

PROJECT REPORT
ON
ONLINE FIRE REPORTING SYSTEM

Submitted in partial fulfillment of the requirements for the award of degree of

M.Sc (Computer Science)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

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Acknowledgement

With deep sense of gratitude we express our sincere thanks and obligation to our esteemed guide Mrs. Shivali saini (Assistant Professor). It is because of her able and mature guidance and co-operation without which it would not have been possible for us to complete our project. We would also like to thank Dr. Deepak Jyoti, HOD, Post Graduate Deptt. of Computer Science, Shanti Devi Arya Mahila College, Dinanagar for providing the institute with an environment where one can use her intellect and creativity to develop something fruitful and also for allowing us the opportunity to experience dynamic professional environment during our Training. This environment facilitated us in pursuing this project. It is our pleasant duty to thank all the staff members of the Computer Department for their time to time suggestions. Finally, we would like to thank the almighty and our parents for their moral support and our friends with whom we shared our day-to-day experience and received lots of suggestions that improved our quality of work.

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20672225402

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20672225406

CERTIFICATE OF APPROVAL

This is certify that the project report entitled **Online Fire Reporting System** submitted to Shanti Devi Arya Mahila College, Dinanagar in partial fulfillment of the requirement for the award of Degree of M.Sc (Computer Science) , is an authentic and original work carried out by Jiya Kumari (20672225402) Tanu Manhas (20672225406) under our guidance and supervision. The Post Graduate deptt. of Computer Science has accepted the report as the fulfillment of the requirements for the Degree of Master of Computer Science.No part of this report has been submitted to any other College/University for the reward of any Degree to the best of our knowledge.

Mrs. Shivali Saini

Assistant Professor (Computer Science)

(Project Supervisor)

Shanti Devi Arya Mahila College

Dinanagar

Dr.Deepak Jyoti

Head of Department

PG Department of Computer Science

Shanti Devi Arya Mahila College

Dinanagar

DECLARATION

We hereby declare that this project report on “ **Online Fire Reporting System**”which is being submitted in partial fulfillment of the Training Programme of M.Sc(Computer Science) to Shanti Devi Arya Mahila College, Dinanagar is the result of the work carried out by us, under the guidance of Mrs. Shivali Saini (Assistant Professor),Shanti Devi Arya Mahila College , Dinanagar.

Jiya Kumari

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Abstract

“Online Fire Reporting System” is web based application which manages the fire reporting incidents and sends the team accordingly. The main purpose of OFRS is to systematically record, store and update the fire team information and fire incidents.

The information from OFRS is used report fire incidents online. With the help of this software person can report fire accidents online and get fire reliefs immediately. An OFRS is a web based platform that allows users to report fires to relevant authorities in a real time using the internet. This system can be used by the general public or emergency services to provide fast and accurate information about the location, intensity, and other relevant details of a fire.

An online fire reporting system can significantly improve the response time and accuracy of fire incident management, helping to save lives and prevent property damage.

Introduction

Introduction:-

Online Fire Reporting System is a web-based application. This application is used to report fire incidents immediately.

In Online Fire Reporting System, we use PHP and MySQL database. This is the project which keeps records of Teachers. Online Fire Reporting System has two modules i.e., admin and users.

User Module

Users can visit the website and report any fire incidents.

Users can also track the fire incident reporting Status.

Admin Module

Admin will be the user of this project who can control the whole website.

- **Dashboard:** In this section, the admin can briefly view information about fire incidents.
- **Teams:** In this section, admin can manage Teams (Add/Update/Delete).
- **Reports:** In this section, the admin can view fire incidents in a particular period and also search the fire reporting/incidents.
- **Website Setting:** In this section, the admin changes the setting of a website like logos contents, etc.
- Admin can also manage own profile.
- Admin can also recover their own password.

Purpose:-

The purpose of developing Online Fire Reporting System is to report fire incidents online without wasting a time. Another purpose for developing this application is to generate the report automatically.

Scope:-

Online Fire Reporting System project is developed as a web application and it will work over web to report fire incidents online.

Requirement Specification

Hardware Configuration :

Client Side:

RAM	512 MB
Hard disk	10 GB
Processor	1.0 GHz

Server side:

RAM	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Client Side:

Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Server Side:

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MYSQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server ("httpd") was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- PHP stands for PHP: Hypertext Preprocessor.
- PHP is a server-side scripting language, like ASP.

- PHP scripts are executed on the server.
- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software.
- PHP is free to download and use.

MYSQL

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use
- How to access MySQL:

<http://localhost/phpmyadmin>

Analysis and Design

Analysis:

In present all fire incidents record work done on the paper. We can't generate reports as per our requirements because its take more time to calculate the fire incidents record report.

Disadvantage of present system:

- **Not user friendly:** The present system not user friendly because data is not stored in structure and proper format.
- **Manual Control:** All report calculation is done manually so there is a chance of error.
- **Lots of paper work:** Fire incidents record maintain in the register so lots of paper require storing details.
- **Time consuming**

Design Introduction:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data

UML Diagrams:

Actor:

A coherent set of roles that users of use cases play when interacting with the use `cases.



Use case: A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.



UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

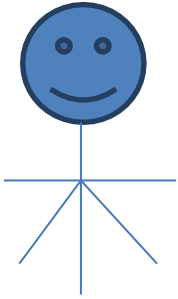
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

USECASE DIAGRAM: A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.

Use Case Diagrams:

Admin



Dashboard

Add Team

Manage Team (Update/Delete)

Mange Fire Reports

Search(Fire Incidents)

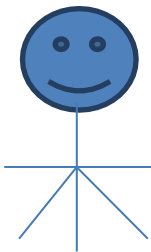
Generate Reports

Update Profile

Change Password

Password Recovery

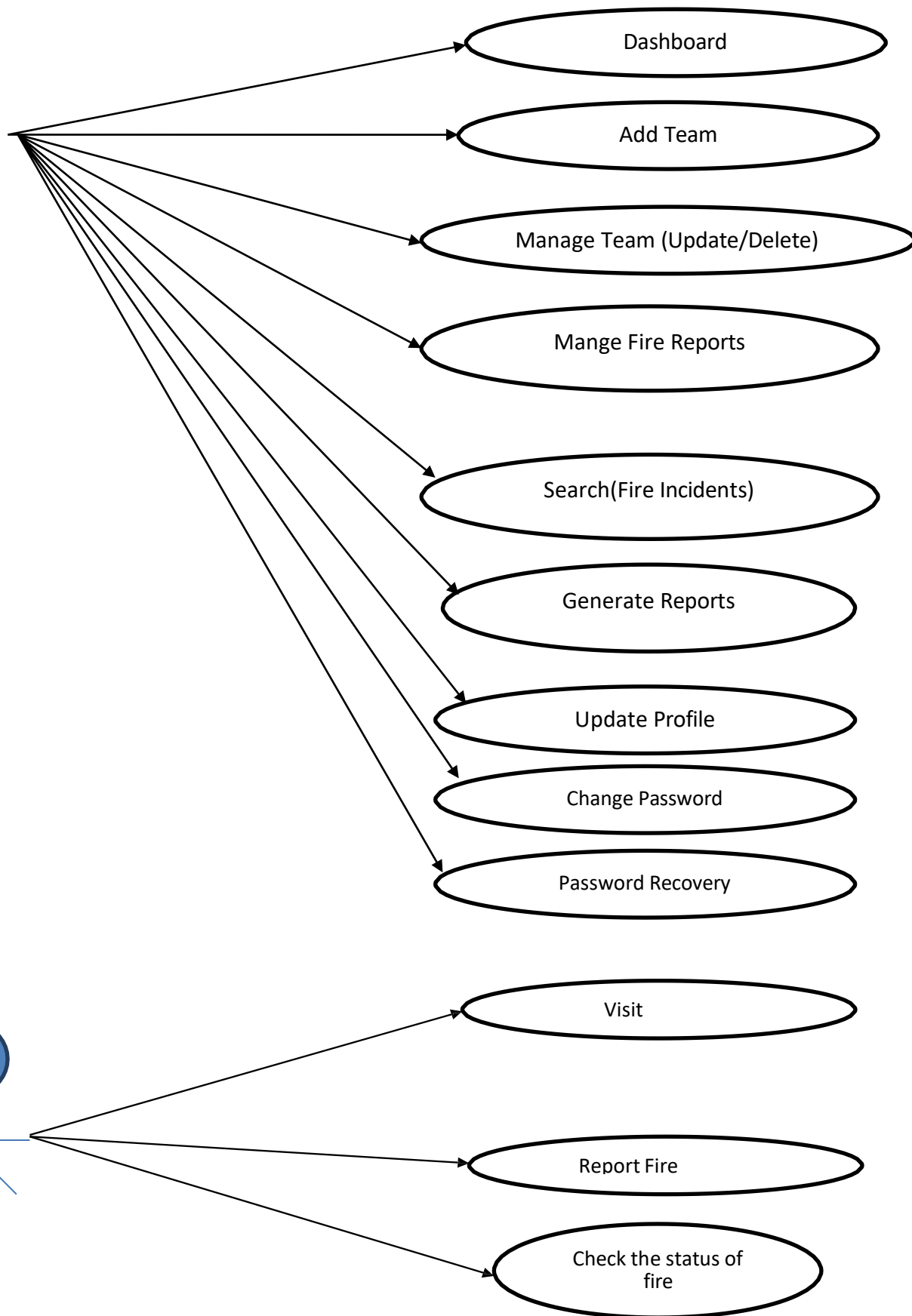
Users



Visit

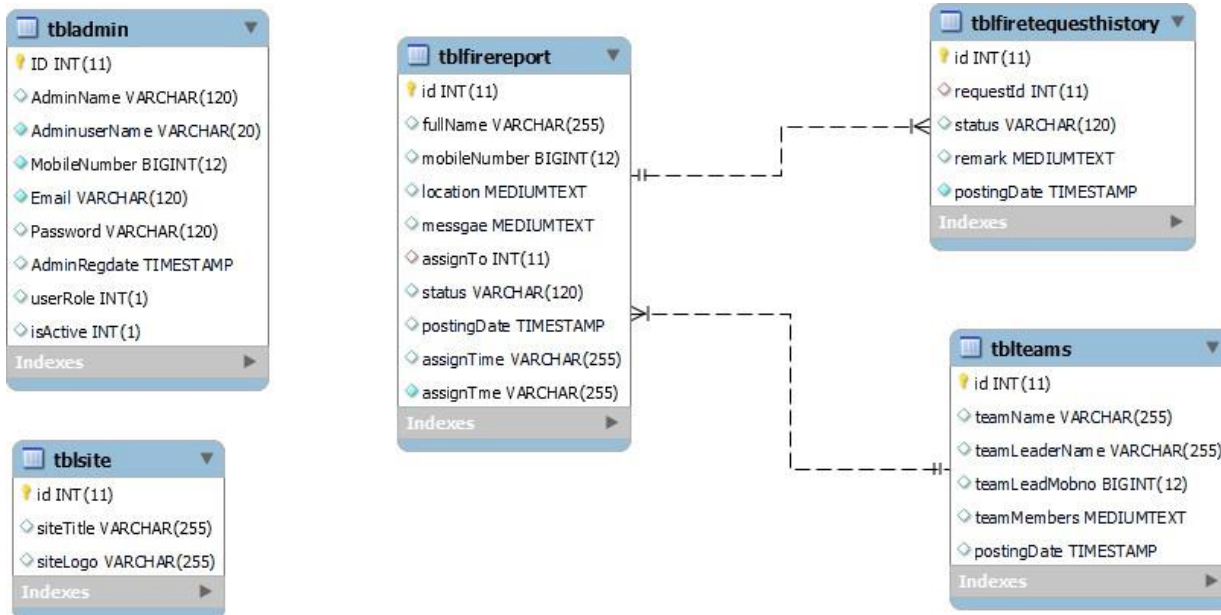
Report Fire

Check the status of
fire



Class Diagram:

A description of set of objects that share the same attributes operations, relationships, and semantics



ER Diagram:

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.

- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

ER Notation

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

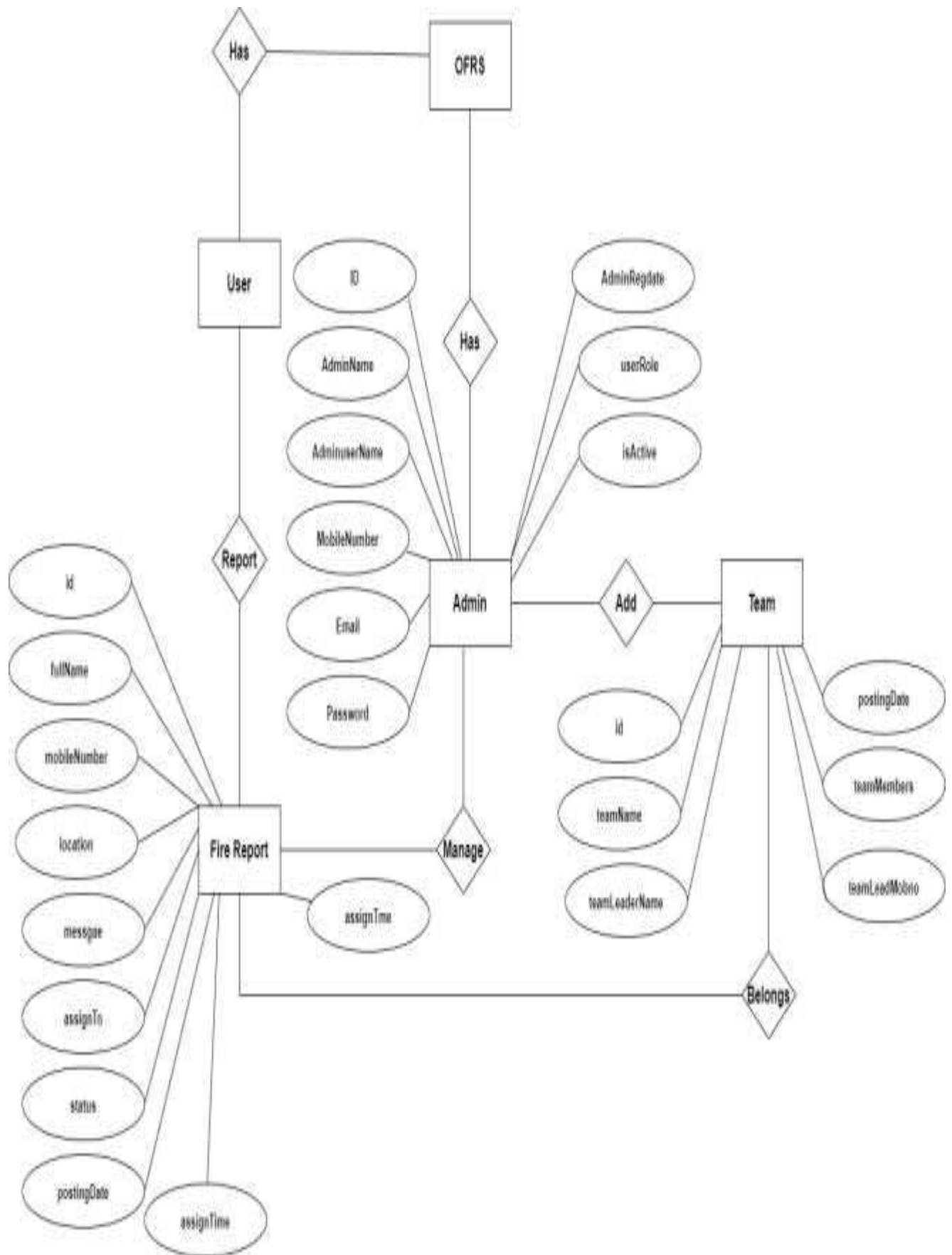
All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin.

The symbols used for the basic ER constructs are:

- **Entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- **Relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs

- **Attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **Cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.

Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.



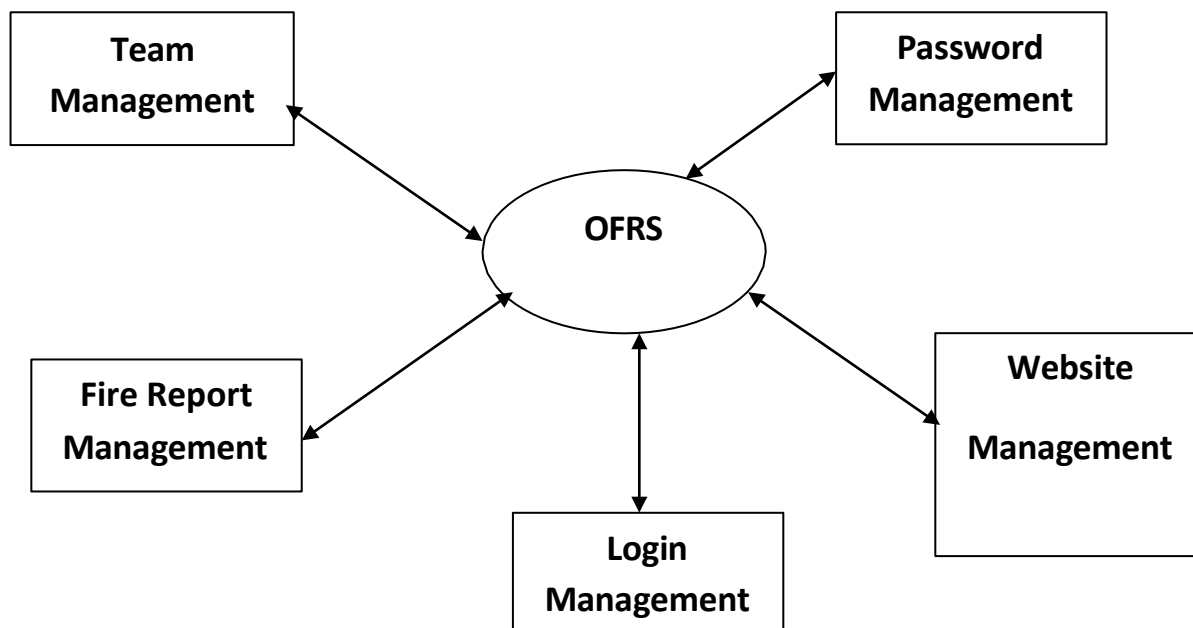
Data Flow Diagram

DFD graphically representing the functions, or processes, which capture, manipulate, store, and distribute data between a system and its environment and between components of a system. The visual representation makes it a good communication tool between User and System designer. Structure of DFD allows starting from a broad overview and expand it to a hierarchy of detailed diagrams.

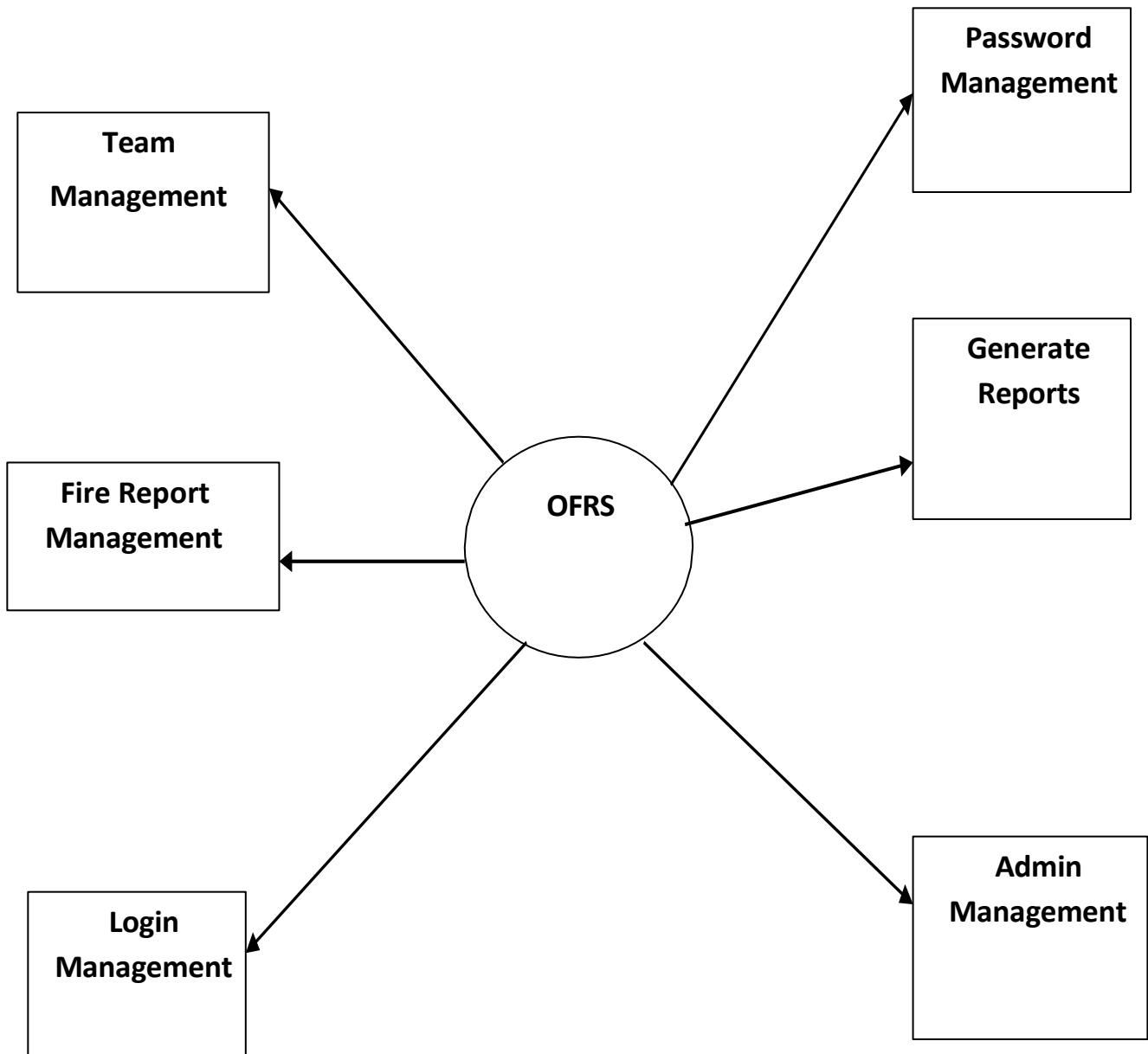
DFD has often been used due to the following reasons:

- Logical information flow of the system
- Determination of physical system construction requirements
- Simplicity of notation
- Establishment of manual and automated systems requirements

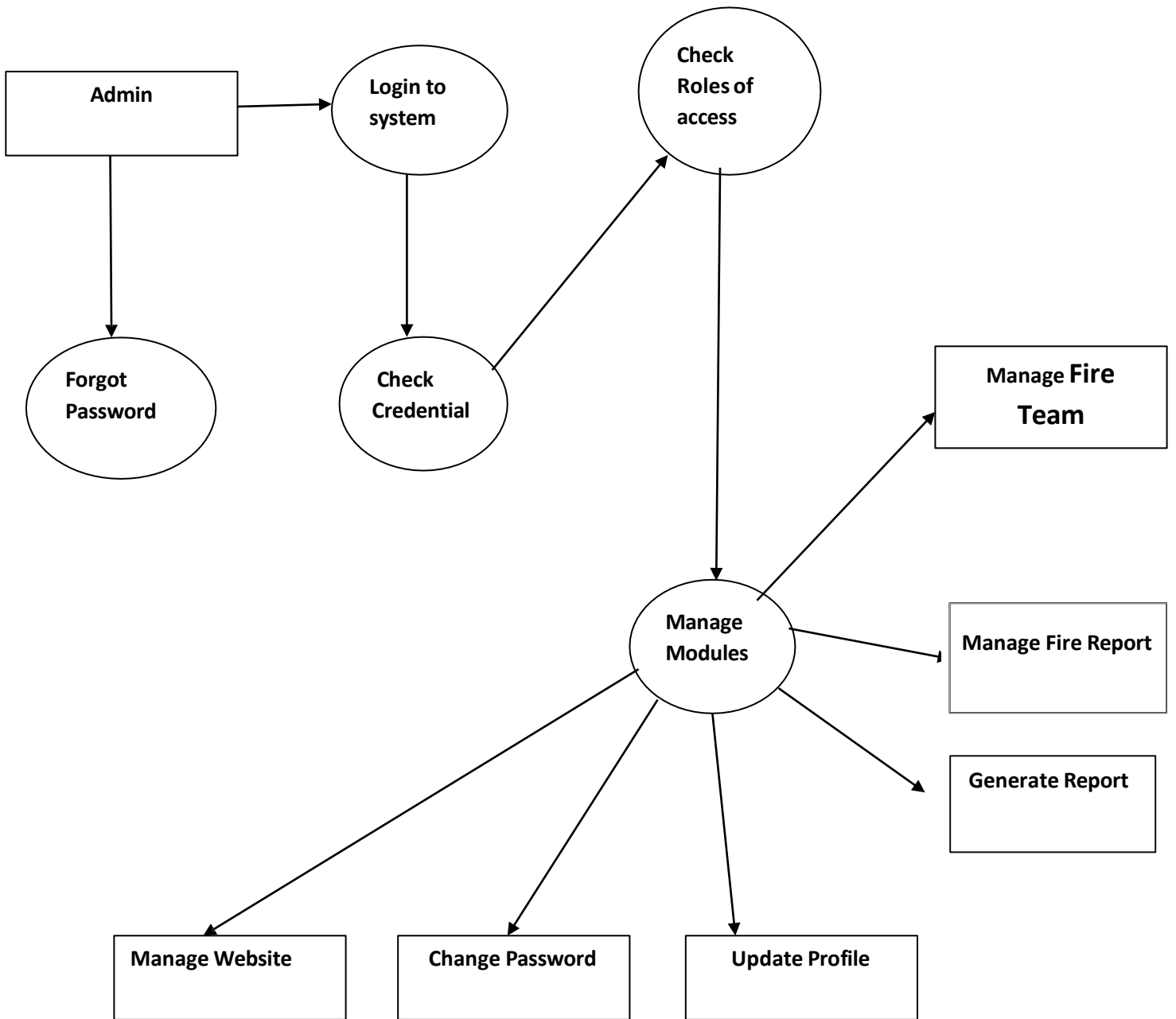
Zero Level DFD

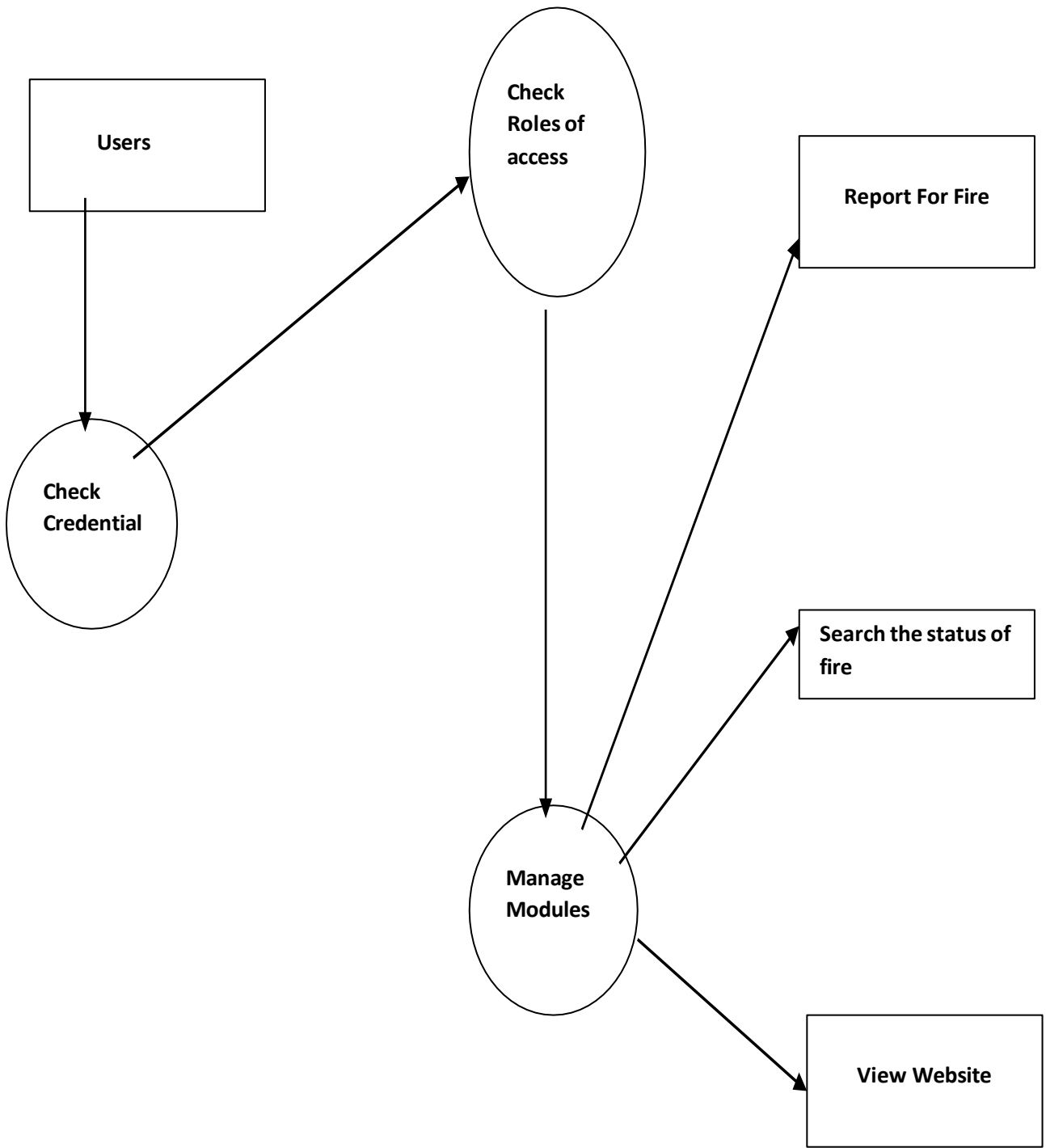


First Level DFD



Second Level DFD





MySQL Data Tables:

Admin Table :(Table name is tbladmin)

This store admin personal and login details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🗝️	int(11)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	AdminuserName	varchar(20)	latin1_swedish_ci		No	None		
4	MobileNumber	bigint(12)			No	None		
5	Email	varchar(120)	latin1_swedish_ci		No	None		
6	Password	varchar(120)	latin1_swedish_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		
8	userRole	int(1)			Yes	NULL		
9	isActive	int(1)			Yes	NULL		

Fire Report Table: (Table name is tblfirereport)

This table store tee details of fire report by users

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🗝️	int(11)			No	None		AUTO_INCREMENT
2	fullName	varchar(255)	latin1_swedish_ci		Yes	NULL		
3	mobileNumber	bigint(12)			Yes	NULL		
4	location	mediumtext	latin1_swedish_ci		Yes	NULL		
5	messgae	mediumtext	latin1_swedish_ci		Yes	NULL		
6	assignTo	int(11)			Yes	NULL		
7	status	varchar(120)	latin1_swedish_ci		Yes	NULL		
8	postingDate	timestamp			Yes	current_timestamp()		
9	assignTime	varchar(255)	latin1_swedish_ci		Yes	NULL		
10	assignTme	varchar(255)	latin1_swedish_ci		No	None		

Request History Table: (Table name is tblfiretequesthistory)

This table store the details of request history of fire reporting.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🗝️	int(11)			No	None		AUTO_INCREMENT
2	requestId	int(11)			Yes	NULL		
3	status	varchar(120)	utf8mb4_general_ci		Yes	NULL		
4	remark	mediumtext	utf8mb4_general_ci		Yes	NULL		
5	postingDate	timestamp			No	current_timestamp()		

Website Table: (Table name is tblsite)

This table store the details of website.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🗝️	int(11)			No	None		AUTO_INCREMENT
2	siteTitle	varchar(255)	utf8mb4_general_ci		Yes	NULL		
3	siteLogo	varchar(255)	utf8mb4_general_ci		Yes	NULL		

Fire Team Table: (Table name is tblsite)

This table store the details of fire team who handling fire incidents.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🗝️	int(11)			No	None		AUTO_INCREMENT
2	teamName	varchar(255)	utf8mb4_general_ci		Yes	NULL		
3	teamLeaderName	varchar(255)	utf8mb4_general_ci		Yes	NULL		
4	teamLeadMobno	bigint(12)			Yes	NULL		
5	teamMembers	mediumtext	utf8mb4_general_ci		Yes	NULL		
6	postingDate	timestamp			Yes	current_timestamp()		

Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

1. Unit testing
2. Integration testing

UNIT TESTING

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require

- The procedures belonging to other units that the unit under test calls
- Non local data structures that module accesses
- A procedure to call the functions of the unit under test with appropriate parameters

1. Test for the admin module

- **Testing admin login form**-This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.
- **Report Generation:** admin can generate report from the main database.

INTEGRATION TESTING


In the Integration testing we test various combination of the project module by providing the input.


The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

Evaluation

Project URL: <http://localhost/ofrs>

Home Page

 OFRS [Home](#) [Reporting](#) [View Status](#) [Admin](#)



Emergency Reporting of Fire


Together, we continue to empower first responders with data and insights that drive quality and performance improvements across the entire health and public safety spectrum.


[Fire Reporting](#)

Fire safety is the set of practices intended to reduce the destruction caused by fire. Fire safety measures include those that are intended to prevent ignition of an uncontrolled fire, and those that are used to limit the development and effects of a fire after it starts.

OFRS 2024

Fire Reporting

 OFRS [Home](#) [Reporting](#) [View Status](#) [Admin](#)




Online Fire Report

Name	<input type="text"/>
Mobile Number	<input type="text"/>
Location	<input type="text"/>
Message (if Any)	<input type="text"/>
	<input type="button" value="Submit"/>

OFRS 2024

Search Status


 OFRS [Home](#) [Reporting](#) [View Status](#) [Admin](#)

Online Fire Report

Search By Reported by Name/ Mobile No / Location	<input type="text" value="Enter Reported by Name/ Mobile No / Location"/>
	<input type="submit" value="Submit"/>

OFRS 2024

View Search Status

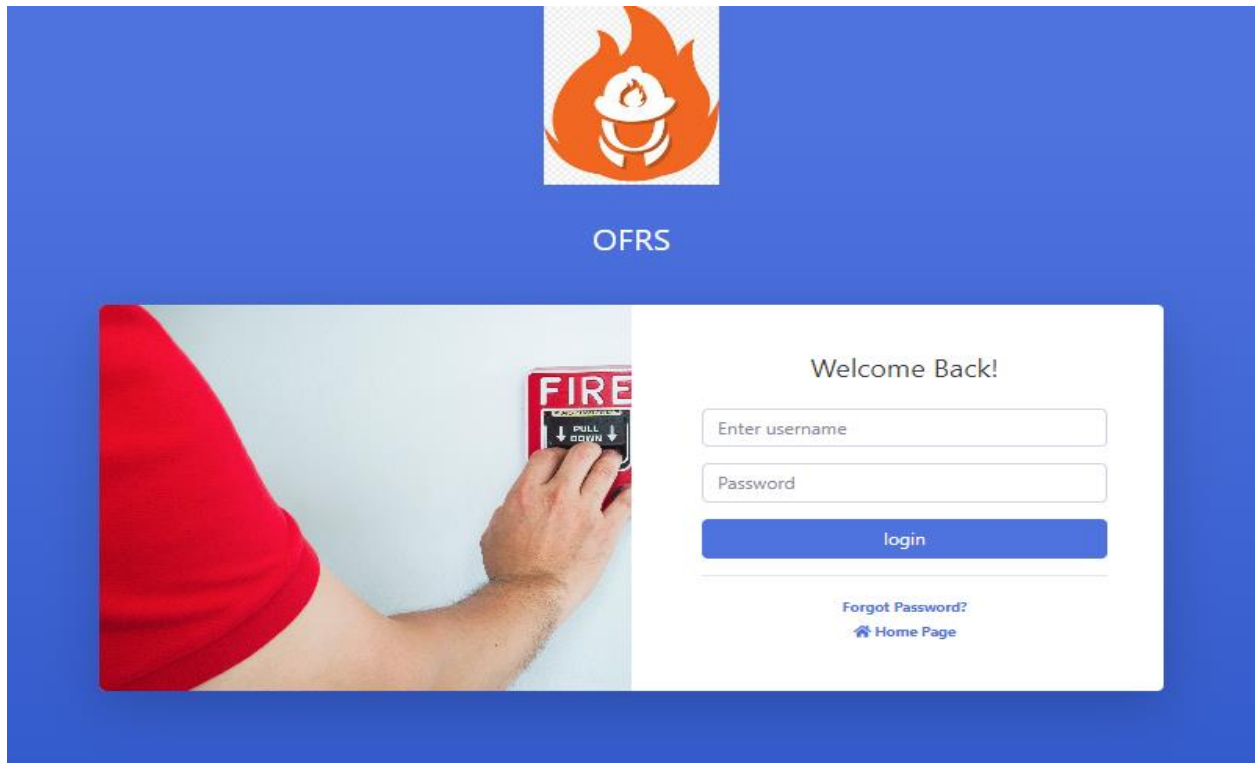
 OFRS [Home](#) [Reporting](#) [View Status](#) [Admin](#)

Search Result Against 'Ankit'

Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action
1	Ankit	9876534221	Gurdaspur	Be fast	2024-03-16 09:50:48	<input type="button" value="View"/>
Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action

OFRS 2024

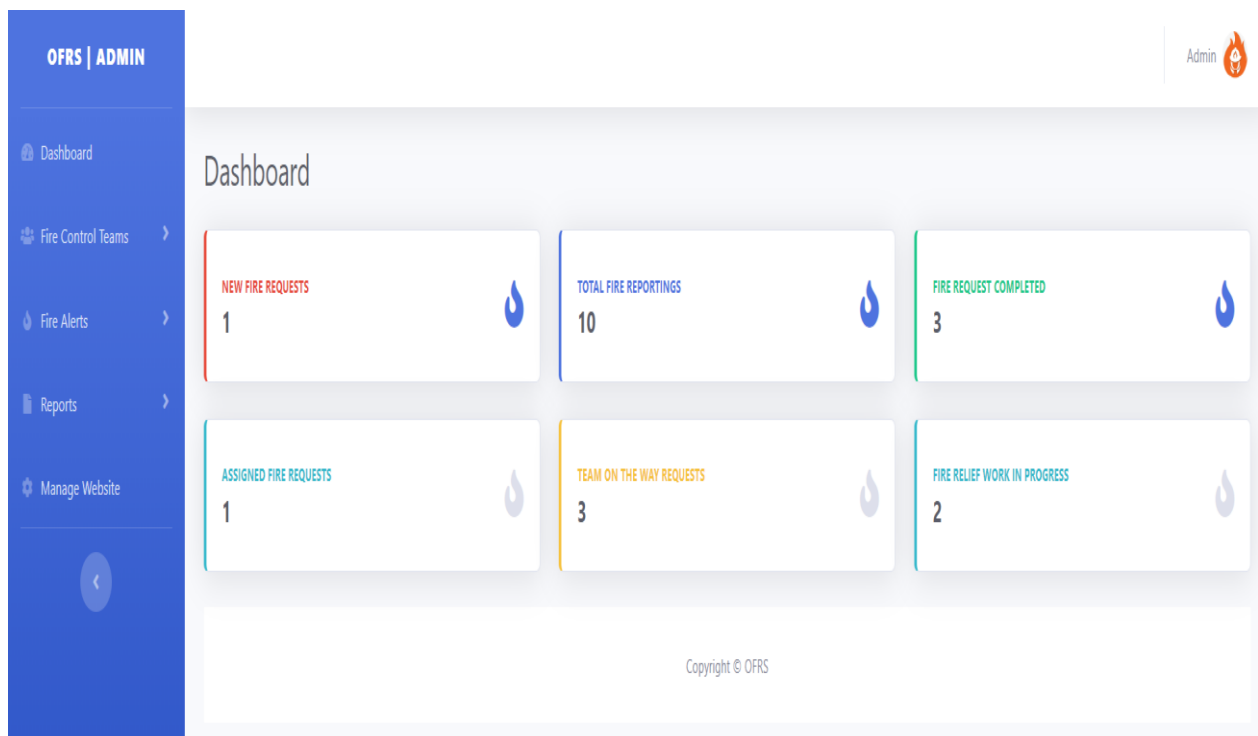
Admin Login



The Admin Login page features a blue header with the OFRS logo (a fire helmet with flames) and the text "OFRS". Below the header is a large image of a person in a red shirt pulling a fire alarm pull station. To the right of the image is a white login form with the following elements:

- Text: "Welcome Back!"
- Input field: "Enter username"
- Input field: "Password"
- Button: "login" (blue)
- Text: "Forgot Password?" with a link icon
- Text: "Home Page" with a link icon


Dashboard



The Dashboard page has a blue sidebar on the left with the following menu items: "OFRS | ADMIN", "Dashboard", "Fire Control Teams", "Fire Alerts", "Reports", and "Manage Website". The main content area is white and contains the following elements:

- Header: "OFRS | ADMIN" on the left and "Admin" with a fire helmet icon on the right.
- Section Header: "Dashboard"
- Summary Cards (6 total):
 - NEW FIRE REQUESTS: 1
 - TOTAL FIRE REPORTINGS: 10
 - FIRE REQUEST COMPLETED: 3
 - ASSIGNED FIRE REQUESTS: 1
 - TEAM ON THE WAY REQUESTS: 3
 - FIRE RELIEF WORK IN PROGRESS: 2
- Footer: "Copyright © OFRS"

Profile

OFRS | ADMIN Admin 

- Dashboard
- Fire Control Teams >
- Fire Alerts >
- Reports >
- Manage Website

<

Admin Profile

Registration Date: 2023-03-02 08:25:34

Admin Name


User Name

Email Id

Contact Number

Copyright © OFRS

Change Password

OFRS | ADMIN Admin 

- Dashboard
- Fire Control Teams >
- Fire Alerts >
- Reports >
- Manage Website

<

Change Password

Change Password


Current Password

New Password

Confirm Password

Copyright © OFRS

Add Team

OFRS | ADMIN Admin 

Dashboard
Fire Control Teams
Fire Alerts
Reports
Manage Website

Fire Safety Team Creation

Team Name


Team Leader name

Team Lead Contact Number

Team Member (Seprated by Comma)

Copyright © OFRS

Manage Team

OFRS | ADMIN Admin 

Dashboard
Fire Control Teams
Fire Alerts
Reports
Manage Website

Manage Teams

Team Information


Show entries Search:

Sno.	Team Name	Team Leader Name	TL Mobile Number	Team Memebers	Regd Date	Action
1	Team1	Jiya	9576204232	Vaishali , Sourav , Gurnaz ,Honey	2024-03-16 09:57:55	Edit Delete
2	Team2	Tanu	9888289403	Tanu, Anuj , Atul , Shivani	2024-03-16 10:31:49	Edit Delete
3	Team3	Sahil	8278858445	Sumit , Jeevan , Taran , Daman	2024-03-16 10:34:35	Edit Delete
4	Team4	Ritik	9888737816	Isha , Veer , Muskaan , Raghu	2024-03-16 10:37:15	Edit Delete

Showing 1 to 4 of 4 entries Previous **1** Next

Copyright © OFRS

Update Team details

OFRS | ADMIN Admin 

Dashboard

Fire Control Teams >

Fire Alerts >

Reports >

Manage Website

<

Edit Team3's Details

Team Name

Team Leader name


Team Lead Contact Number

Team Member (Seprated by Comma)

Update

Copyright © OFRS

New Fire Alerts

OFRS | ADMIN Admin 

Dashboard

Fire Control Teams >

Fire Alerts >

Reports >

Manage Website

<

Manage New Fire Reporting

Fire Reporting Information

Show entries Search:

Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action
1	Jasmin	9873783423	AS Resort, Gurdaspur	Reach there fast	2024-04-10 19:41:13	View
Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action

Showing 1 to 1 of 1 entries Previous **1** Next

Copyright © OFRS

View New Fire Alerts

OFRS | ADMIN Admin

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Fire Reporting Details

Personal Information (Reported by)

Full Name	Jasmin
Mobile Number	9873783423
Location	AS Resort, Gurdaspur
Message	Reach there fast
Reporting Time	2024-04-10 19:41:13

[Assign To](#)

Assigned Details

Not Assigned Yet

Request Track History

No Tracking history found

Copyright © OFRS

Assigned Fire Request

OFRS | ADMIN Admin

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Manage Assigned Fire Reporting

Fire Reporting Information


Show entries Search:

Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action
1	Pankaj	9876054231	Food Hub, G.T Road	Be fast	2024-03-22 21:13:33	View

Showing 1 to 1 of 1 entries Previous **1** Next

Copyright © OFRS

View Assigned Fire Request

OFRS | ADMIN Admin 

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Fire Reporting Details

Personal Information (Reported by)

Full Name	Pankaj
Mobile Number	9876054231
Location	Food Hub, G.T Road
Message	Be fast
Reporting Time	2024-03-22 21:13:33

[Take Action](#)

Assigned Details


Team Name	Team3
Team Leader Name	Sahil
TL Mobile No.	8278858445
Team Members	Sumit , Jeevan , Taran , Daman
Assigned Time	22-03-24 04:03:22

Request Track History

No Tracking history found

Copyright © OFRS

Team On The Way Fire Reporting

OFRS | ADMIN Admin 

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Manage Team On the Way Fire Reporting

Fire Reporting Information


Show entries Search:

Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action
1	Rahul	9646771234	Cloth Factory , Dinanagar	Please be there soon	2024-03-22 20:50:26	View
2	Anup	9887378231	Stadium ,Munnawali	Come as soon as possible	2024-03-24 22:17:52	View
3	kunal	9463660911	pathankot	fast	2024-04-08 10:44:19	View

Showing 1 to 3 of 3 entries Previous **1** Next

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View Team On the Way Fire Reporting

OFRS | ADMIN Admin 

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Fire Reporting Details

Personal Information (Reported by)

Full Name	Rahul
Mobile Number	9646771234
Location	Cloth Factory , Dinanagar
Message	Please be there soon
Reporting Time	2024-03-22 20:50:26

[Take Action](#)

Assigned Details


Team Name	Team2
Team Leader Name	Tanu
TL Mobile No.	9888289403
Team Members	Tanu, Anuj , Atul , Shivani
Assigned Time	22-03-24 04:03:06

Request Track History

Remark	Status	Remark Date
Reach there fast	Team On the Way	2024-03-22 20:51:47

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Relief Work in Progress Fire Reporting

OFRS | ADMIN Admin 

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Manage Relief Work in Progress Fire Reporting

Fire Reporting Information

Show entries Search:

Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action
1	Ankit	9876534221	Gurdaspur	Be fast	2024-03-16 09:50:48	View
2	Ritik	9888673421	Behrampur	Come fast	2024-03-19 09:57:48	View

Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action
------	------	---------------	----------	---------	----------------	--------

Showing 1 to 2 of 2 entries [Previous](#) [1](#) [Next](#)

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View Relief Work in Progress Fire Reporting

OFRS | ADMIN
Admin

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Fire Reporting Details

Personal Information (Reported by)

Full Name	Ritik
Mobile Number	9888673421
Location	Behrampur
Message	Come fast
Reporting Time	2024-03-19 09:57:48

[Take Action](#)

Assigned Details

Team Name	Team1
Team Leader Name	Jiya
TL Mobile No.	9576204232
Team Members	Vaishali , Sourav , Gurnaz ,Honey
Assigned Time	19-03-24 05:03:07

Request Track History

Remark	Status	Remark Date
Reach as soon as possible	Team On the Way	2024-03-19 10:00:35

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Completed Fire Reporting Request

OFRS | ADMIN
Admin

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Manage Completed Fire Reporting

Fire Reporting Information


Show 10 entries Search:

Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action
1	Kunal	9576204232	Dinanagar	As soon as possible	2024-03-14 09:25:04	View
2	Ankur	9888787312	Rajesh Grocery shop ,Gurdaspur	Come fast	2024-03-15 22:21:23	View
3	Bhanu	9463660911	Welding shop,Parmanad	Do fast as a possible	2024-03-16 10:23:33	View
Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action

Showing 1 to 3 of 3 entries Previous 1 Next

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View Completed Fire Reporting Request

OFRS | ADMIN Admin 

Dashboard
Fire Control Teams
Fire Alerts
Reports
Manage Website

Fire Reporting Details

Personal Information (Reported by)	
Full Name	Bhanu
Mobile Number	9463660911
Location	Welding shop,Parmanad
Message	Do fast as a possible
Reporting Time	2024-03-16 10:23:33


Assigned Details	
Team Name	Team4
Team Leader Name	Ritik
TL Mobile No.	9888737816
Team Members	Isha , Veer , Muskaan , Raghu
Assigned Time	16-03-24 05:03:48

Request Track History

Remark	Status	Remark Date
Good	Request Completed	2024-03-16 11:01:28

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Between dates reports

OFRS | ADMIN Admin 

Dashboard
Fire Control Teams
Fire Alerts
Reports
Manage Website

B/w Dates Report Date Selection

From Date

To Date

Copyright © OFRS

View between dates reports

OFRS | ADMIN Admin

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

B/W Dates Report Result From 2024-03-03 to 2024-03-27

B/W Dates Report Results

Show 10 entries Search:

Sno.	Name	Mobile Number	Location	Message	Reporting Time	Action
1	Kunal	9576204232	Dinanagar	As soon as possible	2024-03-14 09:25:04	View
2	Ankur	9888787312	Rajesh Grocery shop ,Gurdaspur	Come fast	2024-03-15 22:21:23	View
3	Ankit	9876534221	Gurdaspur	Be fast	2024-03-16 09:50:48	View
4	Bhanu	9463660911	Welding shop,Parmanad	Do fast as a possible	2024-03-16 10:23:33	View
5	Ritik	9888673421	Behrampur	Come fast	2024-03-19 09:57:48	View
6	Rahul	9646771234	Cloth Factory , Dinanagar	Please be there soon	2024-03-22 20:50:26	View
7	Pankaj	9876054231	Food Hub, G.T Road	Be fast	2024-03-22 21:13:33	View
8	Anup	9887378231	Stadium ,Munnawali	Come as soon as possible	2024-03-24 22:17:52	View

Showing 1 to 8 of 8 entries Previous 1 Next

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Manage Website

OFRS | ADMIN Admin

- Dashboard
- Fire Control Teams
- Fire Alerts
- Reports
- Manage Website

Manage Website

Current Logo



Website Title

Website Logo

 No file chosen

Only jpg / jpeg / png / gif format allowed.

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Conclusion

This Application provides an online version of Online Fire Reporting System which will benefit the fire handling team to maintain fire incidents details and fire team details.

It makes entire process online and can generate reports.

The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

References

For PHP

- <https://www.w3schools.com/php/default.asp>
- <https://www.sitepoint.com/php/>
- <https://www.php.net/>

For MySQL

- <https://www.mysql.com/>
- <http://www.mysqltutorial.org>

For XAMPP

- <https://www.apachefriends.org/download.html>

Project Report

On

Online Security Guard Hiring System

Submitted in partial fulfillment of the requirements for the award of degree of

M.Sc (COMPUTER SCIENCE)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

Mrs. Amita

Department Of Computer Science & IT

Submitted By:

Lisha

(20672225403)

Amandeep Kaur

(20672225404)

POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE & IT

GURU NANAK DEV UNIVERSITY, AMRITSAR

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We are using this opportunity to express my gratitude to everyone who supported me throughout the course of this project. We are thankful for their aspiring guidance and friendly advice during the project work. We are sincerely grateful to them for sharing their truthful and illuminating views on a number of issues related to the project. There are many who helped us with this project and we want to thank them all from the core of our heart.

We express our warm thanks to our respected head of the division Dr. Deepak Jyoti, for allowing us to use the facilities available and also help us to coordinate us project

Furthermore, we would also like to acknowledge with much appreciation the crucial role of faculty members on this occasion.

Last but not least, we would like to thank friends who help us to assemble the parts and gave a suggestion about the project.

Lisha
(20672225403)

Amandeep Kaur
(20672225404)

CERTIFICATE OF APPROVAL

This is certify that the project report entitled “**Online Security Guard Hiring System**” submitted to Shanti Devi Arya Mahila College, Dina Nagar in partial fulfillment of the requirement for the award of degree of M.sc (Computer Science), is an authentic and original work carried out by Lisha (20672225403), Amandeep Kaur (20672225404) under my guidance and supervision. The Post Graduate Department. of Computer Science has accepted the report as the fulfillment of the requirements for the degree of Master of Computer Science. No part of this report has been submitted to any other College/University for the reward of any Degree to the best of our knowledge.

Mrs. Amita
Assistant Professor (Comp Sc.)

Dr. Deepak Jyoti
Head, PG Department of Computer Sc.

DECLARATION

We hereby declare that this project report on “**Online Security Guard Hiring System**” which is being submitted in partial fulfillment of the Training Program of M.Sc (CS) to Shanti Devi Arya Mahila College, Dina Nagar is the result of the work carried out by us, under the guidance of Mrs. Amita (Assistant Professor), Shanti Devi Arya Mahila College, Dinanagar.

Lisha
20672225403

Amandeep Kaur
20672225404

Abstract

This project manages the details of security guards and provide job to them it is also beneficial for those who search security guards online.

Introduction

“Online Security Guard Hiring System” is a web-based technology which manages security guard details. In this project it is easy to get security guards for any farm or individual only by filling one form and get response quickly by admin. When user fill the security guard required form they get booking number by which they search what is status of their security booking. This web application provides a way to effectively control record & track the booking application and security guard details.

An “Online Security Guard Hiring System” effectively manages and handles all the functioning of a security hiring farms. The software system can store the data of security guard and booking application.

Online Security Guards Hiring System is developed using PHP with MySQL extension. It’s a web-based application used to hire security guards.

Advantages:

- It helps the security farms to handle and manage guard details and booking details of guards.
- Reduce time consumption.
- Reduce error scope.

- All system managements are automated.
- Centralized database management.
- Easy operations for operator of the system.
- No paper work requirement.

Disadvantages:

- The system can only handle Single security farms.

Applications:

- To be used in security farms.

Feasibility study

Whenever we design a new system, normally the management will ask for a feasibility report of the new system. The management wants to know the technicalities and cost involved in creation of new system.

- Technical feasibility
- Economic feasibility
- Physical feasibility

Technical feasibility:

Technical feasibility involves study to establish the technical capability of the system being created to accomplish all requirements to the user. The system should be capable of handling the proposed volume of data and provide users and operating environment to increase their efficiency.

For example, system should be capable of handling the proposed volume of data and provide users.

Economic feasibility:

Economic feasibility involves study to establish the cost benefit analysis. Money spent on the system must be recorded in the form of benefit from the system. The benefits are of two types:

Tangible benefits:

- Saving man labor to do tedious tasks saves time.

Intangible benefits:

- Improves the quality of organization.

Physical feasibility:

It involves study to establish the time responses of the new system being created. For e.g., if the new system takes more than one day to prepare crucial finance statement for the management, wherever it was required in an hour, the system fails to provide the same.

It should be clearly establish that the new system requirements in the form of time responses would be completely met with. It may call for increase in cost. If the required cost is sacrificed then the purpose of the new system may not be achieved even if it was found to be technically feasible.

Scope of the Project

The proposed system will affect or interface with the security guards and user who search security guards.

The system works and fulfills all the functionalities as per the proposed system.

It will provide reduced response time against the queries made by different users.

This project is based on PHP language with MYSQL database manages the details of security guards and provide job to them it is also beneficial for those who search security guards online.

All possible features such as verification, validation, security, user friendliness etc. have been considered.

This project has two modules i.e. admin and user.

User Module

Hiring Form: In this section, users can fill out the form to fire the guards.

Request Status: In this section, users can check the status of guard requests.

Admin Module

Secure Admin Login

Admin Setting: In this section, Admin can update the profile details, and change their password.

Dashboard: In this section, Admin briefly views the listed security guards, Total hiring requests, New requests, Accepted requests, and Rejected requests.

Security Guards: In this Section, Admin can Add security guards, edit the added guard info, and also delete the guard record.

Hiring Booking Requests: In this Section, Admin can view all, new, rejected, and accepted requests and take the appropriate action.

Hiring Report: In this section, the admin can view the hiring request in a particular period.

Search Request: In this section, Admin can search the request by booking no, name, and mobile number also.

Admin can also recover their password.

Software & Hardware requirements

- ✓ Any Version of browser after Mozilla Firefox 4.0, Internet Explorer 6.0, chrome

Hardware requirements:

- ✓ Processor: 12th Gen Intel(R) Core™ i5-1235U .
- ✓ Version: 21H2.
- ✓ Processor speed: 1.30 GHz
- ✓ RAM: 8GB
- ✓ Hard disk: 512GB

Software requirements:

- ✓ Database : MySQL
- ✓ Server : Apache
- ✓ Frontend : HTML
- ✓ Scripting Language : JavaScript
- ✓ IDE : Sublime
- ✓ Technology : PHP

System Design

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data

Unified Modelling Language Diagrams (UML):

- The unified modelling language allows the software engineer to express an analysis model using the modelling notation that is governed by a set of syntactic semantic and pragmatic rules.
- A UML system is represented using five different views that describe the system from distinctly different perspective. Each view is defined by a set of diagram, which is as follows.

User Model View

- i. This view represents the system from the users perspective.
- ii. The analysis representation describes a usage scenario from the end-users perspective.

Structural model view

- ◆ In this model the data and functionality are arrived from inside the system.
- ◆ This model view models the static structures.

Behavioural Model View

- ◆ It represents the dynamic of behavioural as parts of the system, depicting the interactions of collection between various structural elements described in the user model and structural model view.

Implementation Model View

- ◆ In this the structural and behavioural as parts of the system are represented as they are to be built.

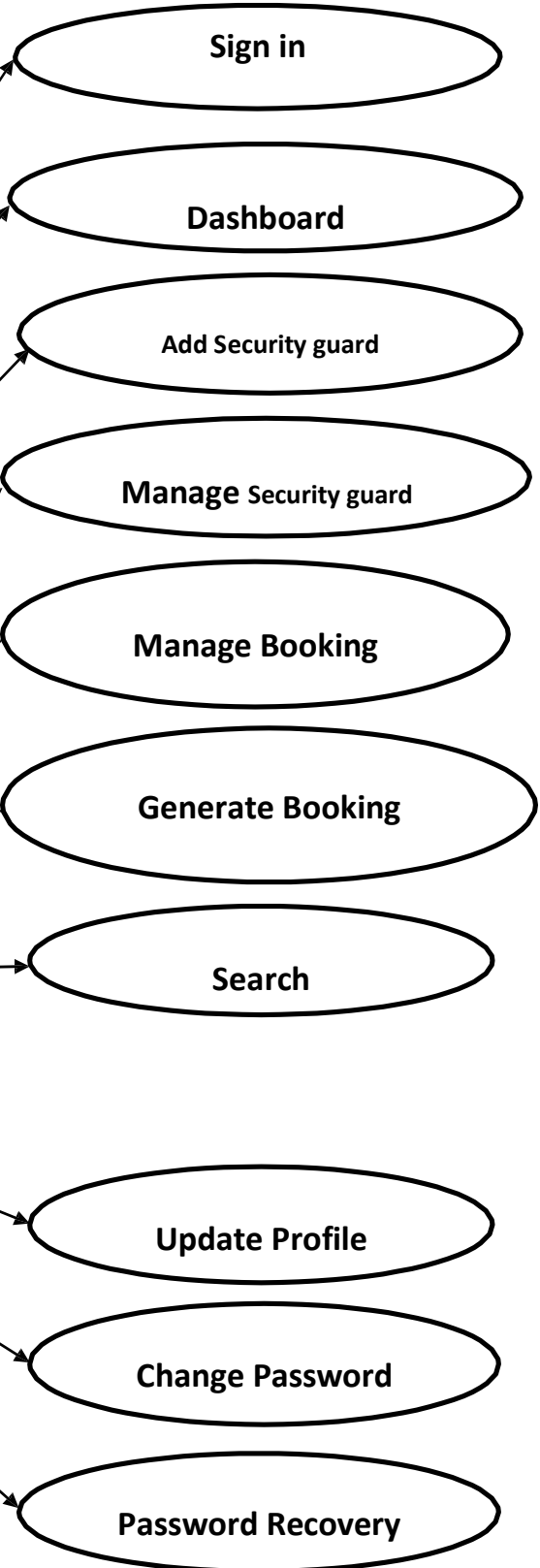
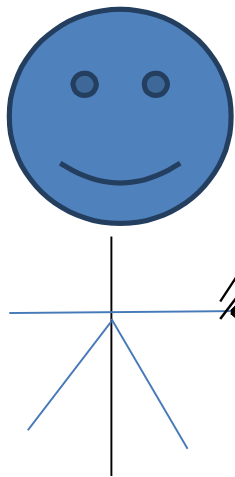
Environmental Model View

In this the structural and behavioural aspects of the environment in which the system is to be implemented are represented.

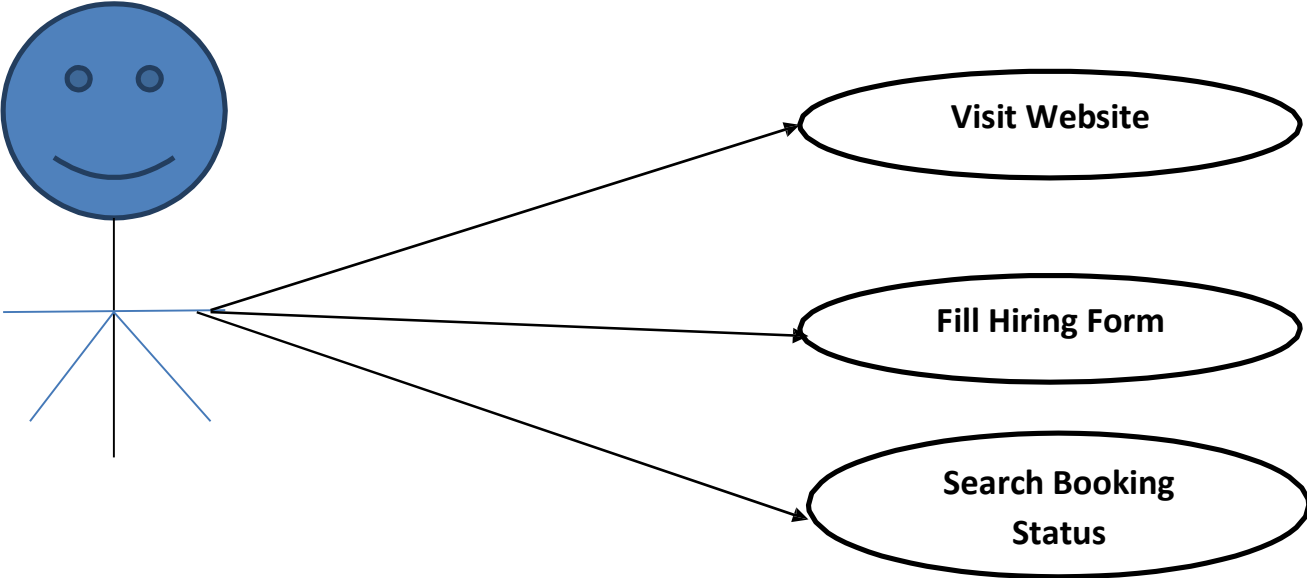
UML is specifically constructed through two different domains they are

- ◆ UML Analysis modelling, which focuses on the user model and structural model views of the system?
- ◆ UML design modelling, which focuses on the behavioural modelling, implementation modelling and environmental model views.

Use Case Diagrams Admin



Use Case Diagrams User



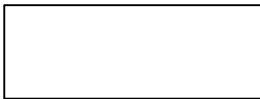
ENTITY-RELATIONSHIP Diagrams

E-R (Entity-Relationship) Diagram is used to represents the relationship between entities in the table.

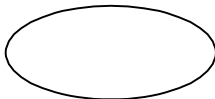
The symbols used in E-R diagrams are:

SYMBOL

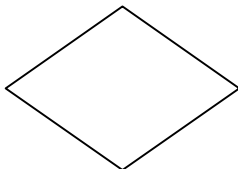
PURPOSE



Represents Entity sets.



Represent attributes.



Represent Relationship Sets.

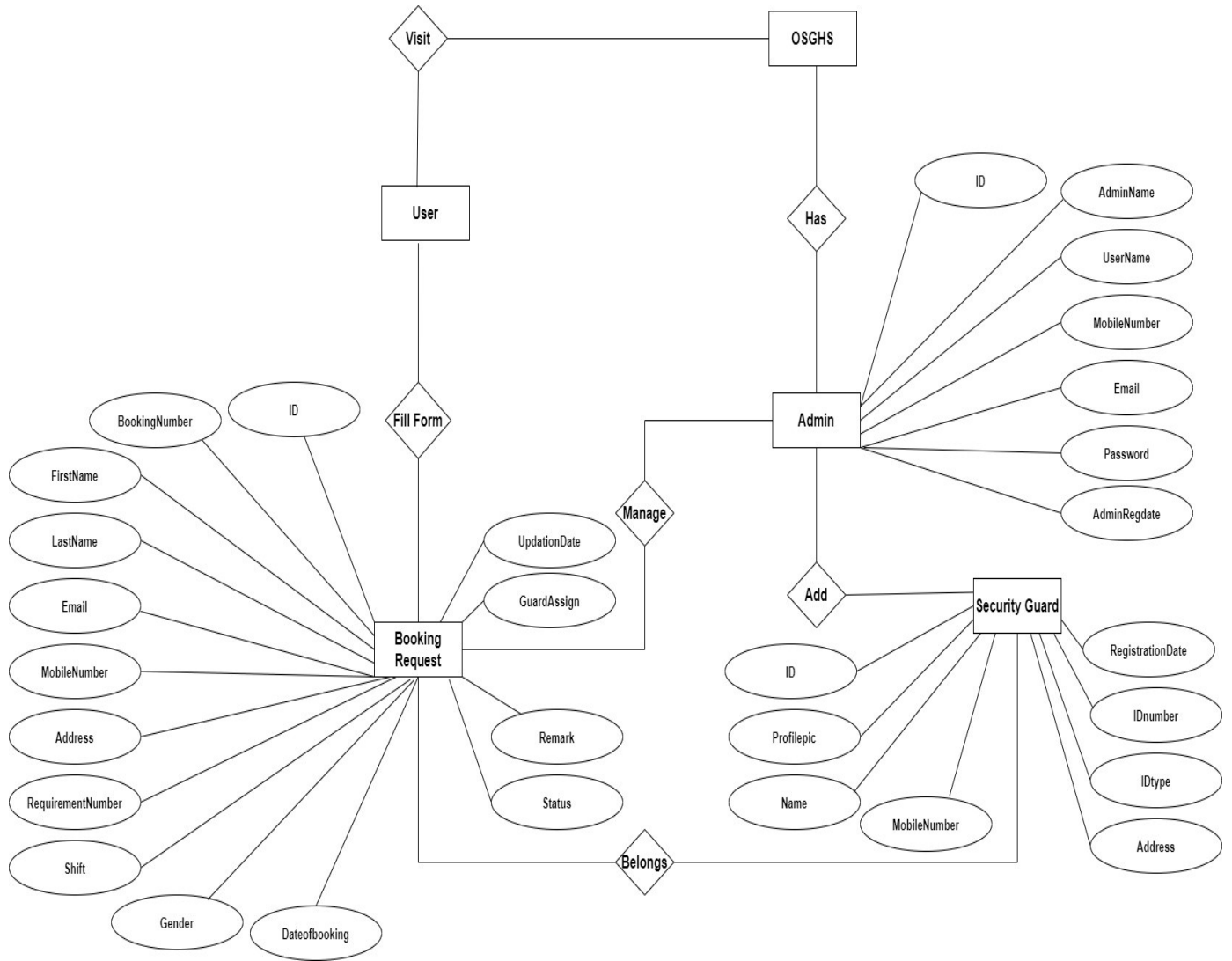


Line represents flow

Structured analysis is a set of tools and techniques that the analyst.

To develop a new kind of a system:

The traditional approach focuses on the cost benefit and feasibility analysis, Project management, and hardware and software selection a personal considerations.



Data Flow Diagrams

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It can be manual, automated, or a combination of both.


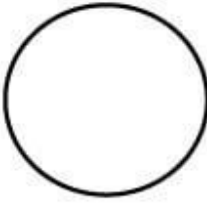
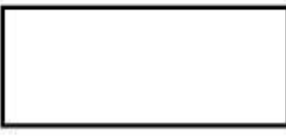
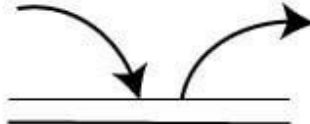
It shows how data enters and leaves the system, what changes the information, and where data is stored.

The objective of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communication tool between a system analyst and any person who plays a part in the order that acts as a starting point for redesigning a system. The DFD is also called as a data flow graph or bubble chart.

The following observations about DFDs are essential:

- 1.** All names should be unique. This makes it easier to refer to elements in the DFD.
- 2.** Remember that DFD is not a flow chart. Arrows in a flow chart that represents the order of events; arrows in DFD represents flowing data. A DFD does not involve any order of events.
- 3.** Suppress logical decisions. If we ever have the urge to draw a diamond-shaped box in a DFD, suppress that urge! A diamond-shaped box is used in flow charts to represents decision points with multiple exists paths of which the only one is taken. This implies an ordering of events, which makes no sense in a DFD.
- 4.** Do not become bogged down with details. Defer error conditions and error handling until the end of the analysis.

Standard symbols for DFDs are derived from the electric circuit diagram analysis and are shown in fig:

Symbol	Name	Function
	Data flow	Used to Connect Processes to each other, to sources or Sinks; the arrow head indicates direction of data flow.
	Process	Performs Some transformation of Input data to yield output data.
	Source of Sink (External Entity)	A Source of System inputs or Sink of System outputs.
	Data Store	A repository of data; the arrow heads indicate net inputs and net outputs to store.

Symbols for Data Flow Diagrams

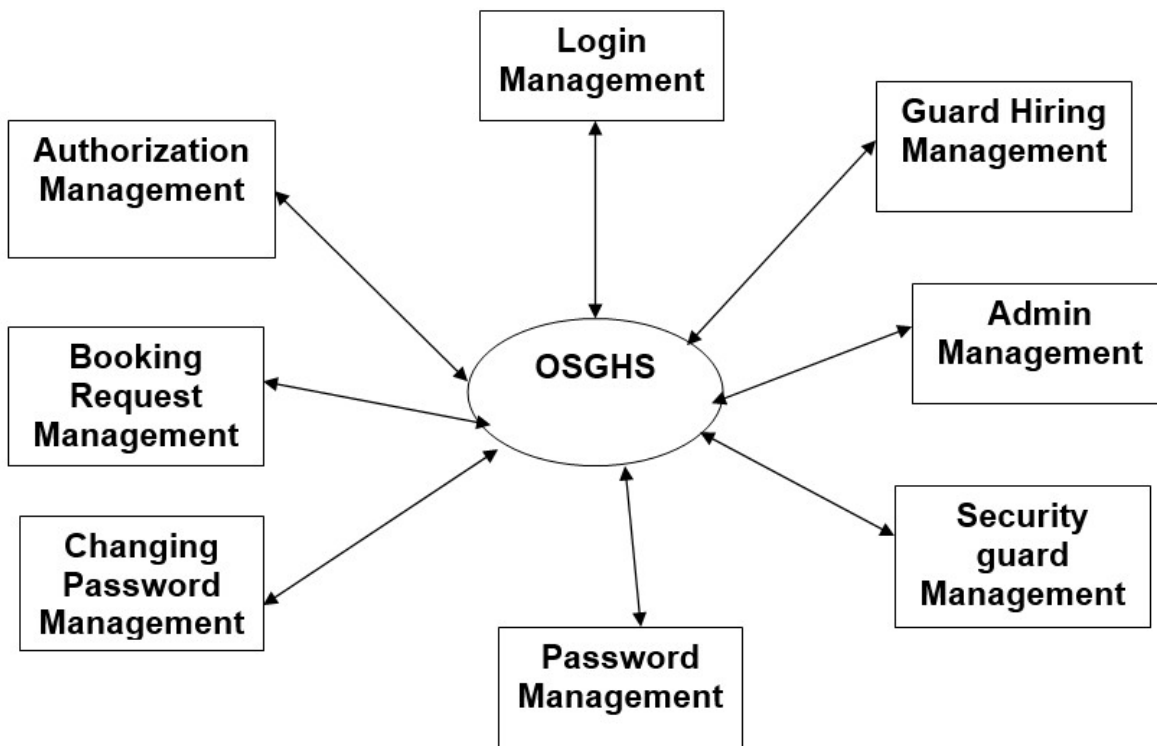
Circle: A circle (bubble) shows a process that transforms data inputs into data outputs.

Data Flow: A curved line shows the flow of data into or out of a process or data store.

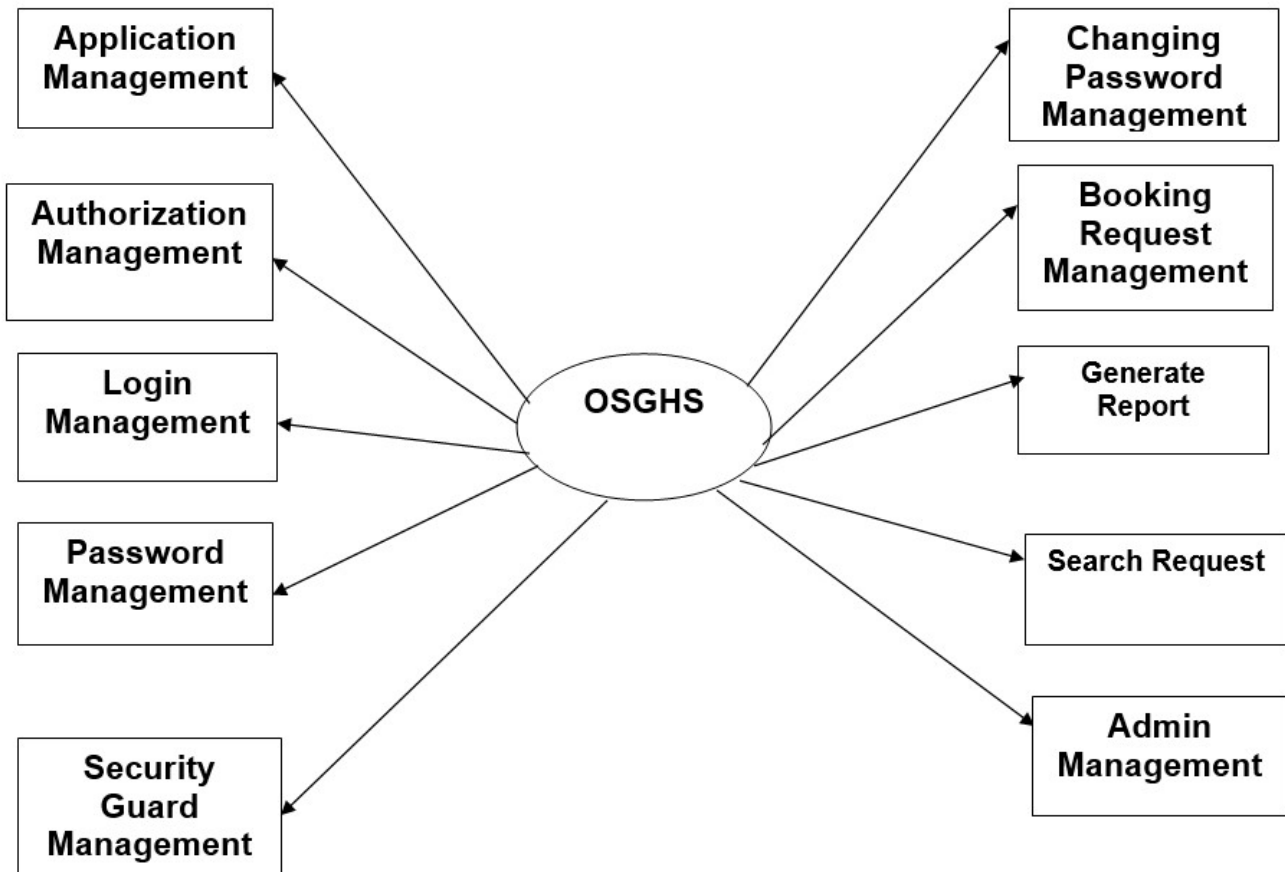
Data Store: A set of parallel lines shows a place for the collection of data items. A data store indicates that the data is stored which can be used at a later stage or by the other processes in a different order. The data store can have an element or group of elements.

Source or Sink: Source or Sink is an external entity and acts as a source of system inputs or sink of system outputs.

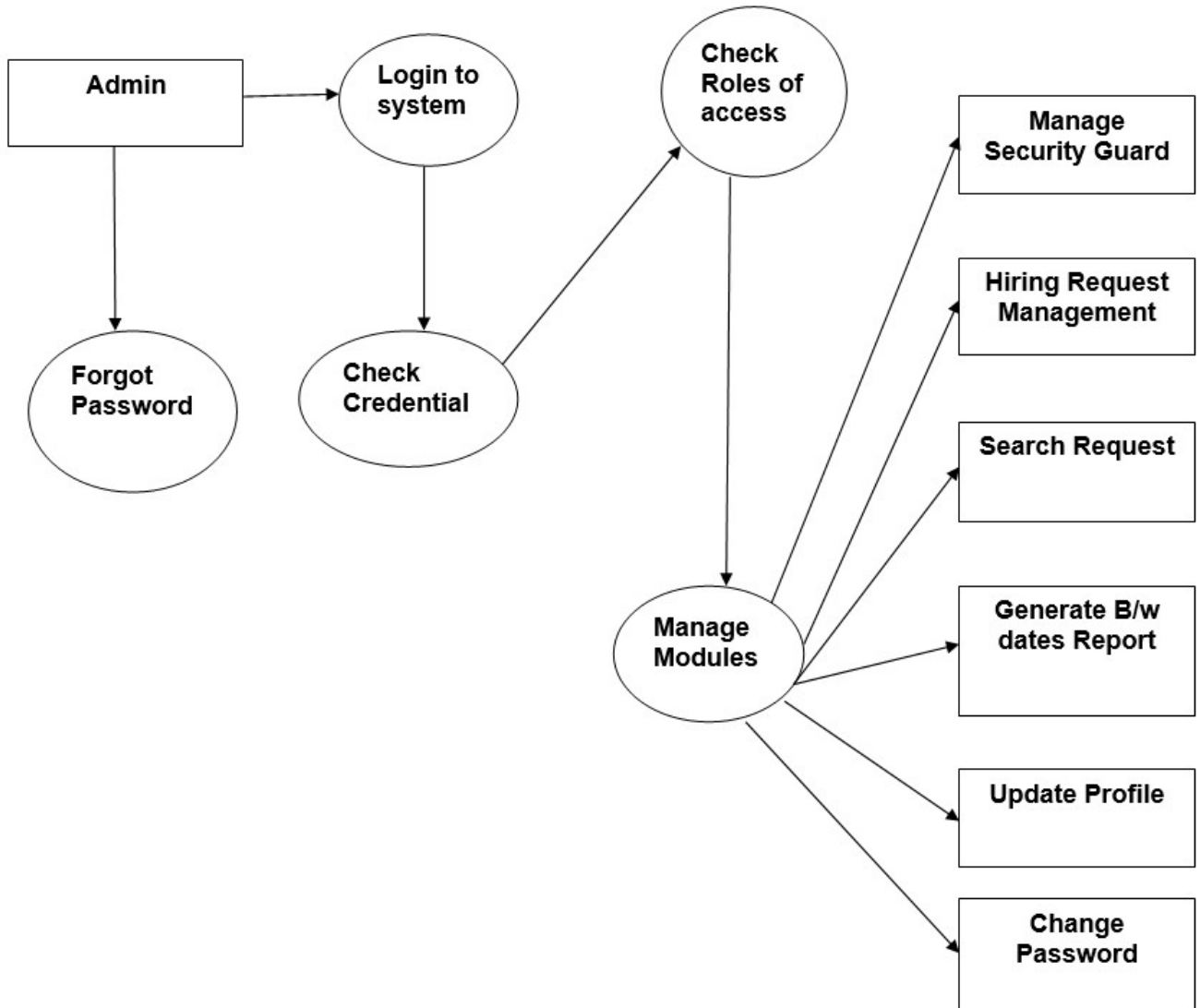
Zero Level DFD



First Level DFD



Second Level DFD




Database Design

The data in the system has to be stored and retrieved from database. Designing the database is part of system design. Data elements and data structures to be stored have been identified at analysis stage. They are structured and put together to design the data storage and retrieval system.

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make database access easy, quick, inexpensive and flexible for the user. Relationships are established between the data items and unnecessary data items are removed. Normalization is done to get an internal consistency of data and to have minimum redundancy and maximum stability. This ensures minimizing data storage required, minimizing chances of data inconsistencies and optimizing for updates. The MS Access database has been chosen for developing the relevant databases.

“Online Security Guard Hiring System” (OSGHS) contains three MySQL tables :

Table admin table Structure : This table store the admin login and personal Details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	utf8mb4_general_ci		Yes	NULL		
3	UserName	varchar(120)	utf8mb4_general_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	Password	varchar(200)	utf8mb4_general_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		

tblguard table Structure : This table store ticket detail of security guard.



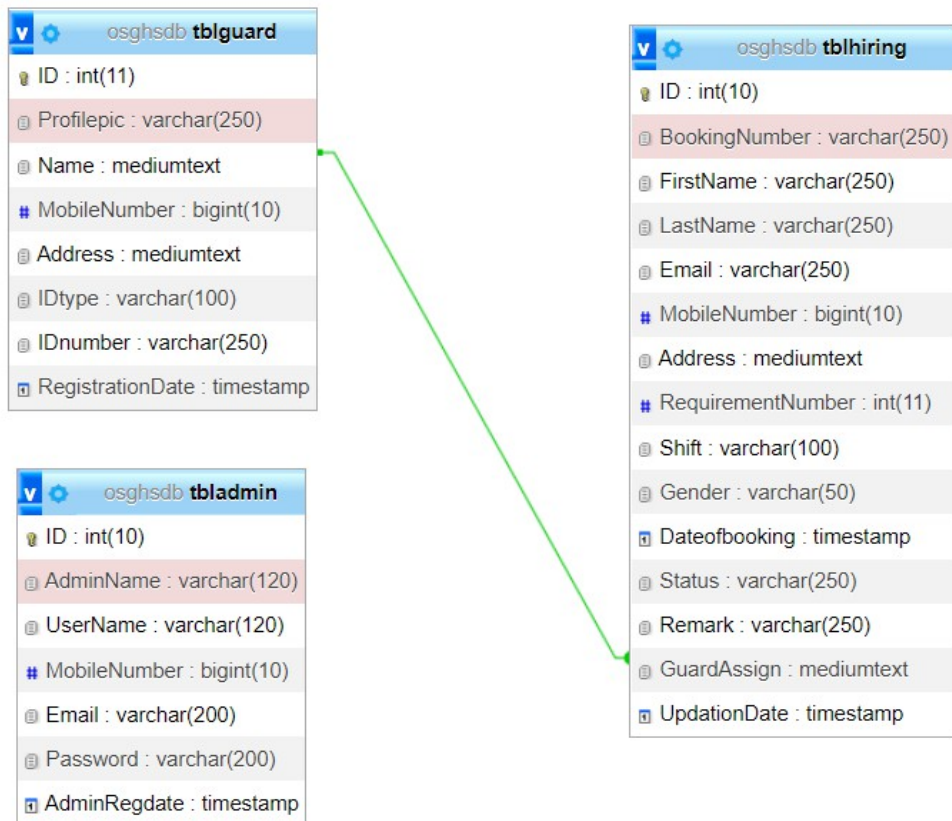
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(11)			No	None		AUTO_INCREMENT
2	Profilepic	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	Name	varchar(250)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Address	mediumtext	latin1_swedish_ci		Yes	NULL		
6	IDtype	varchar(100)	latin1_swedish_ci		Yes	NULL		
7	IDnumber	varchar(250)	latin1_swedish_ci		Yes	NULL		
8	RegistrationDate	timestamp			Yes	current_timestamp()		

Table hiring table Structure : This table store security guard booking detail.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	BookingNumber	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	FirstName	varchar(250)	latin1_swedish_ci		Yes	NULL		
4	LastName	varchar(250)	latin1_swedish_ci		Yes	NULL		
5	Email	varchar(250)	latin1_swedish_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	Address	mediumtext	latin1_swedish_ci		Yes	NULL		
8	RequirementNumber	int(10)			Yes	NULL		
9	Shift	varchar(100)	latin1_swedish_ci		Yes	NULL		
10	Gender	varchar(50)	latin1_swedish_ci		Yes	NULL		
11	Dateofbooking	timestamp			Yes	current_timestamp()		
12	Status	varchar(250)	latin1_swedish_ci		Yes	NULL		
13	Remark	varchar(250)	latin1_swedish_ci		Yes	NULL		
14	GuardAssign	mediumtext	latin1_swedish_ci		Yes	NULL		
15	UpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

Class Diagram:

The class diagram shows a set of classes, interfaces, collaborations and their relationships.



System Testing

SOFTWARE TESTING TECHNIQUES:

Software testing is a critical element of software quality assurance and represents the ultimate review of specification, designing and coding.

TESTING OBJECTIVES:

1. Testing is process of executing a program with the intent of finding an error.
2. A good test case design is one that has a probability of finding an as yet undiscovered error.
3. A successful test is one that uncovers an as yet undiscovered error.

These above objectives imply a dramatic change in view port.

Testing cannot show the absence of defects, it can only show that software errors are present.

There are three types of testing strategies

1. Unit test
2. Integration test
3. Performance test

Unit Testing:

Unit testing focuses verification efforts on the smallest unit of software design module. The unit test is always white box oriented. The tests that occur as part of unit testing are testing the module interface, examining the local data structures, testing the boundary conditions, execution all the independent paths and testing error-handling paths.

Integration Testing:

Integration testing is a systematic technique or construction the program structure while at the same time conducting tests to uncover errors associated with interfacing. Scope of testing summarizes the specific functional, performance, and internal design characteristics that are to be tested. It employs top-down testing and bottom-up testing methods for this case.

Performance Testing:

Timing for both read and update transactions should be gathered to determine whether system functions are being performed in an acceptable timeframe.

Output Screen of Project

Hiring Form

OSGHS

HOME HIRING FORM REQUEST STATUS ADMIN

GUARD HIRING

First Name

Last Name

Your Email

Phone Number


Requirement Number (Number of Guards)

Shift Requirement

Gender

Address

send



Search Hiring Request Status

Search Booking

Enter Your Booking Number

Search


Result against "219347702" keyword


S.No	Booking Number	Name	Email	Contact Number	Status	Name of Guard
1	219347702	Lisha Mahajan	lishamahajan86@gmail.com	9814878584	Accepted	John

Admin Login

Admin | OSGHS

Sign in to start your session

User Name 

Password 


Remember Me [Sign In](#)


[I forgot my password](#)
[Back Home!!](#)


Forgot Password


Admin|| OSGHS

Forgot Password

Email Address 

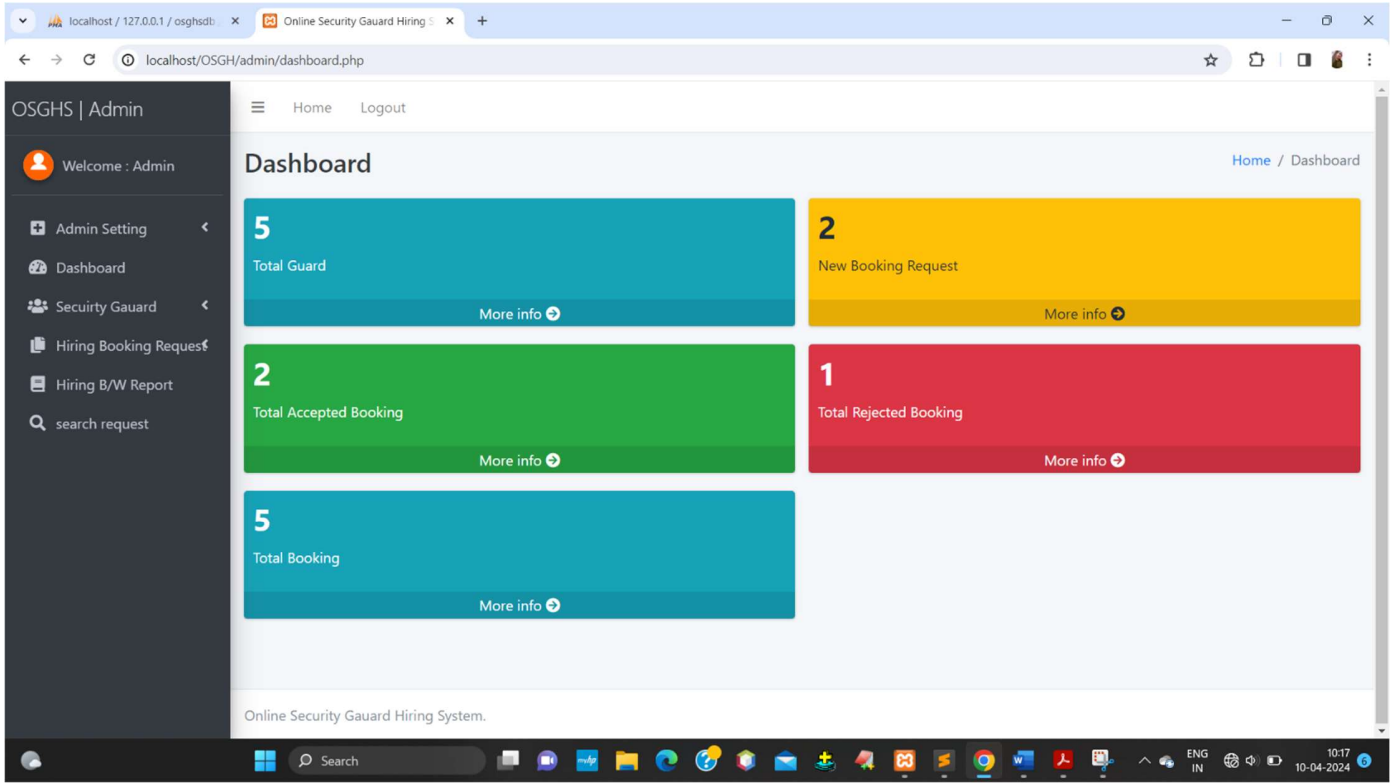
Mobile Number 

New Password 

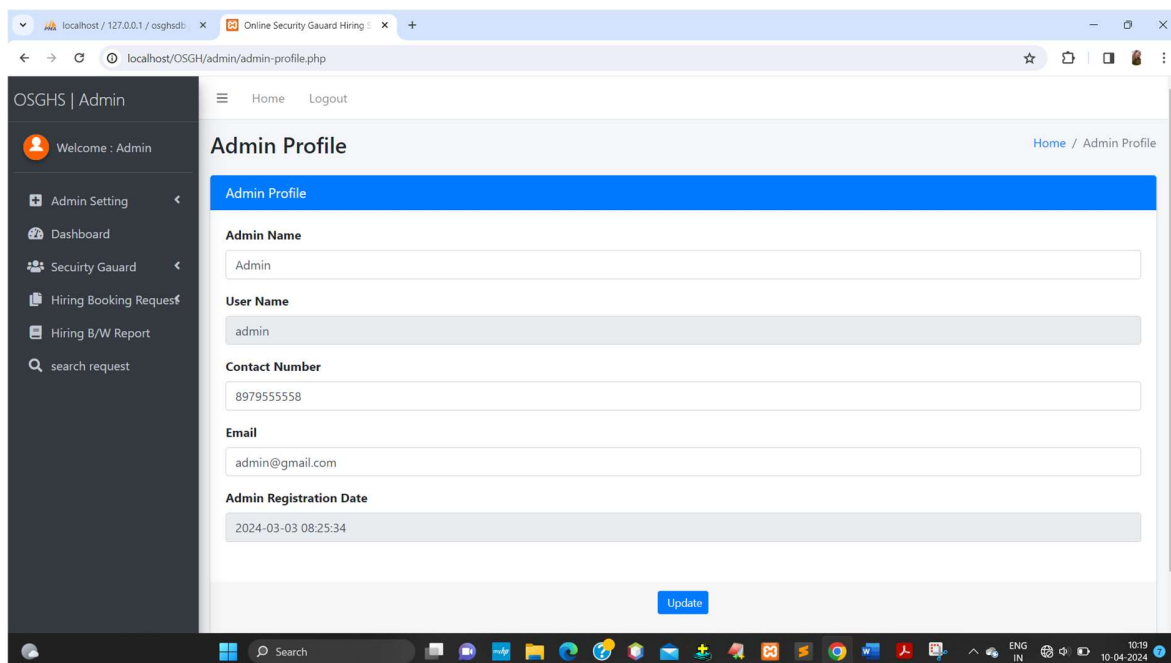
Confirm Password 

[signin](#) [Reset](#)

Dashboard



Admin Profile



Change Password

OSGHS | Admin Home Logout

Welcome : Admin Home / Change Password

Change Password

Current Password

New Password

Confirm Password

[Change](#)

Online Security Gauard Hiring System.

Add Security Guard

OSGHS | Admin Home Logout

Welcome : Admin Home / Add Security Guard

Add Security Guard

Profile Pics

[Choose File](#) No file chosen

Name

Mobile Number

Address

ID Type

Choose ID Type

ID Number

[Add](#)

Online Security Gauard Hiring System.

Manage Security Guard

The screenshot shows the 'Manage Security Guard' page in the OSGHS Admin interface. The page features a sidebar with navigation options: Admin Setting, Dashboard, Security Guard, Hiring Booking Request, Hiring B/W Report, and search request. The main content area displays a table of security guards with columns for S.No, Name, Mobile Number, Registration Date, and Action. The table contains 5 entries. Below the table, there is a pagination control showing 'Showing 1 to 5 of 5 entries' and buttons for 'Previous', '1', and 'Next'. The browser address bar shows the URL 'localhost/OSGH/admin/manage-security-guard.php'.

S.No	Name	Mobile Number	Registration Date	Action
1	Kunal Singh	6446464654	2024-03-12 08:25:34	Edit Delete
2	John	9798787987	2024-03-15 08:25:34	Edit Delete
3	Karuna Devi	8979979879	2024-03-20 08:25:34	Edit Delete
4	Meena Sahani	4564646464	2024-03-28 08:25:34	Edit Delete
5	Meera Rajput	8789797979	2024-04-04 08:25:34	Edit Delete

Update Security Guard

The screenshot shows the 'Admin Profile' page in the OSGHS Admin interface. The page features a sidebar with navigation options: Admin Setting, Dashboard, Security Guard, Hiring Booking Request, Hiring B/W Report, and search request. The main content area displays the 'Admin Profile' form with fields for Admin Name, User Name, Contact Number, Email, and Admin Registration Date. The 'Update' button is visible at the bottom of the form. The browser address bar shows the URL 'localhost/OSGH/admin/admin-profile.php'.

Admin Profile

Admin Name
Admin

User Name
admin

Contact Number
8979555558

Email
admin@gmail.com

Admin Registration Date
2024-03-03 08:25:34

[Update](#)

All Booking Request

OSGHS | Admin

Welcome : Admin

Admin Setting <

Dashboard <

Security Gaurd <

Hiring Booking Request

Hiring B/W Report

search request

Home Logout

All Hiring/Booking Request

Home / All Hiring/Booking Request

All Hiring/Booking Request

Show 10 entries Search:

S.No	Booking Number	Name	Email	Contact Number	Status	Action
1	219347702	Lisha Mahajan	lishamahajan86@gmail.com	9814878584	Accepted	View
2	837921351	Amandeep kaur	aman2@gmail.com	7719550136	Not Updated Yet	View
3	756722652	Navjot Singh	ns22@gmail.com	8360987765	Accepted	View
4	874894670	Paras Mahajan	prs21@gmail.com	9876543201	Rejected	View
5	487750177	Surinder kaur	Sr43@gmail.com	7890654321	Not Updated Yet	View

Showing 1 to 5 of 5 entries

Previous 1 Next

Online Security Gaurd Hiring System.

View All Booking Request

Admin Setting <

Dashboard <

Security Gaurd <

Hiring Booking Request

Hiring B/W Report

search request

View Booking Detail

Booking Number	837921351	Name	Amandeep kaur
Mobile Number	7719550136	Email	aman2@gmail.com
Address	Gurdaspur	Guard Requirement Number	2
Shift	Day	Guard Gender Requirement	Female
Booking Status	Wait for approval	Date of Booking	2024-04-10 09:41:36
Remark	Not Updated Yet	Guard Assign	Not Updated Yet

Remark :

Status : Accepted

Assign Guard : Choose Guard, Kunal Singh, John, Karuna Devi

New Booking Request

OSGHS | Admin

Welcome : Admin

Admin Setting <

Dashboard <

Security Gaurd <

Hiring Booking Request <

Hiring B/W Report <

search request

Home Logout

New Booking Request

Home / New Booking Request

New Booking Request

Show 10 entries Search:

S.No	Booking Number	Name	Email	Contact Number	Status	Action
1	837921351	Amandeep kaur	aman2@gmail.com	7719550136	Not Updated Yet	View
2	487750177	Surinder kaur	Sr43@gmail.com	7890654321	Not Updated Yet	View

Showing 1 to 2 of 2 entries

Previous 1 Next

Online Security Gaurd Hiring System.

View New booking Request

OSGHS | Admin

Welcome : Admin

Admin Setting <

Dashboard <

Security Gaurd <

Hiring Booking Request <

Hiring B/W Report <

search request

Home Logout

View Booking Detail

Home / View Booking Detail

View Booking Detail

Booking Number	219347702	Name	Lisha Mahajan
Mobile Number	9814878584	Email	lishamahajan86@gmail.com
Address	Pathankot	Guard Requirement Number	7
Shift	Night	Guard Gender Requirement	Male
Booking Status	Guard Hiring Requirement Accepted	Date of Booking	2024-04-10 09:39:12
Remark	good	Guard Assign	John

Online Security Gaurd Hiring System.

Accepted Booking Request

OSGHS | Admin

Welcome : Admin

- Admin Setting
- Dashboard
- Security Gauard
- Hiring Booking Request
- Hiring B/W Report
- search request

Home Logout

All Hiring/Booking Request

Home / All Hiring/Booking Request

All Hiring/Booking Request

Show 10 entries Search:

S.No	Booking Number	Name	Email	Contact Number	Status	Action
1	219347702	Lisha Mahajan	lishamahajan86@gmail.com	9814878584	Accepted	View
2	837921351	Amandeep kaur	aman2@gmail.com	7719550136	Not Updated Yet	View
3	756722652	Navjot Singh	ns22@gmail.com	8360987765	Accepted	View
4	874894670	Paras Mahajan	prs21@gmail.com	9876543201	Rejected	View
5	487750177	Surinder kaur	Sr43@gmail.com	7890654321	Not Updated Yet	View

Showing 1 to 5 of 5 entries

Previous 1 Next

Online Security Gauard Hiring System.

View accepted booking details

OSGHS | Admin

Welcome : Admin

- Admin Setting
- Dashboard
- Security Gauard
- Hiring Booking Request
- Hiring B/W Report
- search request

Home Logout

View Booking Detail

Home / View Booking Detail

View Booking Detail

Booking Number	756722652	Name	Navjot Singh
Mobile Number	8360987765	Email	ns22@gmail.com
Address	Amritsar	Guard Requirement Number	4
Shift	24hrs	Guard Gender Requirement	Male
Booking Status	Guard Hiring Requirement Accepted	Date of Booking	2024-04-10 10:12:34
Remark	good	Guard Assign	Kunal Singh

Online Security Gauard Hiring System.

Rejected Booking Requests

The screenshot shows the 'Rejected Booking Request' page in the OSGH Admin interface. The page title is 'Rejected Booking Request' and the breadcrumb is 'Home / Rejected Booking Request'. The page displays a table with one entry for a rejected booking request. The table has columns for S.No, Booking Number, Name, Email, Contact Number, Status, and Action. The entry shows a booking number of 874894670, name Paras Mahajan, email prs21@gmail.com, contact number 9876543201, and status 'Rejected'. There is a 'View' button next to the entry. The page also includes a search bar, a 'Showing 1 to 1 of 1 entries' indicator, and navigation buttons for 'Previous' and 'Next'.

S.No	Booking Number	Name	Email	Contact Number	Status	Action
1	874894670	Paras Mahajan	prs21@gmail.com	9876543201	Rejected	View

View rejected booking

The screenshot shows the 'View Booking Detail' page in the OSGH Admin interface. The page title is 'View Booking Detail' and the breadcrumb is 'Home / View Booking Detail'. The page displays a table with detailed information for a rejected booking request. The table has columns for Booking Number, Mobile Number, Address, Shift, Booking Status, Remark, Name, Email, Guard Requirement Number, Guard Gender Requirement, Date of Booking, and Guard Assign. The entry shows a booking number of 874894670, mobile number 9876543201, address Batala, shift Day, booking status 'Guard Hiring Requirement Rejected', remark 'not good', name Paras Mahajan, email prs21@gmail.com, guard requirement number 7, guard gender requirement Female, date of booking 2024-04-10 10:15:30, and guard assign Karuna Devi. The page also includes a search bar and a 'Showing 1 to 1 of 1 entries' indicator.

Booking Number	874894670	Name	Paras Mahajan
Mobile Number	9876543201	Email	prs21@gmail.com
Address	Batala	Guard Requirement Number	7
Shift	Day	Guard Gender Requirement	Female
Booking Status	Guard Hiring Requirement Rejected	Date of Booking	2024-04-10 10:15:30
Remark	not good	Guard Assign	Karuna Devi

Between dates report

The screenshot shows the 'Between Dates Hiring Report' form. It features a sidebar on the left with navigation options: Admin Setting, Dashboard, Security Gauard, Hiring Booking Request, Hiring B/W Report, and search request. The main content area has a header 'Between Dates Hiring Report' and a sub-header 'Between Dates Report'. Below this, there are two date input fields: 'From Date:' and 'To Date:', both with a placeholder 'dd-mm-yyyy' and a calendar icon. A blue 'Submit' button is located below the date fields. The footer of the page reads 'Online Security Gauard Hiring System.'

View between dates report

The screenshot shows the 'All Hiring/Booking Request' table. The table has a header with columns: S.No, Booking Number, Name, Email, Contact Number, Status, and Action. There are 5 entries in the table. The status of each entry is indicated by a colored label: 'Accepted' (green), 'Not Updated Yet' (yellow), and 'Rejected' (red). A 'View' button is present in the Action column for each entry. The table is displayed on a page with a sidebar on the left and a search bar at the top right. The footer of the page reads 'Online Security Gauard Hiring System.'

S.No	Booking Number	Name	Email	Contact Number	Status	Action
1	219347702	Lisha Mahajan	lishamahajan86@gmail.com	9814878584	Accepted	View
2	837921351	Amandeep kaur	aman2@gmail.com	7719550136	Not Updated Yet	View
3	756722652	Navjot Singh	ns22@gmail.com	8360987765	Accepted	View
4	874894670	Paras Mahajan	prs21@gmail.com	9876543201	Rejected	View
5	487750177	Surinder kaur	Sr43@gmail.com	7890654321	Not Updated Yet	View

Search Request

The screenshot shows a web browser window with two tabs: 'localhost / 127.0.0.1 / osghsdb' and 'Online Security Gaurd Hiring'. The address bar shows 'localhost/OSGH/admin/search.php'. The page title is 'OSGHS | Admin' and the user is logged in as 'Admin'. The main content area is titled 'Search Booking' and contains a search input field with the placeholder 'Enter Your Booking Number/ Name / Mobile no.' and a 'Search' button. Below the search field, the results are displayed as 'Result against "837921351" keyword'. A table shows one entry with the following details:

S.No	Booking Number	Name	Email	Contact Number	Status	Action
1	837921351	Amandeep kaur	aman2@gmail.com	7719550136	Not Updated Yet	View

Below the table, it says 'Showing 1 to 1 of 1 entries' and 'Previous 1 Next'. The footer of the page reads 'Online Security Gaurd Hiring System.' The Windows taskbar at the bottom shows the time as 10:53 on 10-04-2024.

Conclusion

The project titled as “Online Security Guard Hiring System” was deeply studied and analyzed to design the code and implement. It was done under the guidance of the experienced project guide. All the current requirements and possibilities have been taken care during the project time.

“Online Security Guard Hiring System” is a web based application which manages and handles guards details and guard hiring details.

Bibliography

For PHP

- <https://www.w3schools.com/php/default.asp>
- <https://www.sitepoint.com/php/>
- <https://www.php.net/>

For MySQL

- <https://www.mysql.com/>
- <http://www.mysqltutorial.org>

For XAMPP

- <https://www.apachefriends.org/download.html>

PROJECT REPORT
ON
ART GALLERY MANAGEMENT
SYSTEM

Submitted in partial fulfillment of the requirements for the award of degree of

M.Sc (COMPUTER SCIENCE)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

Miss Anima Mahajan

Assistant Professor

Deptt. of Computer Science

Submitted By:-

Tanu Devi

(20672225405)

POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE

GURU NANAK DEV UNIVERSITY, AMRITSAR

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With deep sense of gratitude I express my sincere thanks and obligation to my esteemed guide Miss. Anima Mahajan (Assistant Professor). It is because of her able and mature guidance and co-operation without which it would not have been possible for me to complete my project. I would also like to thank Dr. Deepak Jyoti, HOD, Post Graduate Deptt. of Computer Science, Shanti Devi Arya Mahila College, Dinanagar for providing the institute with an environment where one can use her intellect and creativity to develop something fruitful and also for allowing me the opportunity to experience dynamic professional environment during my Training. This environment facilitated me in pursuing this project. It is my pleasant duty to thank all the staff members of the Computer Department for their time to time suggestions. Finally, I would like to thank the almighty and my parents for their moral support and my friends with whom I shared my day-to-day experience and received lots of suggestions that improved my quality of work.

Tanu Devi

(20672225405)

CERTIFICATE OF APPROVAL

This is certify that the project report entitled **Art Gallery Management System** submitted to Shanti Devi Arya Mahila College, Dinanagar in partial fulfillment of the requirement for the award of Degree of M.Sc (CS) , is an authentic and original work carried out by Tanu Devi (20672225405) under my guidance and supervision. The Post Graduate deptt. of Computer Science has accepted the report as the fulfillment of the requirements for the degree of Master of Computer Science. No part of this report has been submitted to any other College/University for the reward of any Degree to the best of my knowledge.

Miss Anima Mahajan

**Assistant Professor (Comp Sc.)
(Project Supervisor)
Shanti Devi Mahila College
Dinanagar**

Dr. Deepak Jyoti

**HOD, PG Department of Computer Sc.
Shanti Devi Arya Mahila
Dinanagar**

DECLARATION

I hereby declare that this project report on “ **Art Gallery Management System** ” which is being submitted in partial fulfillment of the Training Programme of M.Sc(CS) to Shanti Devi Arya Mahila College, Dinanagar is the result of the work carried out by us, under the guidance of Miss.Anima Mahajan (Assistant Professor). Shanti Devi Arya Mahila College, Dinanagar.

Tanu Devi

20672225405

Abstract

The aim of 'Art Gallery Management System' is to automate its existing manual system by the help of computerized equipment and full-fledge computer software, fulfilling their requirements so that their valuable data can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to handle good performance and provide better services to clients. This project can lead to error free, secure, reliable and fast management system. This system will help the organization in better utilization of resources.

Introduction

Introduction:-

The Art Gallery Management System has been designed to override the problem of existing manual system. This web application is supported to eliminate and in some case reduce the hardship faced by manual system. The application is reduced as much as possible to avoid errors while entering the data. Its also provide message while entering invalid data. No formal knowledge is required for the user to operate this system. Overall we said that Art Gallery Management System is user friendly.

In Art Gallery Management System we use PHP and MySQL Database. This project keeps the records of user enquiry, art products and art artist. Art Gallery Management System has two module i.e. admin and user.

Admin Module

1. Dashboard: In this section, admin can briefly view the total number of artist, total answer enquiry, total unanswer enquiry, Total Art Type, total art medium and total art products.

2. Art Type: In this section, admin can manage art type (add/delete/update).

3. Art Medium: In this section, admin can manage art medium(add/update/delete).

4. Art Product: In this section, admin can manage art products(add/update/delete).

5. Enquiry: In this section, admin can view and maintain the enquiry.

6. Search Enquiry: In this section admin, can search enquiry with the help of enquiry number.

6. Page: In this section, admin can manage about us and contact us pages..

Admin can also update his profile, change the password and recover the password.

User Module

1. Home: It is a welcome page for users.

2. About: It is a about us page of website.

3. Art Type: In this section, users can view art products according to art type and sent enquiry for art products.

Objective

The main objective of the Art Gallery Management System project is to manage the details of enquiry, artist, art type, art medium, and art products. This Art Gallery Management System will definitely reduce the time, energy and money wasted in manually searching the details of the enquiry. With the help of this software, all the services and users can be properly channelized.

Existing System

The present scenario offers manual data entry. A lot of time is wasted in creating the reports as well as maintaining them. In case, if any query arises to get the information about the enquiry, artist, art type, art medium and art products the whole report is re-typed or xeroxed. This seriously affects the authentication of the system. This Art Gallery Management System is totally outdated and involves high risk of ambiguity and redundancy.

Proposed System

The proposed Art Gallery Management System is to have everything completely automated and computerized. The software is very easy to use and manage even for a non technical person. The redundancy and ambiguity will be removed by assigning every enquiry a unique number (i.e Enquiry Number).

Requirement Specification

Hardware Configuration :

Client Side:

RAM	512 MB
Hard disk	10 GB
Processor	1.0 GHz

Server side:

RAM	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Client Side:

Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Server Side:

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MYSQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server ("httpd") was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- PHP stands for PHP: Hypertext Preprocessor.

- PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.
- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software .
- PHP is free to download and use.

MYSQL

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use

How to access MySQL: <http://localhost/phpmyadmin>

Analysis and Design

Analysis:

The present scenario offers manual data entry. A lot of time is wasted in creating the reports as well as maintaining them. In case, if any query arises to get the information about the client, the whole report is re-typed or Xeroxed. This seriously affects the authentication of the system. This Client Management System is totally outdated and involves high risk of ambiguity and redundancy.

Disadvantage of present system:

- **Not user friendly:** The present system not user friendly because data is not stored in structure and proper format.
- **Manual Control:** All report calculation is done manually so there is a chance of error.
- **Lots of paper work:** Visitors maintain in the register so lots of paper require storing details.
- **Time consuming**

Design Introduction:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data

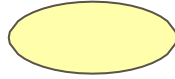
UML Diagrams:

Actor:

A coherent set of roles that users of use cases play when interacting with the use cases.



Use case: A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.



UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

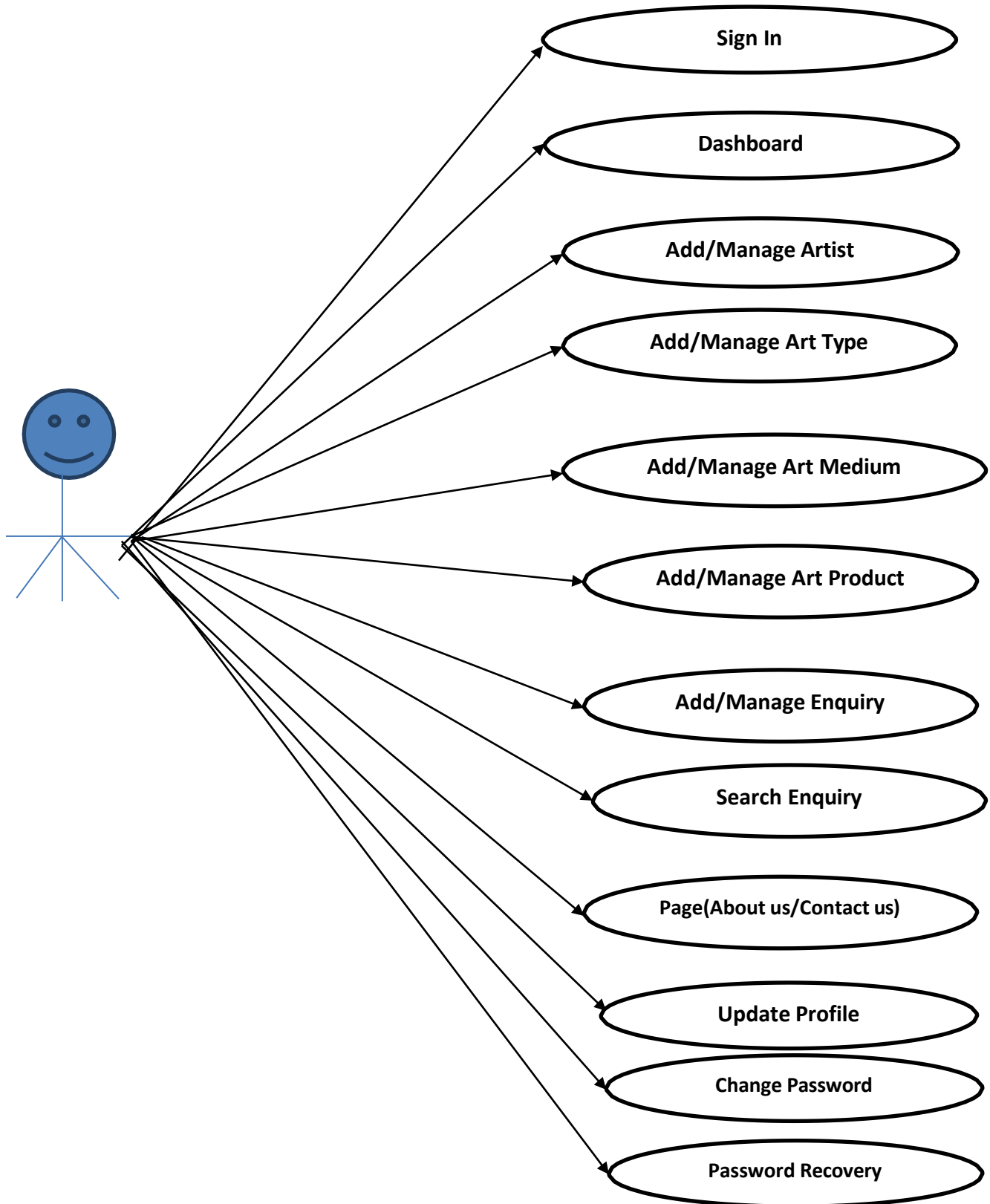
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

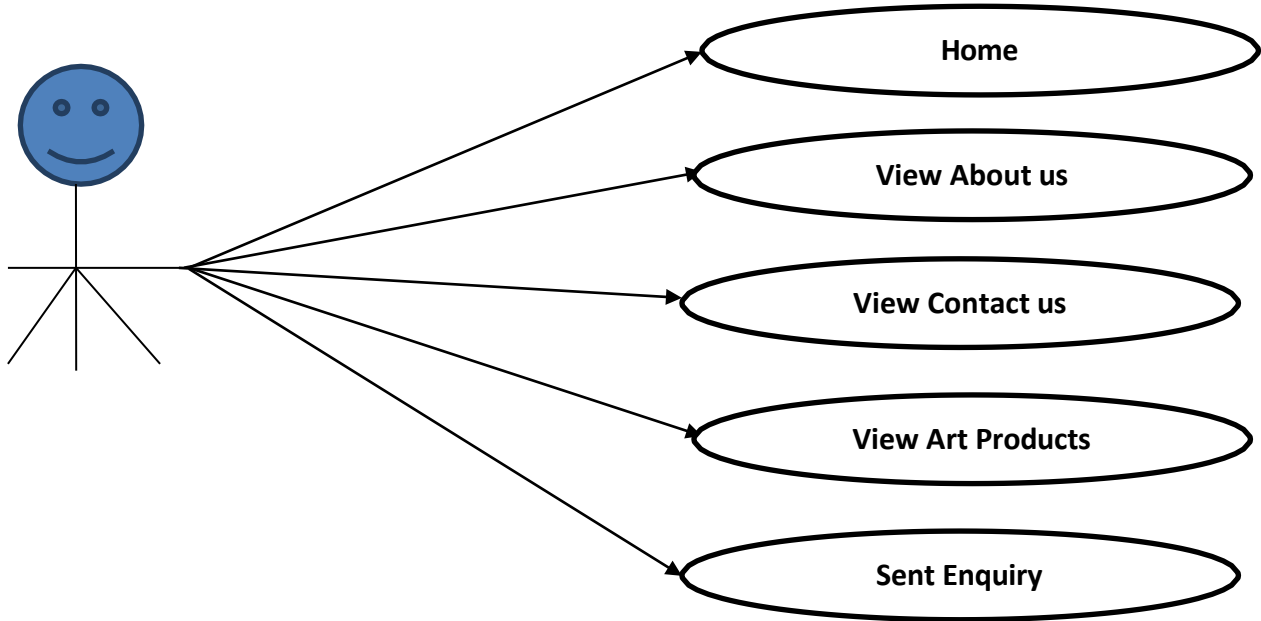
USECASE DIAGRAM: A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.

Use Case Diagrams:

Admin

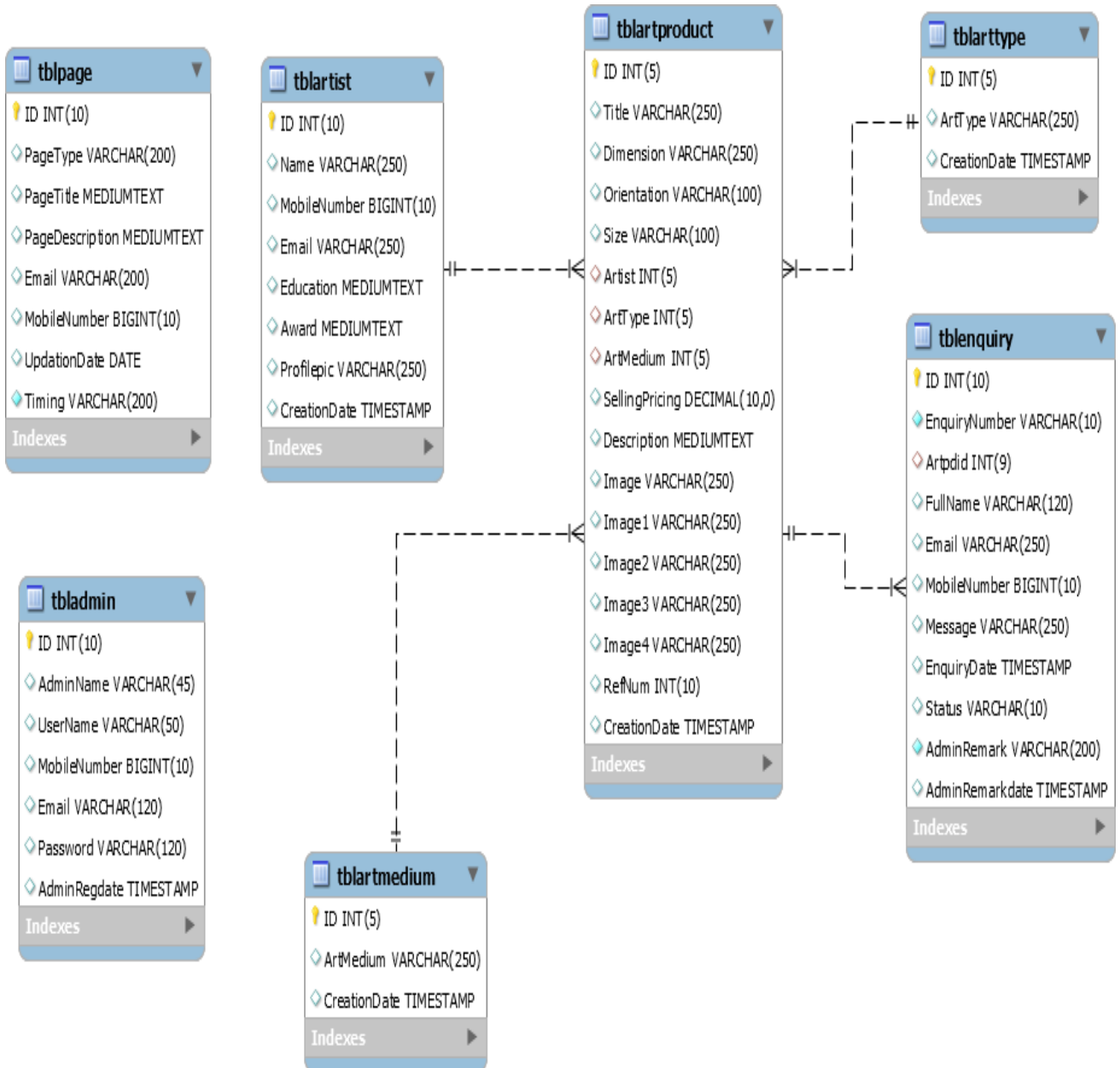


Users



Class Diagram:

A description of set of objects that share the same attributes operations, relationships, and semantics.



ER Diagram:

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

ER Notation

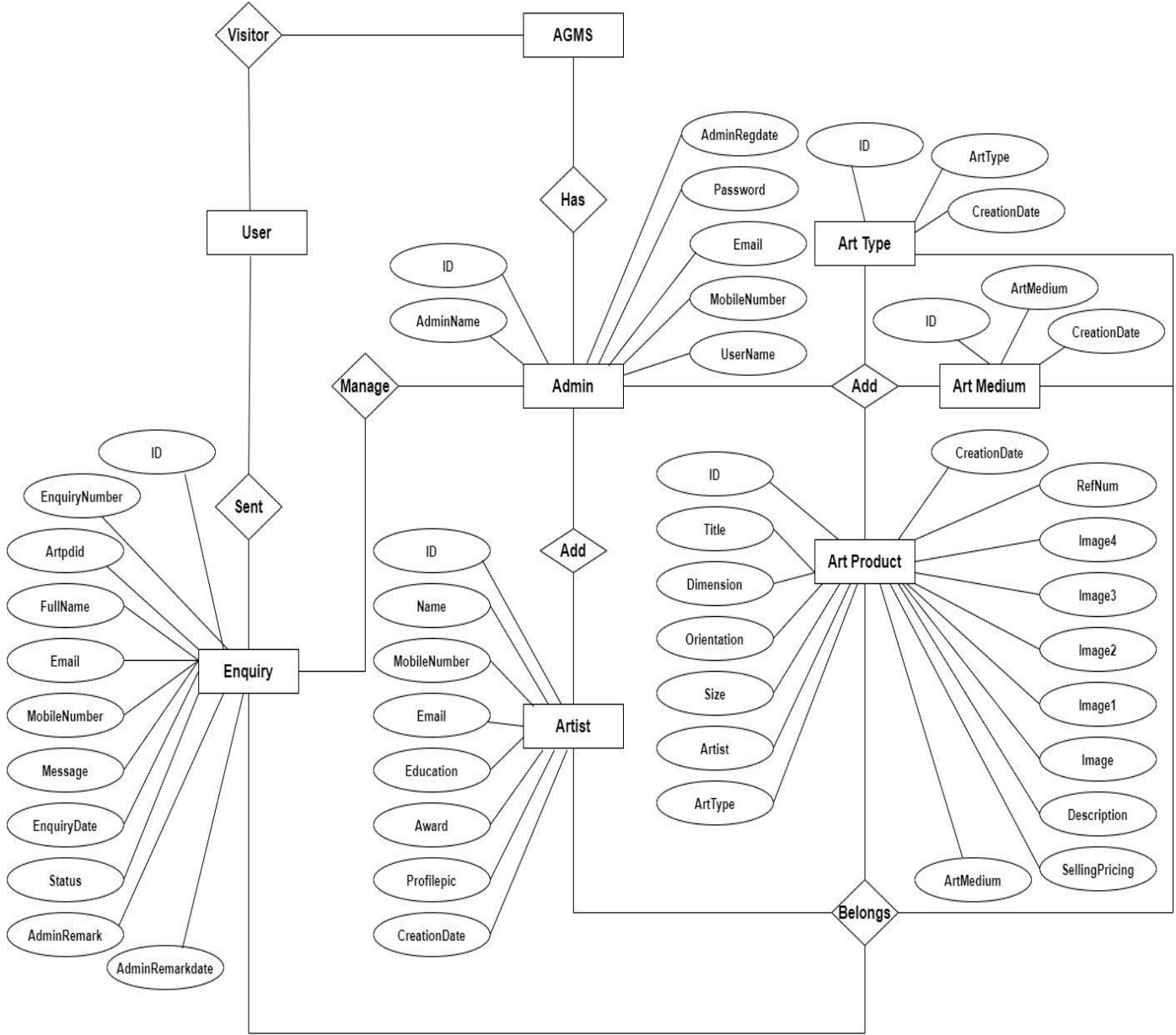
There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

- **Entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- **Relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs
- **Attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **Cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.

Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.

ER Diagram



A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It can be manual, automated, or a combination of both.


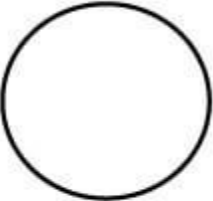

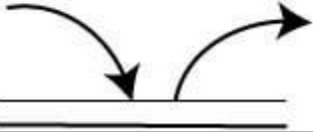
It shows how data enters and leaves the system, what changes the information, and where data is stored.

The objective of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communication tool between a system analyst and any person who plays a part in the order that acts as a starting point for redesigning a system. The DFD is also called as a data flow graph or bubble chart.

The following observations about DFDs are essential:

1. All names should be unique. This makes it easier to refer to elements in the DFD.
2. Remember that DFD is not a flow chart. Arrows in a flow chart that represents the order of events; arrows in DFD represents flowing data. A DFD does not involve any order of events.
3. Suppress logical decisions. If we ever have the urge to draw a diamond-shaped box in a DFD, suppress that urge! A diamond-shaped box is used in flow charts to represent decision points with multiple exists paths of which the only one is taken. This implies an ordering of events, which makes no sense in a DFD.
4. Do not become bogged down with details. Defer error conditions and error handling until the end of the analysis.

Standard symbols for DFDs are derived from the electric circuit diagram analysis and are shown in fig:

Symbol	Name	Function
	Data flow	Used to Connect Processes to each , other , to sources or Sinks; te arrow head indicates direction of data flow.
	Process	Performs Some transformation of Input data to yield output data.
	Source of Sink (External Entity)	A Source of System inputs or Sink of System outputs.
	Data Store	A repository of data; the arrow heads indicate net inputs and net outputs to store.

Symbols for Data Flow Diagrams

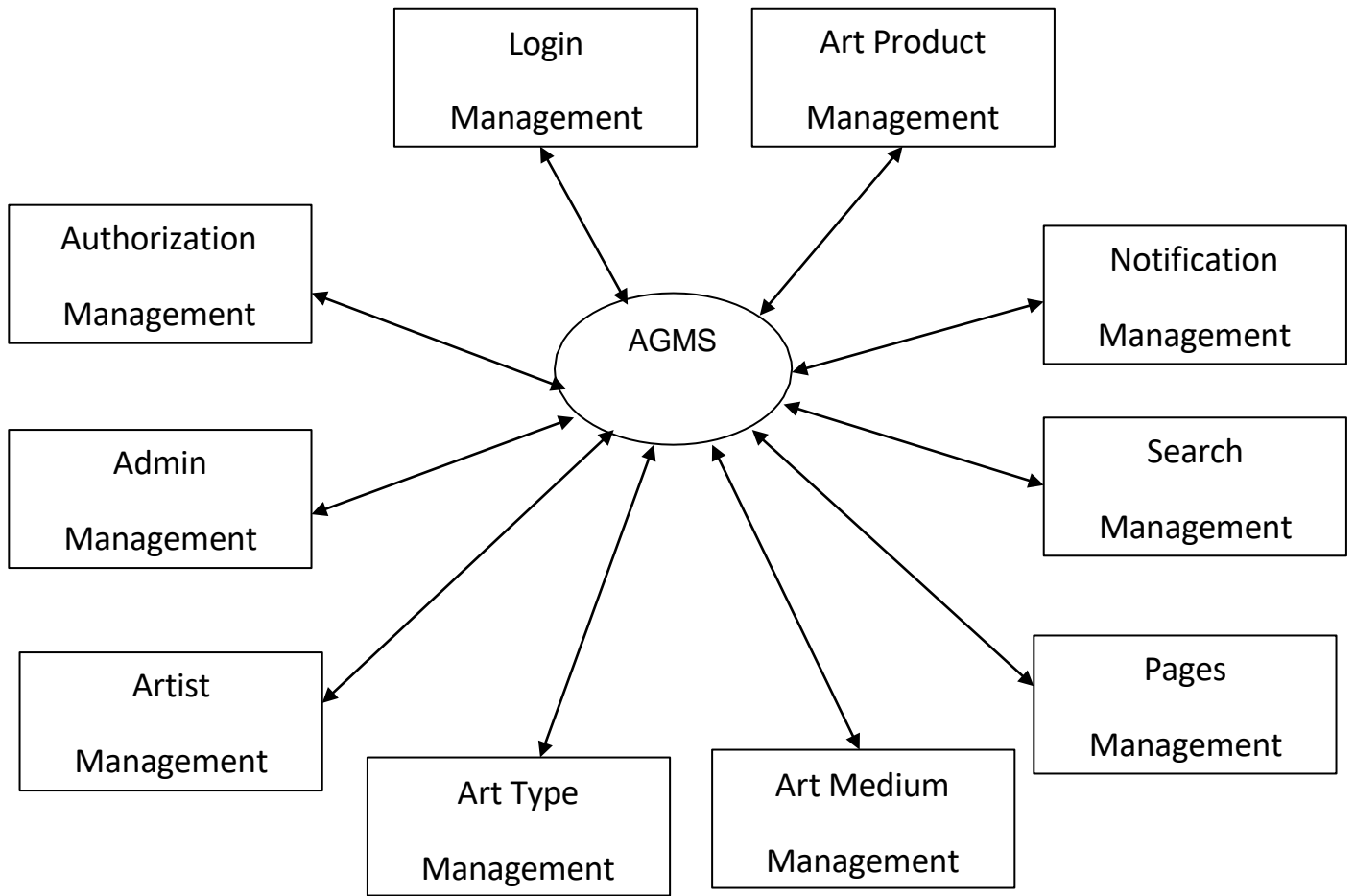
Circle: A circle (bubble) shows a process that transforms data inputs into data outputs.

Data Flow: A curved line shows the flow of data into or out of a process or data store.

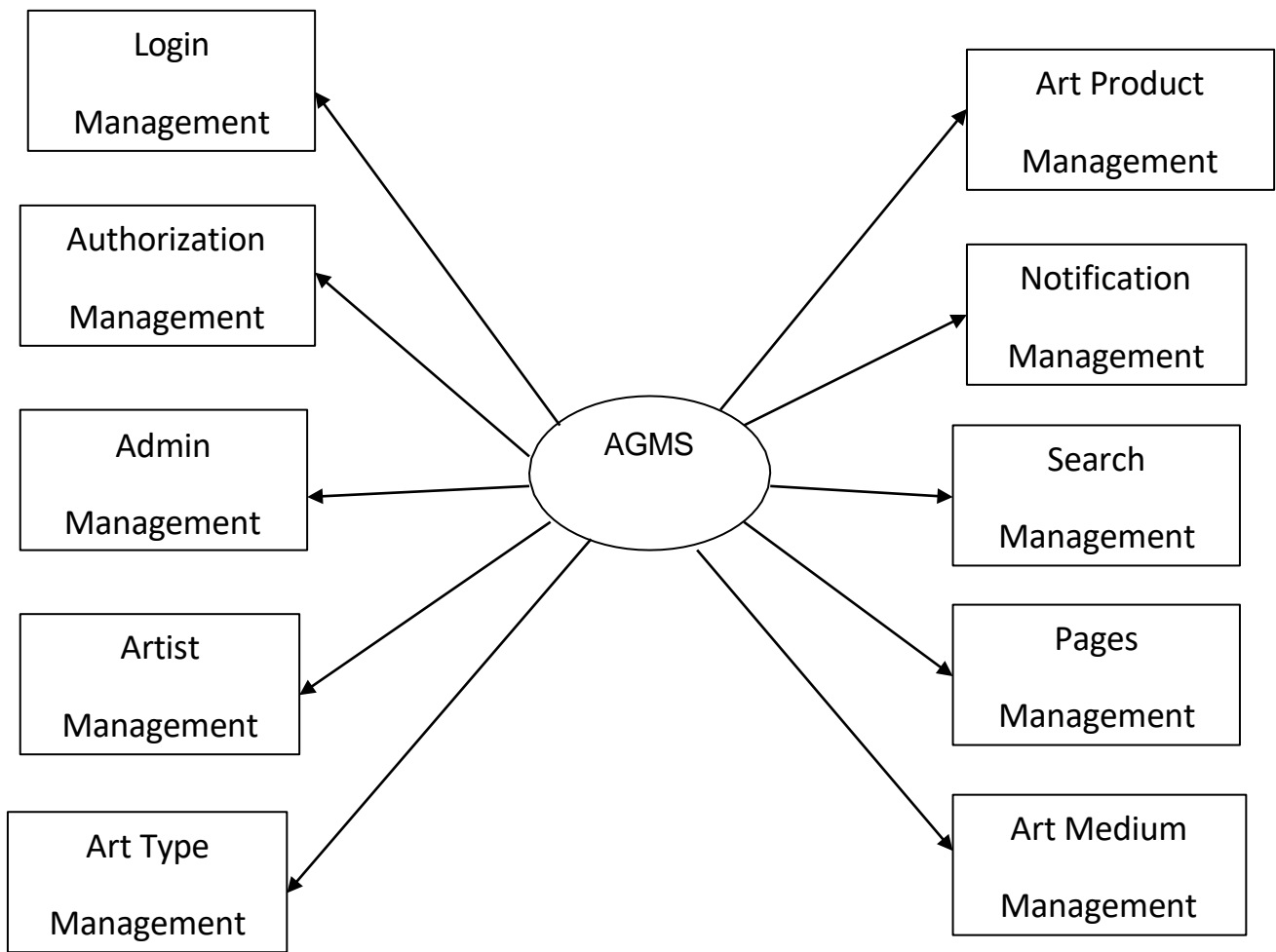
Data Store: A set of parallel lines shows a place for the collection of data items. A data store indicates that the data is stored which can be used at a later stage or by the other processes in a different order. The data store can have an element or group of elements.

Source or Sink: Source or Sink is an external entity and acts as a source of system inputs or sink of system outputs.

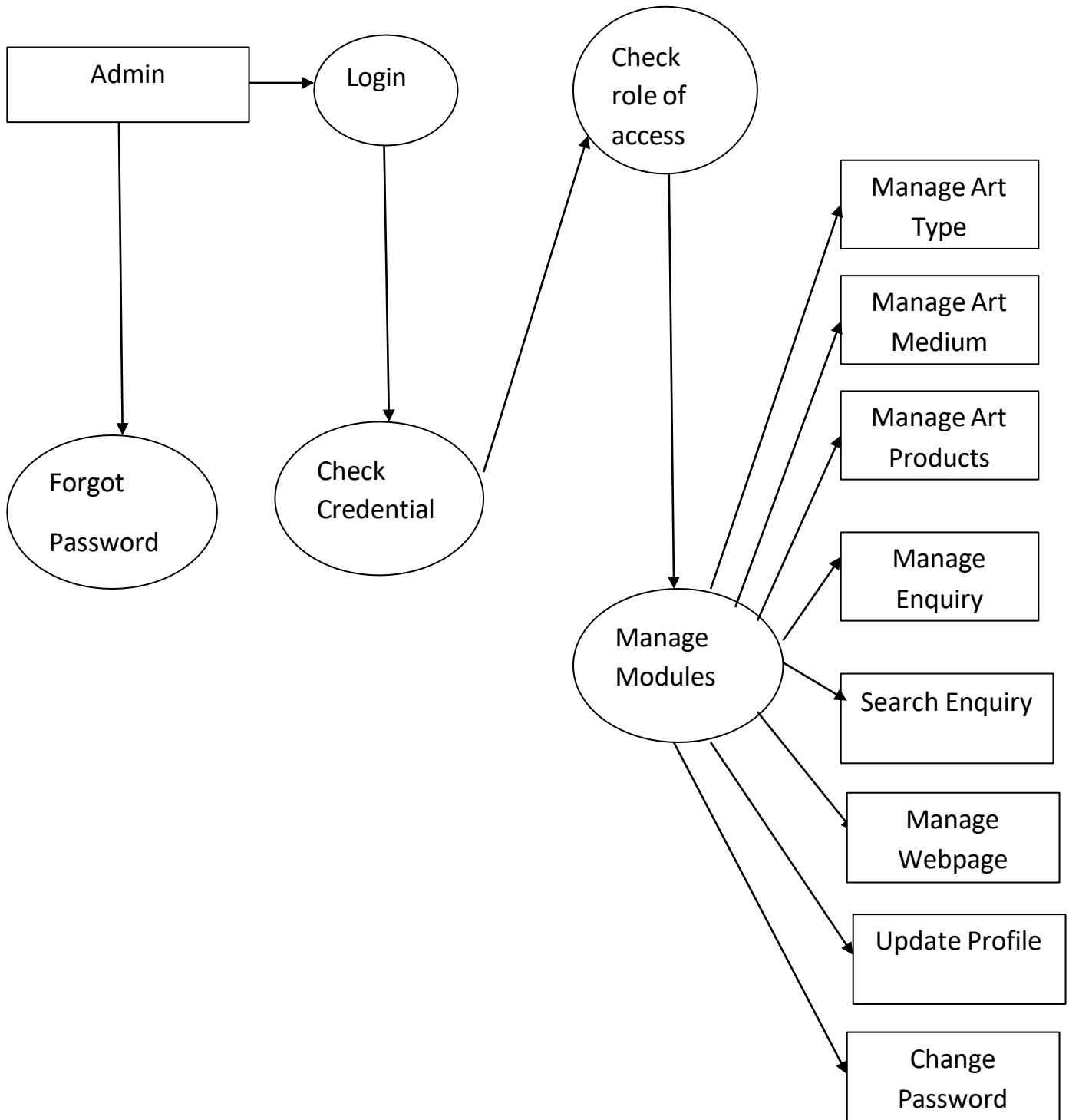
Zero Level DFD

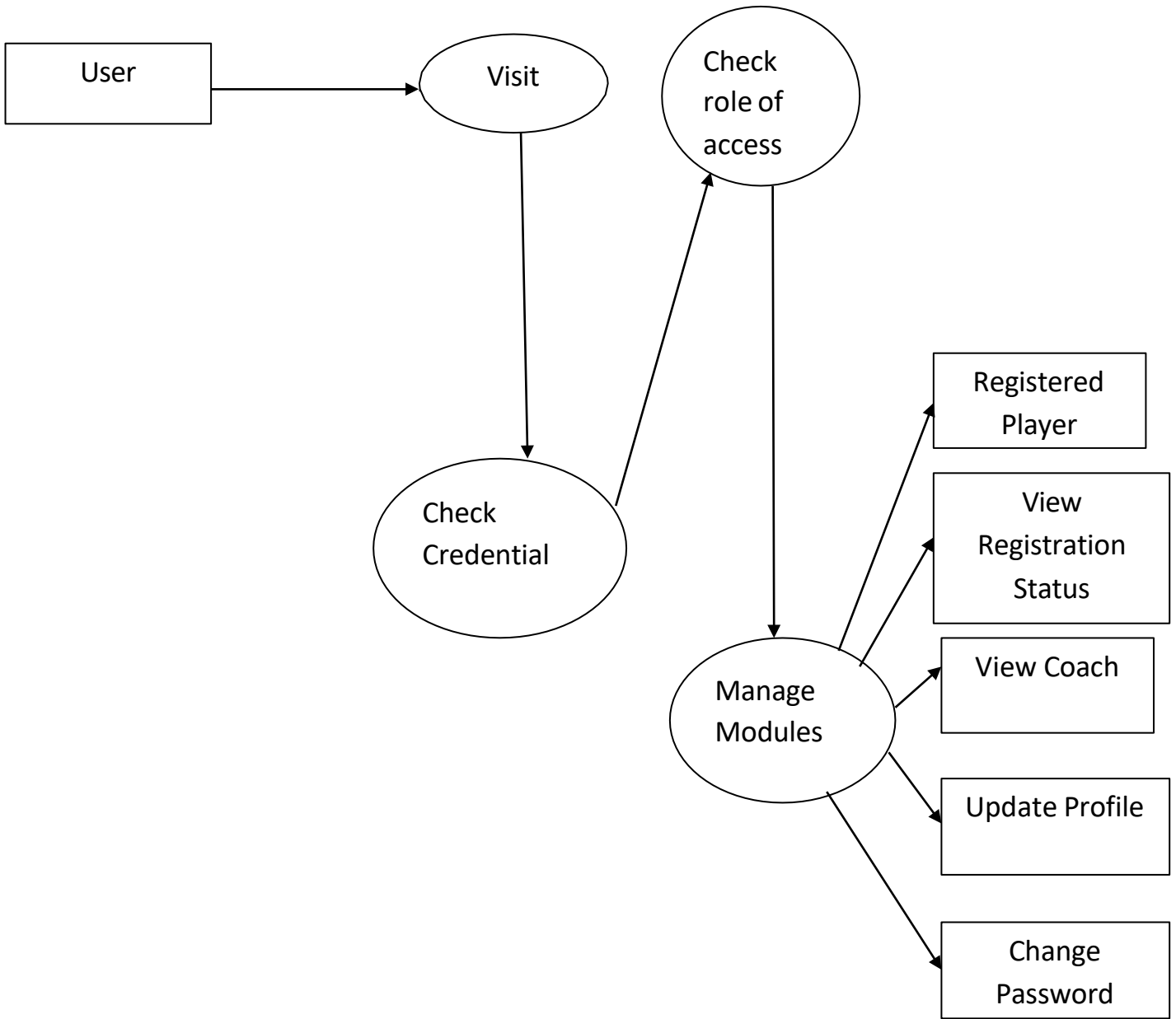


First Level DFD



Second Level DFD





MySQL Data Tables:

Admin Table :(Table name is admin)

This store admin personal and login details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(45)	latin1_swedish_ci		Yes	NULL		
3	UserName	varchar(50)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	Password	varchar(120)	latin1_swedish_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	1	A	No	

Artist Table (Table name is tblartist)

This store the detail of artist.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(10)			No	None		AUTO_INCREMENT
2	Name	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	MobileNumber	bigint(10)			Yes	NULL		
4	Email	varchar(250)	latin1_swedish_ci		Yes	NULL		
5	Education	mediumtext	latin1_swedish_ci		Yes	NULL		
6	Award	mediumtext	latin1_swedish_ci		Yes	NULL		
7	Profilepic	varchar(250)	latin1_swedish_ci		Yes	NULL		
8	CreationDate	timestamp			Yes	current_timestamp()		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	8	A	No	

Art Medium Table: (Table name is tblartmedium)

This store the art medium.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(5)			No	None		AUTO_INCREMENT
2	ArtMedium	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	CreationDate	timestamp			Yes	current_timestamp()		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	12	A	No	

Art Type Table: (Table name is tblarttype)

This store the art type.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(5)			No	None		AUTO_INCREMENT
2	ArtType	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	CreationDate	timestamp			Yes	current_timestamp()		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	7	A	No	

Enquiry Table: (Table name is tblenquiry)

This table stores the data of enquiry which is raise by users.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(10)			No	None		AUTO_INCREMENT
2	EnquiryNumber	varchar(10)	latin1_swedish_ci		No	None		
3	Artpdid	int(9)			Yes	NULL		
4	FullName	varchar(120)	latin1_swedish_ci		Yes	NULL		
5	Email	varchar(250)	latin1_swedish_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	Message	varchar(250)	latin1_swedish_ci		Yes	NULL		
8	EnquiryDate	timestamp			Yes	current_timestamp()		
9	Status	varchar(10)	latin1_swedish_ci		Yes	NULL		
10	AdminRemark	varchar(200)	latin1_swedish_ci		No	None		
11	AdminRemarkdate	timestamp			Yes	NULL		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	6	A	No	
CardId	BTREE	No	No	Artpdid	6	A	Yes	

Art Product Table: (Table name is tblartproduct)

This table stores the data of facility art products.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(5)			No	None		AUTO_INCREMENT
2	Title	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	Dimension	varchar(250)	latin1_swedish_ci		Yes	NULL		
4	Orientation	varchar(100)	latin1_swedish_ci		Yes	NULL		
5	Size	varchar(100)	latin1_swedish_ci		Yes	NULL		
6	Artist	int(5)			Yes	NULL		
7	ArtType	int(5)			Yes	NULL		
8	ArtMedium	int(5)			Yes	NULL		
9	SellingPricing	decimal(10,0)			Yes	NULL		
10	Description	mediumtext	latin1_swedish_ci		Yes	NULL		
11	Image	varchar(250)	latin1_swedish_ci		Yes	NULL		
12	Image1	varchar(250)	latin1_swedish_ci		Yes	NULL		
13	Image2	varchar(250)	latin1_swedish_ci		Yes	NULL		
14	Image3	varchar(250)	latin1_swedish_ci		Yes	NULL		
15	Image4	varchar(250)	latin1_swedish_ci		Yes	NULL		
16	RefNum	int(10)			Yes	NULL		
17	CreationDate	timestamp			Yes	current_timestamp()		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	4	A	No	

Page Table: (Table name is tblpage)

This table stores the about us and contact us details of hotels.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(10)			No	None		AUTO_INCREMENT
2	Page Type	varchar(200)	latin1_swedish_ci		Yes	NULL		
3	Page Title	mediumtext	latin1_swedish_ci		Yes	NULL		
4	PageDescription	mediumtext	latin1_swedish_ci		Yes	NULL		
5	Email	varchar(200)	latin1_swedish_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	UpdationDate	date			Yes	NULL		
8	Timing	varchar(200)	latin1_swedish_ci		No	None		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	2	A	No	

Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

1. Unit testing
2. Integration testing

UNIT TESTING

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require

- The procedures belonging to other units that the unit under test calls
- Non local data structures that module accesses
- A procedure to call the functions of the unit under test with appropriate parameters
-

1. Test for the admin module

- **Testing admin login form-**This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details
- **Report Generation:** admin can generate report from the main database.

INTEGRATION TESTING

In the Integration testing we test various combination of the project module by providing the input.

The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

Evaluation

Project URL: <http://localhost/agms>

Home Page

1234567890 info@gmail.com

Art Gallery

HOME ABOUT ART TYPE CONTACT ADMIN

Best Art And Painting For Your Choice

READ MORE

Best Products

Sculptures

Prints

Painting

Street Art

Visuals Arts

GET UP TO 75% OFF ON SELECTED ART

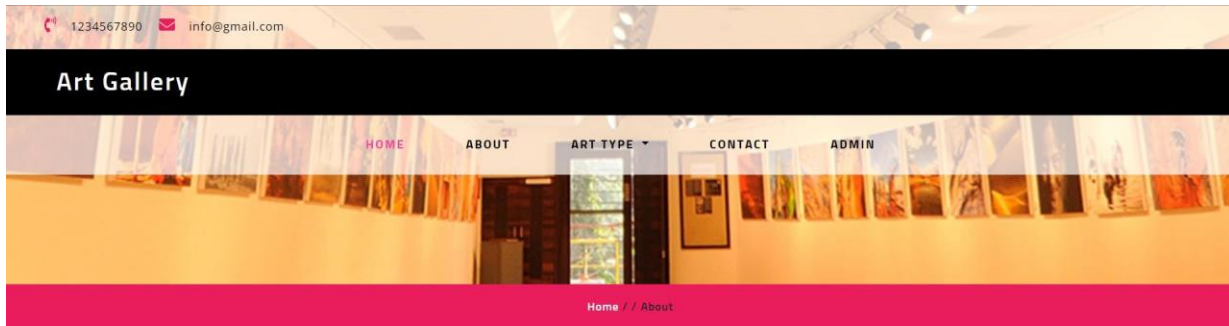
New Arrivals

About Us

An art gallery is an exhibition space to display and sell artworks. As a result, the art gallery is a commercial enterprise working with a portfolio of artists. The gallery acts as the dealer representing, supporting, and distributing the artworks by the artists in question.

Art Gallery Management System

About Us Page



About Us

WELCOME TO OUR GALLERY

An art gallery is an exhibition space to display and sell artworks. As a result, the art gallery is a commercial enterprise working with a portfolio of artists. The gallery acts as the dealer representing, supporting, and distributing the artworks by the artists in question.



ART GALLERY



Shipping

velit sagittis vehicula. Duis posuere ex in mollis iaculis. Suspendisse tincidunt



Support

velit sagittis vehicula. Duis posuere ex in mollis iaculis. Suspendisse tincidunt



Return

velit sagittis vehicula. Duis posuere ex in mollis iaculis. Suspendisse tincidunt

Art Type Product

1234567890 info@gmail.com

Art Gallery

HOME ABOUT ART TYPE CONTACT ADMIN

Home / Products

Painting


Search Here..

Art name...

Art Type

- Sculptures
- Serigraphs
- Prints
- Painting
- Street Art
- Visual art
- Conceptual art

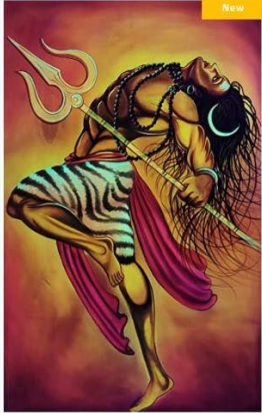
New



RADHE KRISHNA PAINTING

ENQUIRY

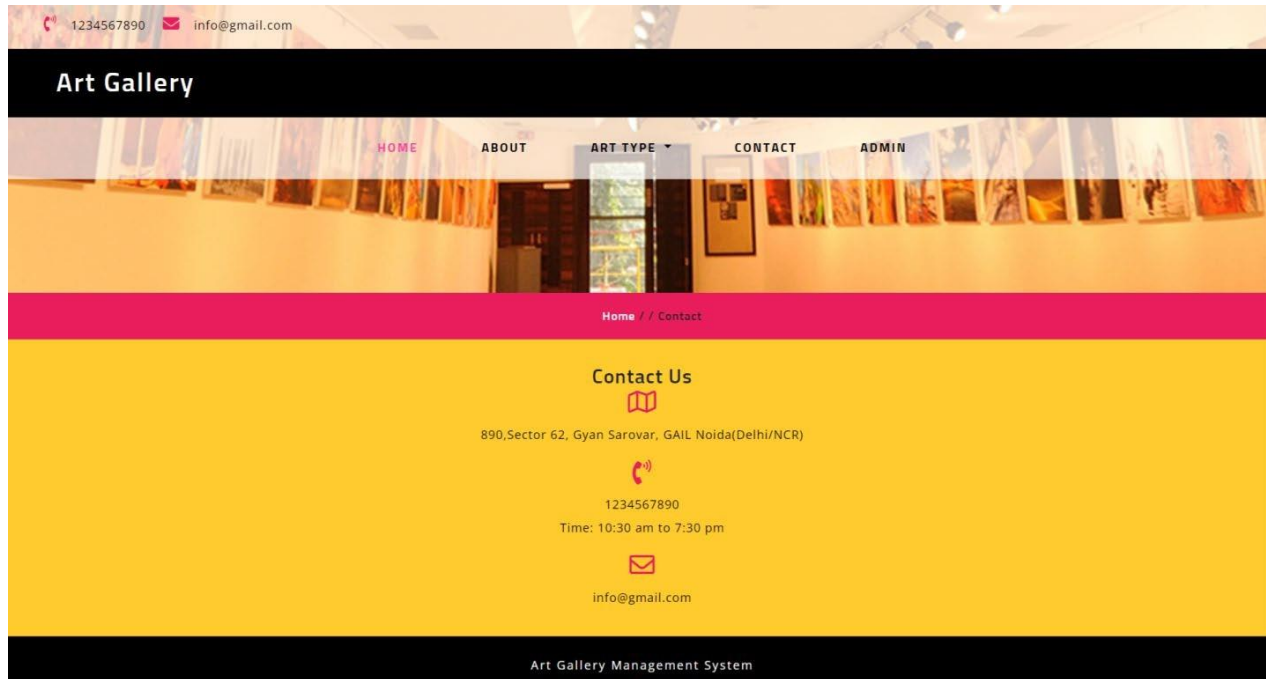
New



SHIV TANDAV PAINTING

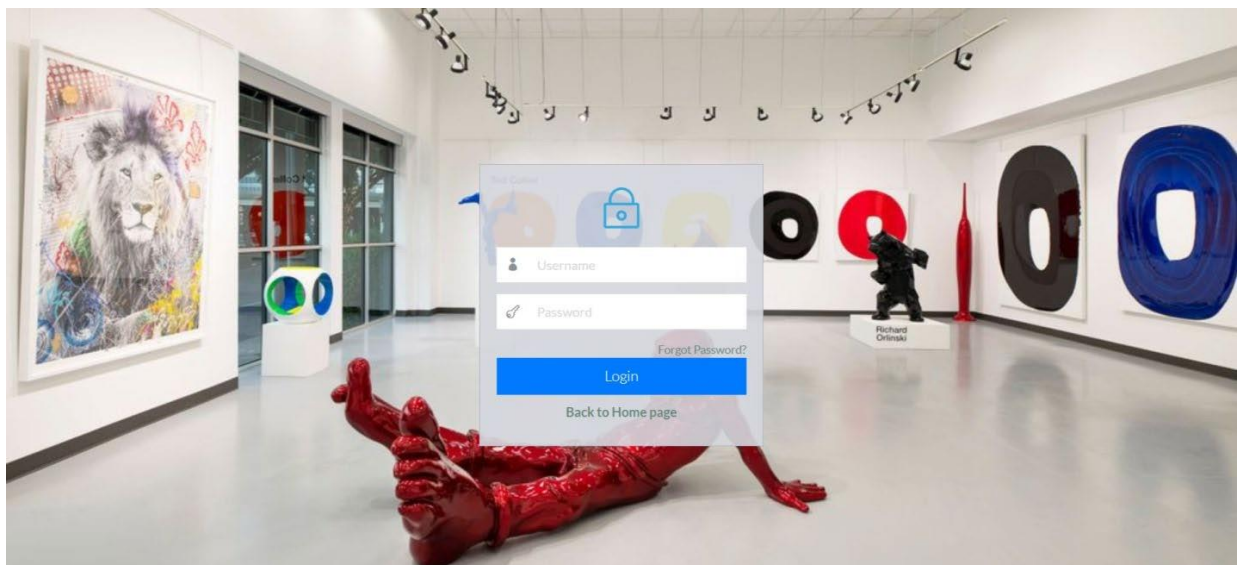
ENQUIRY

Contact Us

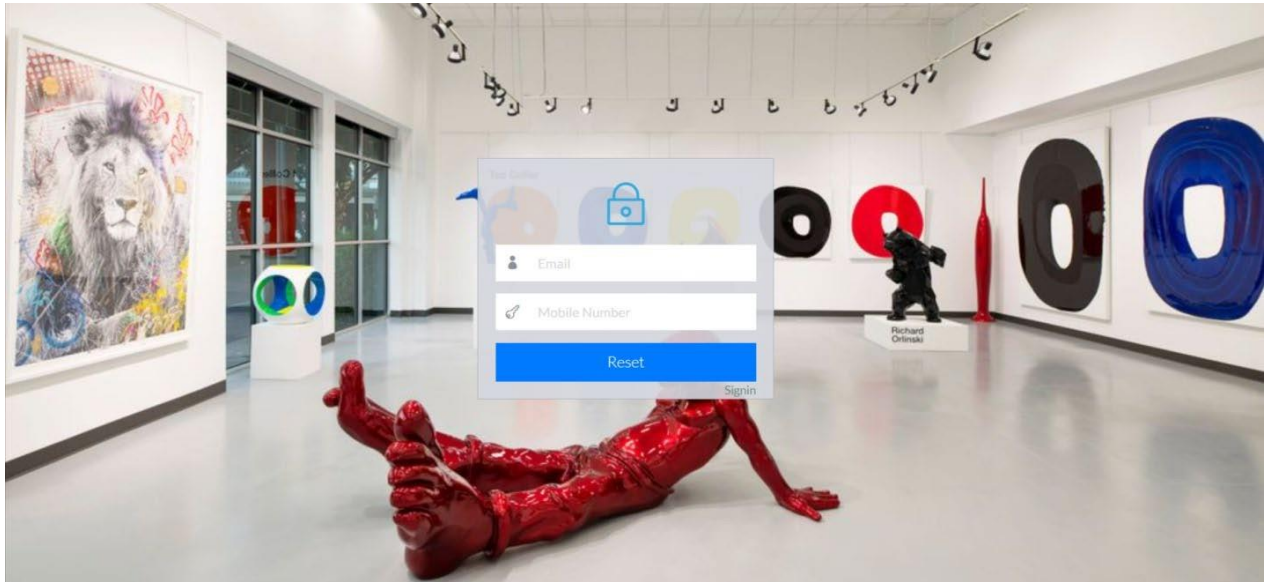


Admin Panel

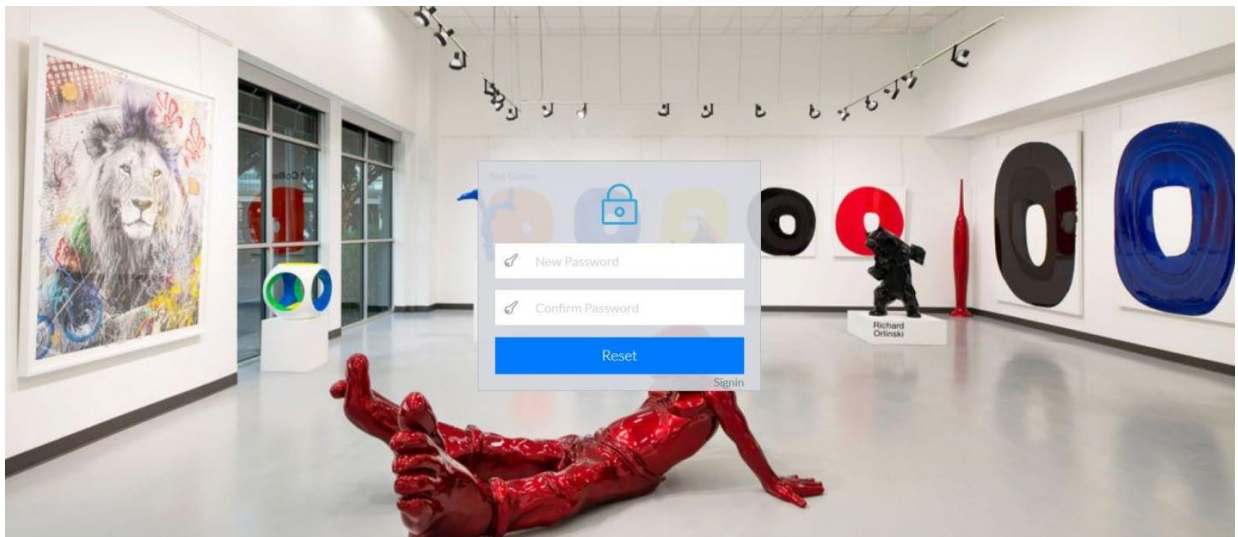
Login Page



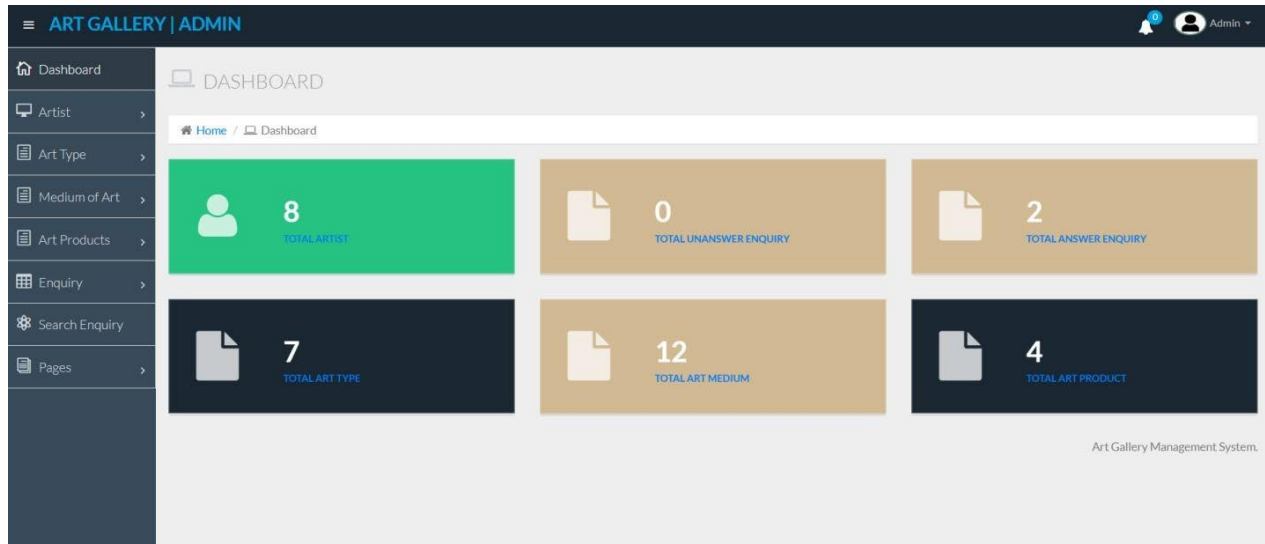
Forgot Password



Reset Password



Dashboard



ART GALLERY | ADMIN

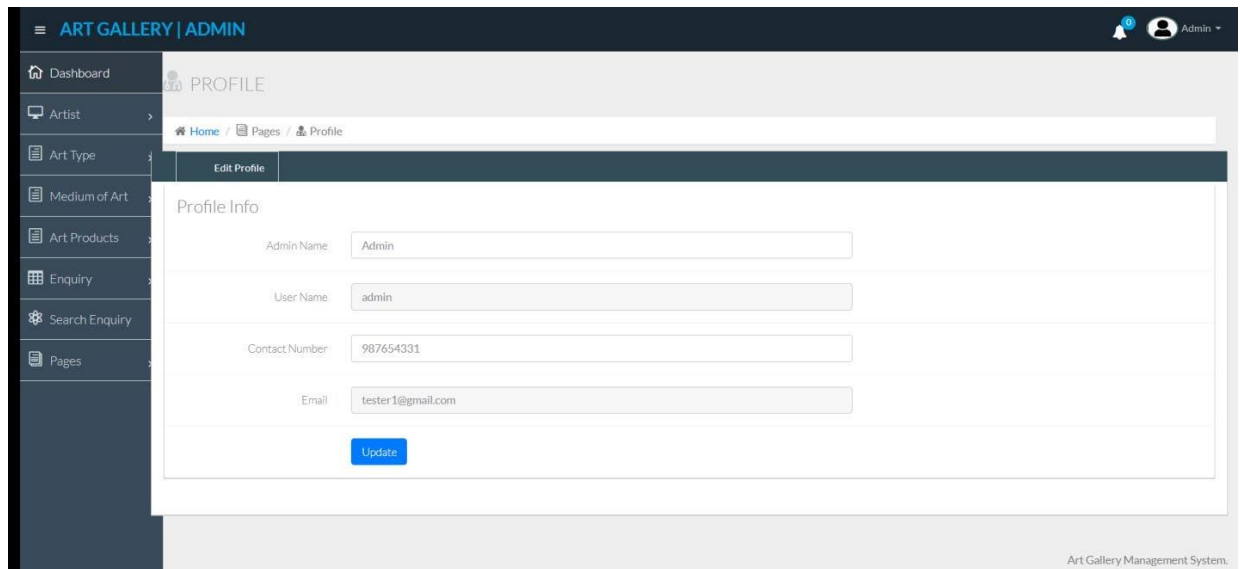
DASHBOARD

Home / Dashboard

8 TOTAL ARTIST	0 TOTAL UNANSWER ENQUIRY	2 TOTAL ANSWER ENQUIRY
7 TOTAL ART TYPE	12 TOTAL ART MEDIUM	4 TOTAL ART PRODUCT

Art Gallery Management System.

Profile



ART GALLERY | ADMIN

PROFILE

Home / Pages / Profile

Edit Profile

Profile Info

Admin Name: Admin

User Name: admin

Contact Number: 987654331

Email: tester1@gmail.com

Update

Art Gallery Management System.

Change Password

ART GALLERY | ADMIN

Admin

Dashboard

Artist

Art Type

Medium of Art

Art Products

Enquiry

Search Enquiry

Pages

CHANGE PASSWORD

Home / Change Password / Change Password

Change Password

Current Password *

New Password *

Confirm Password *

Change

Art Gallery Management System

Add Artist

ART GALLERY | ADMIN

Admin

Dashboard

Artist

Art Type

Medium of Art

Art Products

Enquiry

Search Enquiry

Pages

ADD ARTIST DETAIL

Home / Artist / Add Artist Detail

Add Artist Detail

Name

Mobile Number

Email

Education Details

Award Details

Image Choose File | No file chosen

Submit

Art Gallery Management System

Manage Artist

ART GALLERY | ADMIN

Home / Artist / Manage Artist

Manage Artist

S.NO	Name	Email	Mobile Number	Registration Date	Action
1	Mohan Das	mohan@gmail.com	7987987987	2024-01-05 19:01:25	Edit Delete
2	Dev	dev@gmail.com	3287987987	2024-03-03 19:01:25	Edit Delete
3	Kanha	kanha@gmail.com	9687987987	2024-02-02 19:01:25	Edit Delete
4	Abir Rajwansh	abir@gmail.com	5687987987	2024-02-02 19:01:25	Edit Delete
5	Krisna Dutt	krish@gmail.com	9187987987	2024-03-02 19:01:25	Edit Delete
6	Kajol Mannati	kajol@gmail.com	8187987987	2024-02-10 19:01:02	Edit Delete
7	Meera Singh	meera@gmail.com	2987987987	2023-02-10 19:01:25	Edit Delete
8	Narayan Das	narayan@gmail.com	9987987987	2024-02-10 19:01:25	Edit Delete

Update Artist

ART GALLERY | ADMIN

UPDATE ARTIST DETAIL

Home / Artist / Artist Detail

Update Company Detail


Name:

Mobile Number:

Email:

Education Details:

Award Details:

Profile Pics:  [Edit Image](#)

[Update](#)

Art Gallery Management System

Update Artist Image

ART GALLERY | ADMIN Admin

Dashboard

Artist

Art Type

Medium of Art

Art Products

Enquiry

Search Enquiry


Pages

UPDATE ARTIST IMAGE

Home / Artist Image / Update Artist Image

Update Artist Image

Name:

Image: 

New Image: No file chosen

Art Gallery Management System

Add Art Type

ART GALLERY | ADMIN Admin

Dashboard

Artist

Art Type

Add Type

Manage Type

Medium of Art

Art Products

Enquiry

Search Enquiry

Pages

ADD ART TYPE

Home / Art Type / Add Art Type

Add Art Type

Art Type:

Art Gallery Management System

Manage Art Type

ART GALLERY | ADMIN Admin

- Dashboard
- Artist
- Art Type
- Medium of Art
- Art Products
- Enquiry
- Search Enquiry
- Pages

Home / Manage Art Type / Manage Art Type

Manage Art Type

S.NO	Type of Art	Creation Date	Action
1	Sculptures	2024-02-01 19:51:13	Edit Delete
2	Serigraphs	2024-02-01 19:54:46	Edit Delete
3	Prints	2024-01-01 19:55:00	Edit Delete
4	Painting	2024-01-01 19:55:03	Edit Delete
5	Street Art	2024-02-01 19:56:06	Edit Delete
6	Visual art	2024-02-01 19:56:02	Edit Delete
7	Conceptual art	2024-02-01 19:56:45	Edit Delete

Art Gallery Management System

Update Art Type

ART GALLERY | ADMIN Admin

- Dashboard
- Artist
- Art Type
- Medium of Art
- Art Products
- Enquiry
- Search Enquiry
- Pages

Home / Update Art Type / Update Art Type Detail

UPDATE ART TYPE DETAIL

Update Art Type Detail

Art Type:

[Update](#)

Art Gallery Management System

Add Art Medium

ART GALLERY | ADMIN

Dashboard

Artist

Art Type

Medium of Art

Art Products

Enquiry

Search Enquiry

Pages

ADD ART MEDIUM

Home / Art Medium / Add Art Medium

Add Art Medium

Art Medium

Submit

Art Gallery Management System

Manage Art Medium

ART GALLERY | ADMIN

Dashboard

Artist

Art Type

Medium of Art

Art Products

Enquiry

Search Enquiry

Pages

Manage Art Medium

Home / Manage Art Medium / Manage Art Medium

S.NO	Medium of Art	Creation Date	Action
1	Wood and Bronze	2024-02-03 10:27:04	Edit Delete
2	Acrylic on canvas	2024-02-16 10:27:34	Edit Delete
3	Resin	2024-01-07 10:28:00	Edit Delete
4	Mixed Media	2024-02-08 11:39:12	Edit Delete
5	Bronze	2024-02-10 11:39:35	Edit Delete
6	Fibre	2024-02-09 11:39:53	Edit Delete
7	Steel	2024-02-10 11:40:16	Edit Delete
8	Metal	2024-02-17 11:40:35	Edit Delete

Art Gallery Management System

Update Art Medium

ART GALLERY | ADMIN

Dashboard

Artist

Art Type

Medium of Art

Art Products

Enquiry

Search Enquiry

Pages

UPDATE ART MEDIUM DETAIL

Home / Update Art Medium / Update Art Medium Detail

Update Art Medium Detail

Art Medium Wood and Bronze

Update

Art Gallery Management System

Add Art Products

ART GALLERY | ADMIN
Admin

ADD ART PRODUCT DETAIL

Home / Art Product / Art Product Detail

- Dashboard
- Artist
- Art Type
- Medium of Art
- Art Products
- Enquiry
- Search Enquiry
- Pages

Add Art Product Detail

Title

Featured Image No file chosen

Art Product Image1 No file chosen

Art Product Image2 No file chosen

Art Product Image3 No file chosen

Art Product Image4 No file chosen

Dimension

Orientation

Size

Artist

Art Type

Art Medium

Selling Price

Art Product Description





Art Gallery Management System

Manage Art Products

ART GALLERY | ADMIN
Admin

Home / Manage Art Product / Manage Art Product

Manage Art Product

S.NO	Reference Number	Title	Image	Creation Date	Action
1	586429003	Radhe Krishna Painting		2024-02-03 10:27:34	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
2	686429002	Shiv Tandav Painting		2024-02-02 10:29:42	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	686429003	Stutue of Afel Tower		2024-02-02 10:32:33	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
4	586429004	HKjhkj		2024-02-02 10:43:30	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Un Answer Enquiry

ART GALLERY | ADMIN

UNANSWER ENQUIRY

Home / Enquiry / Unanswer Enquiry

Unanswer Enquiry

S.NO	Enquiry Number	Full Name	Mobile Number	Enquiry Date	Action
------	----------------	-----------	---------------	--------------	--------

Art Gallery Management S

View details of un answer enquiry

ART GALLERY | ADMIN

VIEW ENQUIRY

Home / Enquiry / View Enquiry

View Enquiry Details

Enquiry Number	230873611	Art Name	Stutue of Afel Tower View Details
Full Name	Anuj kumar	Email	ak@test.com
Art Reference Number	686429003	Enquiry Date	2024-01-02 23:46:47
MobileNumber	1234567890	Status	Answer Enquiry
Message	This is for testing Purpose.	Remark	test purpose
Remark date	2024-01-02 00:00:00		

Art Gallery Management S

Answer Enquiry

ART GALLERY | ADMIN Admin

- Dashboard
- Artist
- Art Type
- Medium of Art
- Art Products
- Enquiry
- Search Enquiry
- Pages

ANSWER ENQUIRY

[Home](#) / [Enquiry](#) / [Answer Enquiry](#)

Answer Enquiry

S.NO	Enquiry Number	Full Name	Mobile Number	Enquiry Date	Action
1	230873611	Anuj kumar	1234567890	2024-01-02 23:46:47	View Details
2	227883179	Amit Kumar	1234434321	2024-01-03 00:12:42	View Details
3	473994306	rajesh	2342134213	2024-04-03 13:55:18	View Details

Art Gallery Management Sys

View Answer Enquiry

ART GALLERY | ADMIN Admin

- Dashboard
- Artist
- Art Type
- Medium of Art
- Art Products
- Enquiry
- Search Enquiry
- Pages

VIEW ENQUIRY

[Home](#) / [Enquiry](#) / [View Enquiry](#)

View Enquiry Details

Enquiry Number	227883179	Art Name	HKjhkj View Details
Full Name	Amit Kumar	Email	amitk55@test.com
Art Reference Number	586429004	Enquiry Date	2024-01-03 00:12:42
MobileNumber	1234434321	Status	Answer Enquiry
Message	I want this painting	Remark	testing purpose
Remark date	2024-01-03 00:13:16		

Art Gallery Management Sys

Search Enquiry

ART GALLERY | ADMIN

Admin

- Dashboard
- Artist
- Art Type
- Medium of Art
- Art Products
- Enquiry
- Search Enquiry
- Pages

SEARCH ENQUIRY

Home / Enquiry / Search Enquiry

Search Enquiry

Search by Enquiry Number / Name / Mobile No.

Submit

Result against "Anuj kumar" keyword

S.NO	Enquiry Number	Full Name	Mobile Number	Enquiry Date	Action
1	230873611	Anuj kumar	1234567890	2024-01-02 23:46:47	View Details

Art Gallery Management Sys

About Us Page

ART GALLERY | ADMIN

Admin

- Dashboard
- Artist
- Art Type
- Medium of Art
- Art Products
- Enquiry
- Search Enquiry
- Pages

ABOUT US

Home / About Us / About Us

About Us

Page Title*

Page Description*
An art gallery is an exhibition space to display and sell artworks. As a result, the art gallery is a commercial enterprise working with a portfolio of artists. The gallery acts as the dealer representing, supporting, and distributing the artworks by the artists in question.

Update

Art Gallery Management System

Contact Us Page

The screenshot displays an admin dashboard for an art gallery. The top navigation bar includes the text 'ART GALLERY | ADMIN' and a user profile 'Admin'. A sidebar on the left lists various management options: Dashboard, Artist, Art Type, Medium of Art, Art Products, Enquiry, Search Enquiry, and Pages. The main content area is titled 'CONTACT US' and shows a breadcrumb trail: Home / Contact Us / Contact Us. Below this, the page configuration form is visible, containing the following fields:

- Page Title ***: Contact Us
- Email ***: info@gmail.com
- Phone Number ***: 1234567890
- Timing ***: 10:30 am to 7:30 pm
- Page Description ***: 890.Sector 62, Gyan Sarovar, GAIL Noida(Delhi/NCR)

An 'Update' button is located at the bottom of the form. The footer of the page reads 'Art Gallery Management System'.

Conclusion

This Application provides a computerized and automated version of Art Gallery Management System which will benefit the hotel companies and their users.

It makes entire process online and can generate reports. It has a facility of user's login where users can view their booking details.

The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

References

For PHP

- <https://www.w3schools.com/php/default.asp>
- <https://www.sitepoint.com/php/>
- <https://www.php.net/>

For MySQL

- <https://www.mysql.com/>
- <http://www.mysqltutorial.org>

For XAMPP

- <https://www.apachefriends.org/download.html>

PROJECT REPORT
ON
STUDENT STUDY CENTER MANAGEMENT SYSTEM

Submitted in partial fulfillment of the requirements for the award of degree of

MSC(CS) (MASTER OF COMPUTER SCIENCE)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

Ms.Anima Mahajan

Assistant Professor

Deptt. Of Computer Science

Submitted By:

Manpreet Kaur

(20672225408)

Shakshi

(20672225407)

POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE
GURU NANAK DEV UNIVERSITY, AMRITSAR

Acknowledgement

With deep sense of gratitude We express our sincere thanks and obligation to our esteemed guide Ms. Anima Mahajan (Assistant Professor). It is because of her able and mature guidance and co-operation without which it would not have been possible for us to complete our project. We would also like to thank Mrs. Deepak Jyoti, HOD, Post Graduate Deptt. of Comp Science, Shanti Devi Arya Mahila College, Dinanagar for providing the institute with an environment where one can use her intellect and creativity to develop something fruitful and also for allowing us the opportunity to experience dynamic professional environment during us Training. This environment facilitated us in pursuing this project. It is our pleasant duty to thank all the staff members of the Computer Department for their time to time suggestions. Finally, We would like to thank the almighty and my parents for their moral support and my friends with whom We shared our day-to-day experience and received lots of suggestions that improved our quality of work.

Manpreet kaur
(20672225408)

Shakshi
(20672225407)

CERTIFICATE OF APPROVAL

This is certify that the project report entitled **Student Study Center Management System** submitted to Shanti Devi Arya Mahila College, Dinanagar in partial fulfillment of the requirement for the award of Degree of Msc(CS) (Master of Computer Science) , is an authentic and original work carried out by Manpreet Kaur (20672225408) Shakshi (20672225407) under our guidance and supervision. The Post Graduate deptt. of Computer Science has accepted the report as the fulfillment of the requirements for the Degree of Master of Computer Science. No part of this report has been submitted to any other College/University for the reward of any Degree to the best of our knowledge.

Miss Anima Mahajan

Assistant Professor (Comp Sc.)
(Project Supervisor)

Shanti Devi Mahila College
Dinanagar

Mrs. Deepak Jyoti

Hod, PG Department of Computer Sc.

Shanti Devi Mahila College
Dinanagar

DECLARATION

We hereby declare that this project report on “ **Student Study CenterManagemnet** ” which is being submitted in partial fulfillment of the Training Programme of Msc(CS) (Master of Computer Science) to Shanti Devi Arya Mahila College, Dinanagar is the result of the work carried out by us, under the guidance of Anima Mahajan (Assistant Professor). Shanti Devi Arya College, Dinanagar.

Manpreet kaur
(20672225408)

Shakshi
(20672225407)

Abstract

“Student Study Center Management System” contains data and information of student who want to study in study center. The main purpose of SSCM is to systematically record, store and update the details of admin/student and also manage the desk to students. It is a user friendly system which is used by any study center easily.

“Student Study Center Management System” can lead to error free, secure, reliable and fast management system. It assists the user to concentrate on their other activities rather concentrate on the record keeping. Thus it will help study centers in better utilization of resources. The study centers can maintain computerized records without redundant entries. That means that one need not be distracted by information that not relevant, while being able to reach the information.

The aim to automate its existing manual system by the help of computerized equipments and full-fledge computer software, fulfilling their requirements, so that their valuable data/information can be stored for a long period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the study centers.

Introduction

Introduction:-

“Student Study Center Management System” contains data and information of student who want to study in study center. The main purpose of SSCM is to systematically record, store and update the details of admin/student and also manage the desk to students.

In “Student Study Center Management System” we use PHP and MySQL database. This is the project which keeps records of admin/student and also manage the desk to students.

In SSCMS project we use PHP and MySQL database. It has One module.

Admin Module

Dashboard: In this section, admin can view the total, available, and occupied Desks. Admin can also view the total registered users.

Desks: In this section, admin can manage the desks (add, update, delete).

Students: In this section, admin can manage the students (add, update, delete, view details).

Assigned/Un-Assigned Desk: In this section, admin can assign and un-assign the desk to the students.

Report: In this section, admin can generate the b/w dates report of assigned desks.

Admin can also update his profile, change password and recover password.

Purpose

In the Previous System, Details are Stored Manually in papers, to share the details between study centers was a financial drawback. Updatons in the details is a tedious task.

But a new system was proposed to overcome the above drawbacks.

Functionalities and advantages of proposed system are:

- Data is Centralized which has overcome the Sharing problem in previous system.
- As data is Maintained electronically, it's easy for a person to update the details, which has overcome the tedious updation in previous system.
- Maintenance is easy and performance is good.

Scope

“Student Study Center Management System” contains data and information of student who want to study in study center. The main purpose of SSCM is to systematically record, store and update the details of admin/student and also manage the desk to students. It is a user friendly system which is used by any study center easily.

The aim to automate its existing manual system by the help of computerized equipments and full-fledge computer software, fulfilling their requirements, so that their valuable data/information can be stored for a long period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the study centers.

Requirement Specification

Hardware Configuration :

Client Side:

RAM	512 MB
Hard disk	10 GB
Processor	1.0 GHz

Server side:

RAM	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Client Side:

Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Server Side:

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MYSQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server ("httpd") was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- PHP stands for PHP: Hypertext Preprocessor
- PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.
- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software.
- PHP is free to download and use.

MYSQL

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use
- How to access MySQL:

<http://localhost/phpmyadmin>

Analysis and Design

Analysis:

“Student Study Center Management System” contains data and information of student who want to study in study center. The main purpose of SSCM is to systematically record, store and update the details of admin/student and also manage the desk to students. It is a user friendly system which is used by any study center easily.

Disadvantage of present system:

- **Not user friendly:** The present system not user friendly because data is not stored in structure and proper format.
- **Manual Control:** All report calculation is done manually so there is a chance of error.
- **Lots of paper work:** Lawyers/Advocates record maintain in the register so lots of paper require storing details.
- **Time consuming**

Design Introduction:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data

UML Diagrams:

Actor:

A coherent set of roles that users of use cases play when interacting with the use `cases.



Use case: A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.



UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

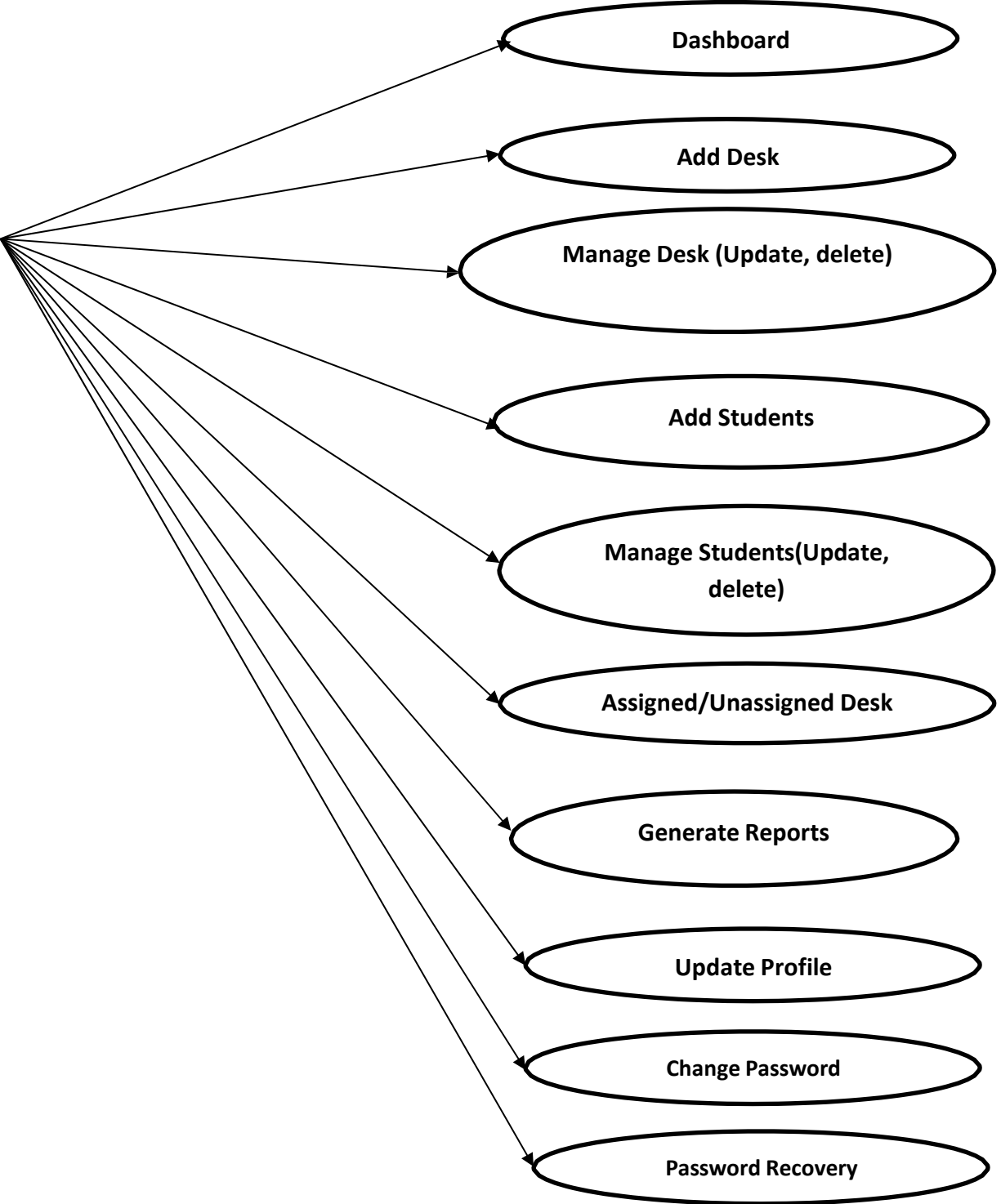
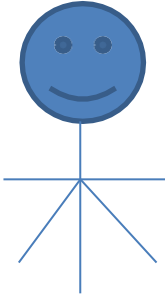
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

USECASE DIAGRAM: A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.

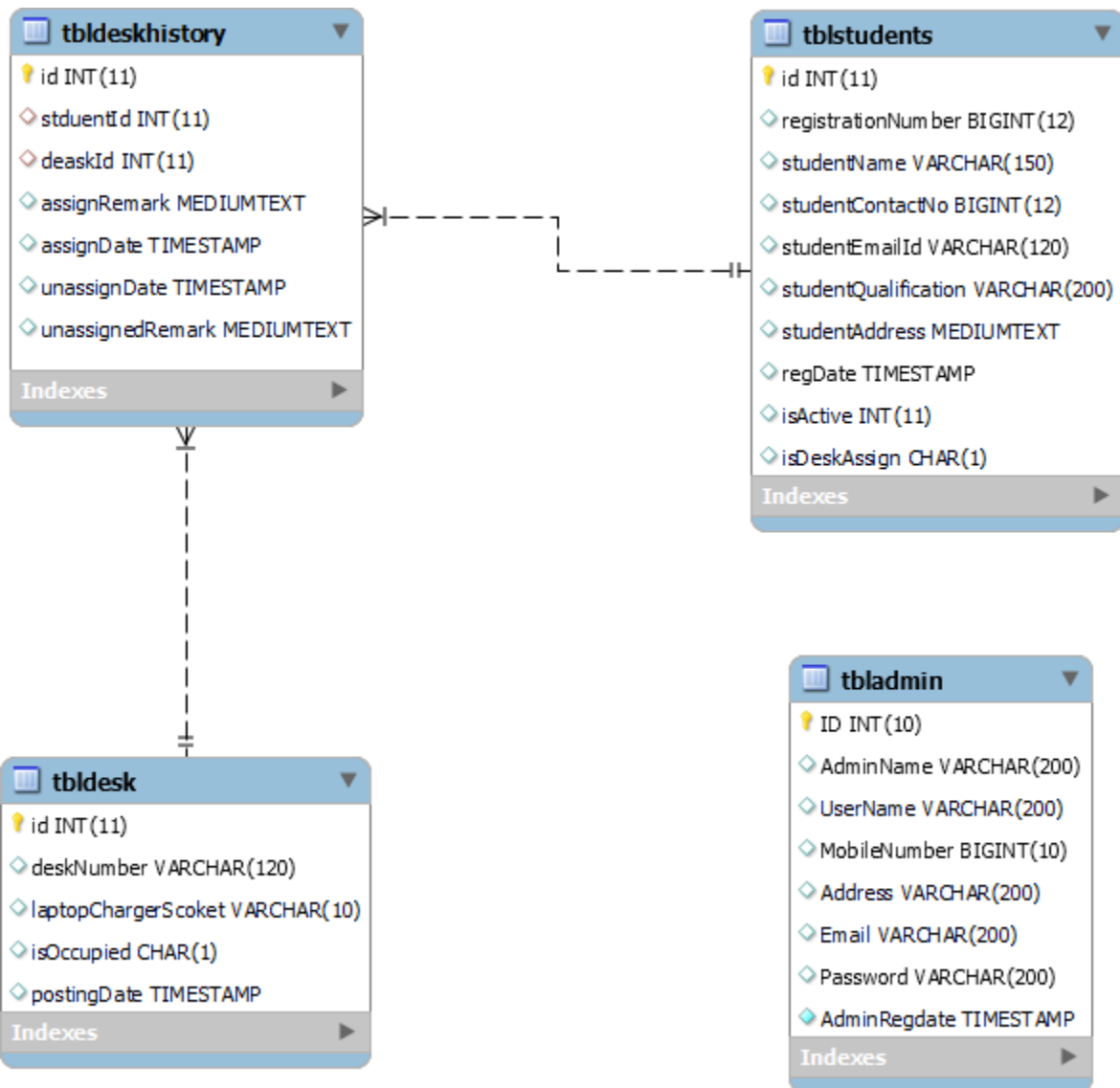
Use Case Diagrams:

Admin



Class Diagram:

A description of set of objects that share the same attributes operations, relationships, and semantics



ER Diagram:

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

ER Notation

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

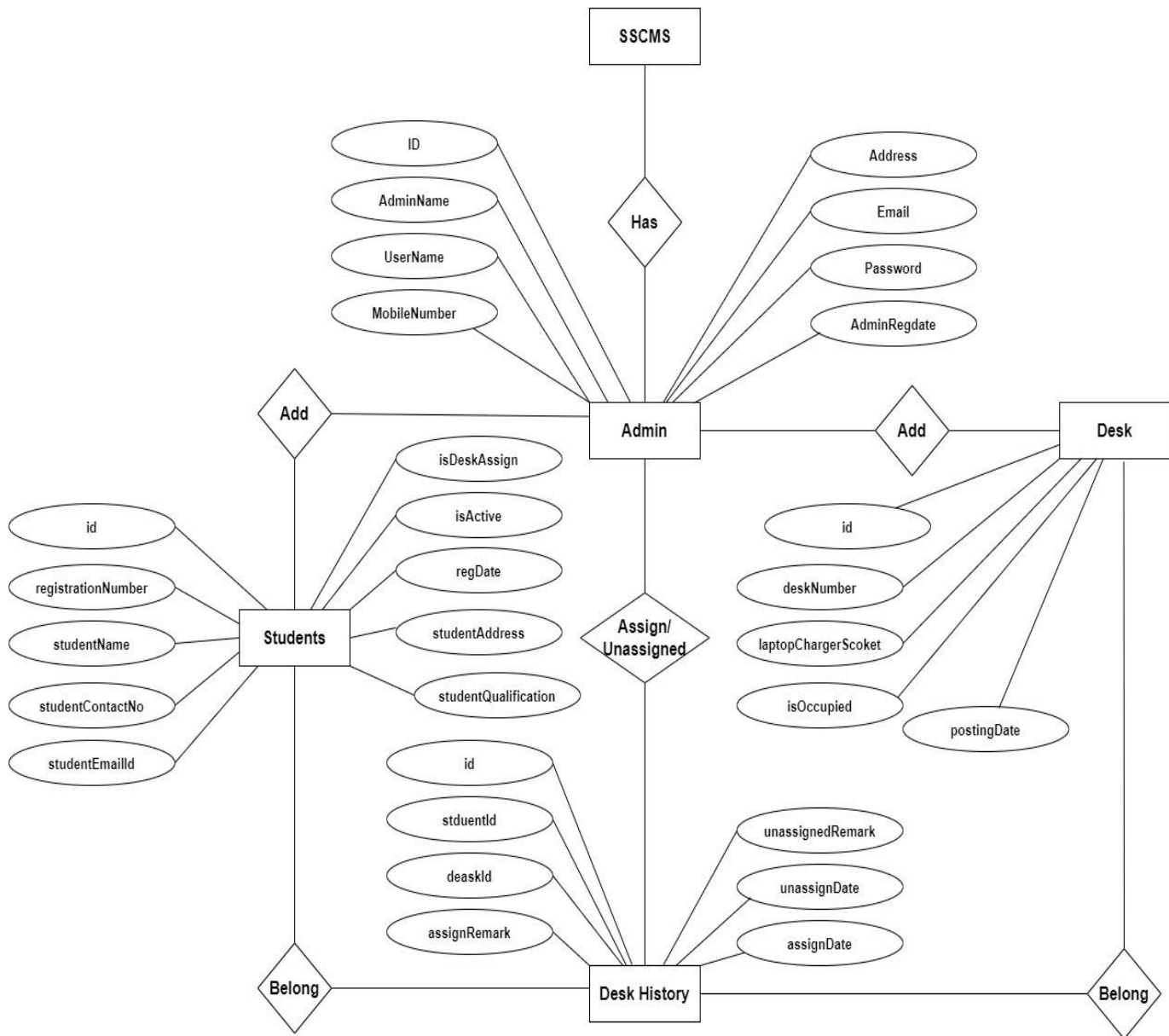
All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the

cardinality of a connection. The notation used in this document is from Martin.

The symbols used for the basic ER constructs are:

- **Entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- **Relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs
- **Attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **Cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.

Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.



Data Flow Diagrams

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It can be manual, automated, or a combination of both.


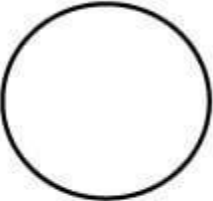

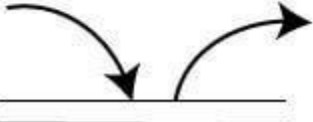
It shows how data enters and leaves the system, what changes the information, and where data is stored.

The objective of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communication tool between a system analyst and any person who plays a part in the order that acts as a starting point for redesigning a system. The DFD is also called as a data flow graph or bubble chart.

The following observations about DFDs are essential:

- 1.** All names should be unique. This makes it easier to refer to elements in the DFD.
- 2.** Remember that DFD is not a flow chart. Arrows in a flow chart represent the order of events; arrows in DFD represent flowing data. A DFD does not involve any order of events.
- 3.** Suppress logical decisions. If we ever have the urge to draw a diamond-shaped box in a DFD, suppress that urge! A diamond-shaped box is used in flow charts to represent decision points with multiple existing paths of which the only one is taken. This implies an ordering of events, which makes no sense in a DFD.
- 4.** Do not become bogged down with details. Defer error conditions and error handling until the end of the analysis.

Standard symbols for DFDs are derived from the electric circuit diagram analysis and are shown in fig:

Symbol	Name	Function
	Data flow	Used to Connect Processes to each other, to sources or Sinks; the arrow head indicates direction of data flow.
	Process	Performs Some transformation of Input data to yield output data.
	Source of Sink (External Entity)	A Source of System inputs or Sink of System outputs.
	Data Store	A repository of data; the arrow heads indicate net inputs and net outputs to store.

Symbols for Data Flow Diagrams

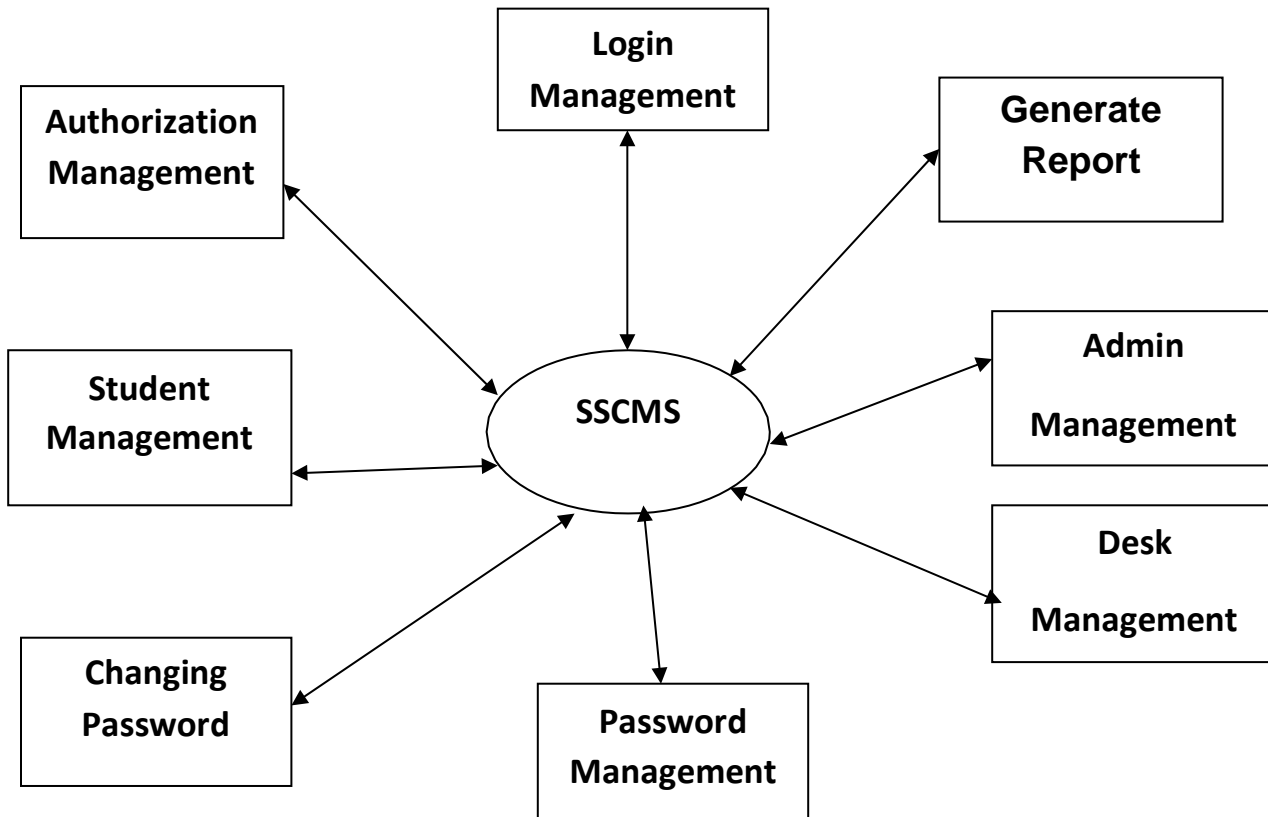
Circle: A circle (bubble) shows a process that transforms data inputs into data outputs.

Data Flow: A curved line shows the flow of data into or out of a process or data store.

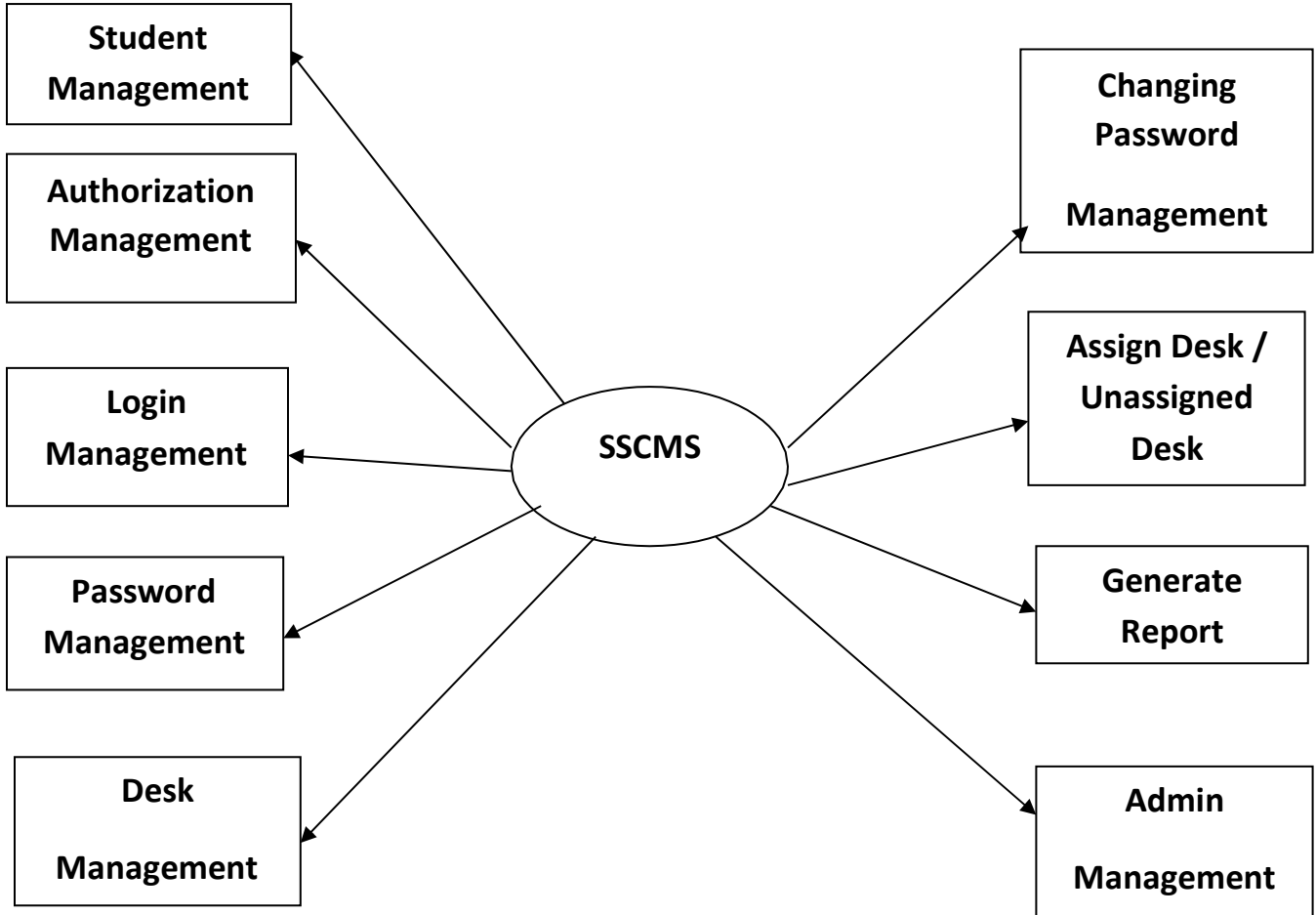
Data Store: A set of parallel lines shows a place for the collection of data items. A data store indicates that the data is stored which can be used at a later stage or by the other processes in a different order. The data store can have an element or group of elements.

Source or Sink: Source or Sink is an external entity and acts as a source of system inputs or sink of system outputs.

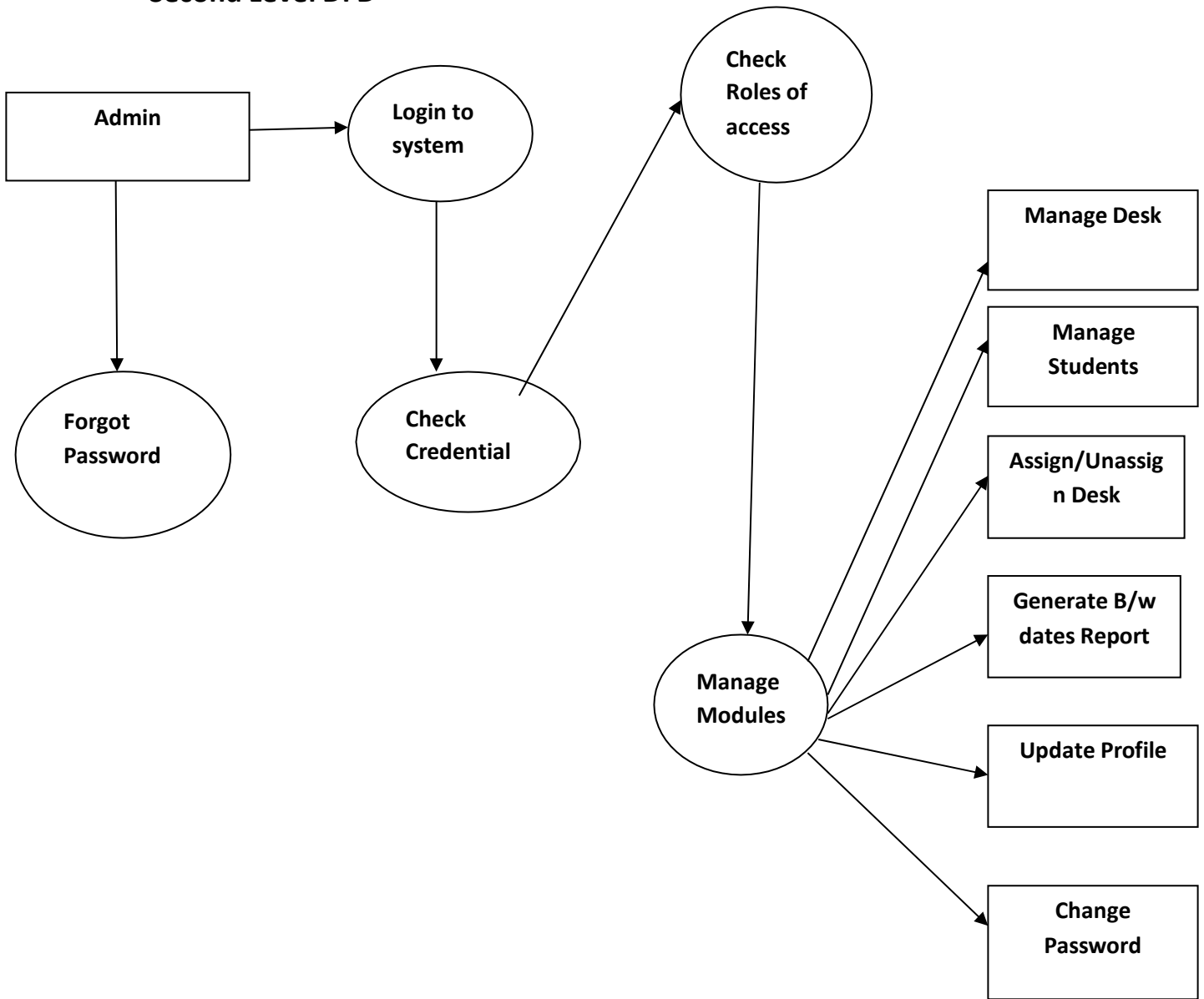
Zero Level DFD



Frist Level



Second Level DFD



MySQL Data Tables:

Admin Table :(Table name is admin)

This table stores admin login details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	UserName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Address	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
7	Password	varchar(200)	utf8mb4_general_ci		Yes	NULL		
8	AdminRegdate	timestamp			No	current_timestamp()		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	ID	1	A	No	

Desk Table: (Table name is tbldesk)

This table stores the details of desk which is available in study center.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(11)			No	None		AUTO_INCREMENT
2	deskNumber	varchar(120)	utf8mb4_general_ci		Yes	NULL		
3	laptopChargerScket	varchar(10)	utf8mb4_general_ci		Yes	NULL		
4	isOccupied	char(1)	utf8mb4_general_ci		Yes	NULL		
5	postingDate	timestamp			Yes	current_timestamp()		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	7	A	No	

Students Table: (Table name is tblstudents)

This table stores the details of students which study in study centers.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	registrationNumber	bigint(12)			Yes	NULL		
3	studentName	varchar(150)	utf8mb4_general_ci		Yes	NULL		
4	studentContactNo	bigint(12)			Yes	NULL		
5	studentEmailId	varchar(120)	utf8mb4_general_ci		Yes	NULL		
6	studentQualification	varchar(200)	utf8mb4_general_ci		Yes	NULL		
7	studentAddress	mediumtext	utf8mb4_general_ci		Yes	NULL		
8	regDate	timestamp			Yes	current_timestamp()		
9	isActive	int(11)			Yes	NULL		
10	isDeskAssign	char(1)	utf8mb4_general_ci		Yes	NULL		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	5	A	No	

Desk History Table: (Table name is tbldeskhistory)

This table stores the details of desk status.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	stduentId	int(11)			Yes	NULL		
3	deaskId	int(11)			Yes	NULL		
4	assignRemark	mediumtext	utf8mb4_general_ci		Yes	NULL		
5	assignDate	timestamp			Yes	current_timestamp()		
6	unassignDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()
7	unassignedRemark	mediumtext	utf8mb4_general_ci		Yes	NULL		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	id	5	A	No	

Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

1. Unit testing
2. Integration testing

UNIT TESTING

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require

- The procedures belonging to other units that the unit under test calls
- Non local data structures that module accesses
- A procedure to call the functions of the unit under test with appropriate parameters.

1. Test for the admin module

- **Testing admin login form**-This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.
- **Report Generation:** admin can generate report from the main database.

INTEGRATION TESTING

In the Integration testing we test various combination of the project module by providing the input.

The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

Evaluation (Project Output Screens)

Project URL: <http://localhost/sscms>

Home Page

SSCMS Toggle Menu Student Study Center Manangement System

Home

Admin

SSCMS

Desks Status

#	Desk Number	Laptop / Charger Socket	Currant Status
1	1	Available	Available
2	2	Not Available	Available
3	3	Available	Occupied
4	4	Available	Available
5	2A	Available	Occupied
6	1C	Not Available	Available
7	5A	Available	Available

Admin Panel

Login Page

🏠 Back Home!!

Student Study Center Manangement System

Admin Login

SIGN IN

enter your username

enter your password

Log In

🔒 Forgot your password?

Forgot Password

[Back Home!!](#)

Student Study Center Management System

RECOVER PASSWORD

Enter your email address and mobile number to reset password!

Email Address

Mobile Number


New Password

Confirm Password

Do you have an account ? [SIGN IN](#)

[Reset](#)

Dashboard

STUDENT STUDY CENTER MANAGEMENT SYSTEM 

[Dashboard](#) [Desks](#) [Students](#) [Assigned / Unassigned Desk](#) [Report](#)

Dashboard

<p>TOTAL DESKS</p> <p>7</p> <p>View Detail</p>	<p>TOTAL DESK AVAILABLE</p> <p>5</p> <p>View Detail</p>	<p>DESK OCCUPIED</p> <p>2</p> <p>View Detail</p>
<p>TOTAL REGISTERED STUDENTS</p> <p>5</p> <p>View Detail</p>		

Student Study Center Management System (SSCMS)

Profile

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

Profile

ADMIN PROFILE

Admin Name*

User Name*

Contact Number*

Email*

Admin Registration Date

Address

Student Study Center Management System (SSCMS)

Change Password

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

Change Password

CHANGE PASSWORD

Current Password*

New Password*

Confirm Password*

Student Study Center Management System (SSCMS)

Add Desk

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

Add Desk

ADD DESK

Desk Number*

Laptop / Charger Socket

Add

Student Study Center Management System (SSCMS)

Manage Desk

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

MANAGE DESKS

#	Desk Number	Laptop / Charger Socket	Status	Creation Date	Action
1	1	Available	Available	2024-03-01 21:55:34	Edit Delete
2	2	Not Available	Available	2024-04-01 21:55:34	Edit Delete
3	3	Available	Occupied	2024-07-01 21:55:34	Edit Delete
4	4	Available	Available	2024-08-01 21:55:34	Edit Delete
5	2A	Available	Occupied	2024-05-01 21:55:34	Edit Delete
6	1C	Not Available	Available	2024-09-01 21:55:34	Edit Delete
7	5A	Available	Available	2024-11-01 21:55:34	Edit Delete

Student Study Center Management System (SSCMS)

Update Desk

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

Add Desk

ADD DESK

Desk Number*

Laptop / Charger Socket

Update

Student Study Center Management System (SSCMS)

Add Students

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

Add Student Detail

ADD STUDENT DETAIL

Student Registration Number (Auto Generated)*

Student Name*

Student Contact Number*

Student Email*

Qualification*

Address*

Add

Student Study Center Management System (SSCMS)

Manage Students

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

MANAGE STUDENT DETAILS

#	Reg No	Name	Contact No	Email Id	Qualification	Reg Date	Action
1	2891347046	John Doe	4758693210	john12@test.com	BSC	2024-03-01 21:55:34	Edit Delete View Details
2	7559459482	Atul Singh	1425362536	atul987@test.com	BSC	2024-04-01 21:55:34	Edit Delete View Details
3	1748045138	Garima	4152835241	garima123@gmail.com	MCA	2024-05-01 21:55:34	Edit Delete View Details
4	3177520505	Rahul yadav	4859632102	rah13232@gmail.com	BCA	2024-06-01 21:55:34	Edit Delete View Details
5	1849346661	Sarjev	1231234560	srj12@test.com	BA	2024-07-01 21:55:34	Edit Delete View Details

Student Study Center Management System (SSCMS)

Update Students Details

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

Add Student Detail

ADD STUDENT DETAIL

Student Registration Number

Student Name*

Student Contact Number*

Student Email*

Qualification*

Address*

[Update](#)

Student Study Center Management System (SSCMS)

View Students Details

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

STUDENT DETAILS OF #2891347046

Reg No	2891347046	Name	John Doe
Contact No	4758693210	Email Id	john12@test.com
Qualification	BSC	Address	New Delhi India
Reg Date	2024-03-01 21:55:34		

Desk History

Desk No	Assign Date	Remark	Un-Assign Date	Remark
3	2024-03-01 21:55:03	NA	2024-04-12 01:43:27	NA
1	2024-09-01 21:55:34	Desk assigned.	2024-04-12 01:51:12	Student want to shift to the new desk.
4	2024-04-01 06:05:23	assa	2024-04-12 02:12:56	good time

[Assign Desk](#)

Student Study Center Management System (SSCMS)

Assigned/Unassigned Desk

STUDENT STUDY CENTER MANAGEMENT SYSTEM

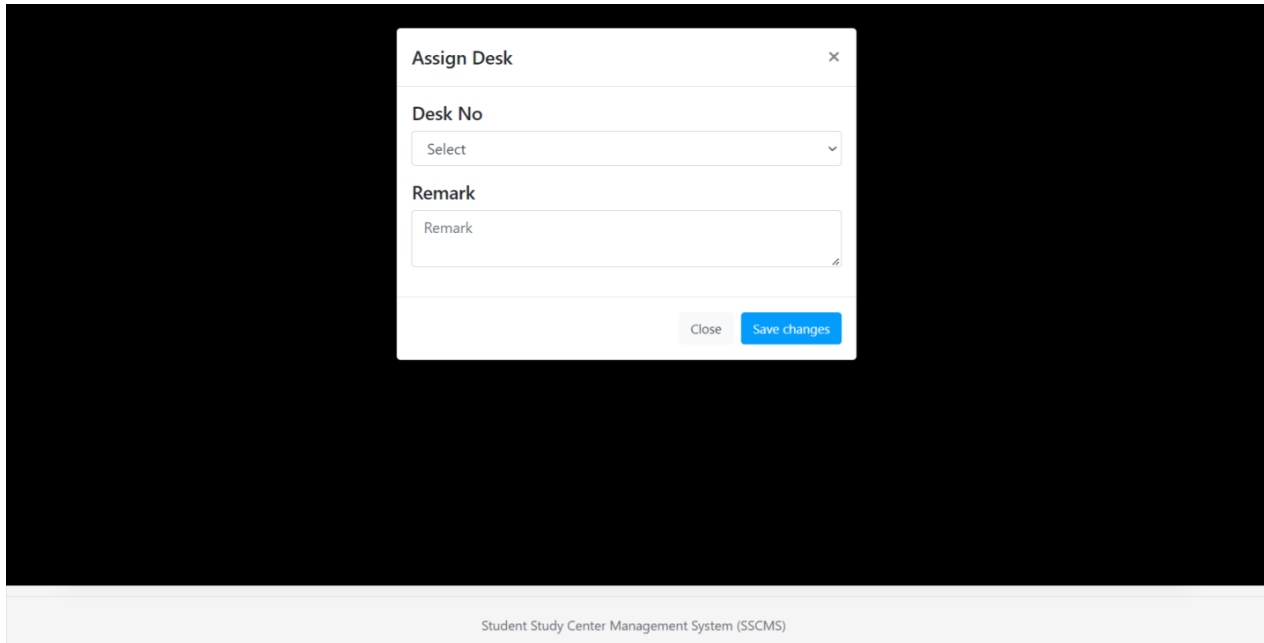
Dashboard Desks Students Assigned / Unassigned Desk Report

STUDENT DETAILS

#	Reg No	Name	Contact No	Email Id	Qualification	Current Desk Status	Reg Date	Action
1	2891347046	John Doe	4758693210	john12@test.com	BSC	Not Assigned	2024-03-01 21:55:34	Assign/UnAssign Desk
2	7559459482	Abul Singh	1425362336	abul987@test.com	BSC	Assigned	2024-04-01 21:55:34	Assign/UnAssign Desk
3	1748045138	Garima	4152635241	garima123@gmail.com	MCA	Not Assigned	2024-05-01 21:55:34	Assign/UnAssign Desk
4	3177500505	Rahul yadav	4859632102	rah133232@gmail.com	BCA	Not Assigned	2024-06-01 21:55:34	Assign/UnAssign Desk
5	1849546661	Sanjeev	1231234560	snj12@test.com	BA	Assigned	2024-07-01 21:55:34	Assign/UnAssign Desk

Student Study Center Management System (SSCMS)

Assign Desk



Assign Desk

Desk No

Select

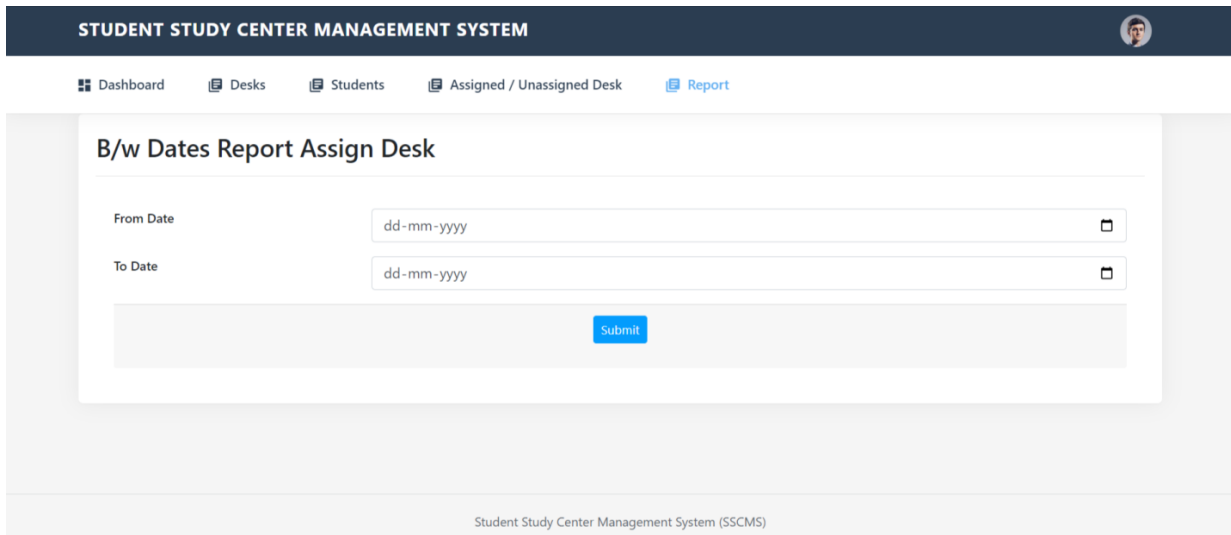
Remark

Remark

Close Save changes

Student Study Center Management System (SSCMS)

Between Dates Report of Assign Desk



STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

B/w Dates Report Assign Desk

From Date dd-mm-yyyy

To Date dd-mm-yyyy

Submit

Student Study Center Management System (SSCMS)

View Between Dates Report of Assign Desk

STUDENT STUDY CENTER MANAGEMENT SYSTEM

Dashboard Desks Students Assigned / Unassigned Desk Report

B/w Dates Report Assign Desk

From Date

To Date

[Submit](#)

Assign Desk Report from 2024-01-01 to 2024-04-10

#	Reg No	Name	Contact No	Email Id	Qualification	Current Desk Status	Reg Date	Action
1	2891347046	John Doe	4758693210	john12@test.com	BSC	Not Assigned	2024-03-01 21:55:34	Assign/UnAssign Desk
2	7559459482	Atul Singh	1425362536	atul967@test.com	BSC	Assigned	2024-04-01 21:55:34	Assign/UnAssign Desk
3	2891347046	John Doe	4758693210	john12@test.com	BSC	Not Assigned	2024-03-01 21:55:34	Assign/UnAssign Desk

Student Study Center Management System (SSCMS)

Conclusion

This Application provides an online version of Student Study Center Management System which will benefit the study centers who want to maintain records of student's details and assigned desk to student without wasting a time and apply with their convenience.

It makes entire process online and can generate reports.

The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

References

For PHP

- <https://www.w3schools.com/php/default.asp>
- <https://www.sitepoint.com/php/>
- <https://www.php.net/>

For MySQL

- <https://www.mysql.com/>
- <http://www.mysqltutorial.org>

For XAMPP

- <https://www.apachefriends.org/download.html>

PROJECT REPORT
ON
ONLINE MARRIAGE REGISTRATION SYSTEM

Submitted in partial fulfillment of the requirements for the award of degree of

M.Sc (CS)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

Mrs. Shivali Saini

Assistant Professor

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POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE
GURU NANAK DEV UNIVERSITY, AMRITSAR

Acknowledgement

With deep sense of gratitude we express our sincere thanks and obligation to our esteemed guide Mrs. Shivali Saini (Assistant Professor). It is because of his able and mature guidance and co-operation without which it would not have been possible for us to complete our project. We would also like to thank Dr. Deepak Jyoti, HOD, Post Graduate Deptt. of Computer Science, Shanti Devi Arya Mahila College, Dinanagar for providing the institute with an environment where one can use her intellect and creativity to develop something fruitful and also for allowing us the opportunity to experience dynamic professional environment during our Training. This environment facilitated us in pursuing this project. It is our pleasant duty to thank all the staff members of the Computer Department for their time to time suggestions. Finally, we would like to thank the almighty and our parents for their moral support and our friends with whom we shared our day-to-day experience and received lots of suggestions that improved our quality of work.

Bishali

20672225410

Anjali

20672225409

CERTIFICATE OF APPROVAL

This is certify that the project report entitled “**Online Marriage Registration System**” submitted to Shanti Devi Arya Mahila College, Dinanagar in partial fulfillment of the requirement for the award of degree of Msc(cs) (Master Of Computer Science) , is an authentic and original work carried out by Bishali (20672225410) Anjali (20672225409) under our guidance and supervision. The Post Graduate deptt. of Computer Science has accepted the report as the fulfillment of the requirements for the degree of Master of Computer Science. No part of this report has been submitted to any other College/University for the reward of any Degree to the best of our knowledge.

Mrs. Shivali Saini

Assistant Professor (Comp Sc.)

(Project Supervisor)

Shanti Devi Mahila College

Dinanagar

Dr. Deepak Jyoti

HOD, PG Department of Computer Sc.

Shanti Devi Arya Mahila

Dinanagar

DECLARATION

We hereby declare that this project report on “ **Online Marriage Registration System** M.Sc (CS) to Shanti Devi Arya Mahila College, Dinanagar is the result of the work carried out by us, under the guidance of Mrs. Shivali Saini (Assistant Professor). Shanti Devi Arya College, Dinanagar.

Bishali
20672225410

Anjali
20672225409

Abstract

Online Marriage Registration System is responsible for keeping all the record of marriages. This system registers the marriage and generate marriage certificate.

The main objective of “Online Marriage Registration System” project is to providing easier registration of marriage and gets marriage certificate online which save lots of time.

Introduction

Introduction:-

Online Marriage Registration System is a web-based technology that will manage the records of the marriage and generate marriage certificate. It's an easy for Admin to retrieve the data of marriage couple. Online Marriage Registration System is an automatic system which delivers data processing in very high speed in systematic manner.

In Online Marriage Registration System we use PHP and MySQL Database. This project has two modules i.e. admin and user.

Admin Module

1. Dashboard: In this section, admin can briefly view the total number of the new applications, total verified application and total rejected the application.

2. Application: In this section, admin views the application details and they have also the right to change application status according to current status.

3. Reports: In this section admin can view the application details in a particular period.

4. Search: In this section, admin can search application with the help of user registration number

Admin can also update his profile, change the password and recover the password.

User Module

1. Dashboard: In this section, user can view the welcome page of the web application.

2. Registration Form: In this section, user can fill the form of marriage registration.

3. View Marriage Application: In this section, user can take print of verified certificates of marriage.

Purpose:-

The main purpose of developing Online Marriage Registration System is to computerized the tradition way of registering marriage. Another purpose for developing this application is to generate the report automatically. This software design specification is made with the purpose of outlining the software architecture and design of the Marriage Registration System in detail.

Scope:

The Software design document would demonstrate how the design will accomplish the functional and non- functional requirements captured in the Software Requirement specification (SRS). The document will provide a framework to the programmers through describing the high level components and architecture, sub systems, interfaces, database design and algorithm design. This is achieved through the use of architectural patterns, design patterns, sequence diagrams, class diagrams, relational models and user interfaces

Requirement Specification

Hardware Configuration :

Client Side:

RAM	512 MB
Hard disk	10 GB
Processor	1.0 GHz

Server side:

RAM	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Client Side:

Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Server Side:

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MYSQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server ("httpd") was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- PHP stands for PHP: Hypertext Preprocessor.
- PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.
- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software .
- PHP is free to download and use.

MYSQL

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use
- How to access MySQL:

<http://localhost/phpmyadmin>

Feasibility analysis

The analysis of the requirement has led to a conclusion that the project is feasible with respect to time and cost. The data collection from the field is assured by the client to provide. The technology used to develop is almost Open Source, therefore less cost for implementation and maintenance will be involved. A feasibility study is an analysis used in measuring the ability and likelihood to complete a project successfully including all relevant factors. It must account for factors that affect it such as economic, technological and time factors. It is used to assess the strengths and weaknesses of a proposed project and present directions of activities which will improve a project and achieve desired results.

Economic feasibility

The purpose of economic feasibility assessment is to determine the positive economic benefits to the organization that the proposed system will provide. The assessment typically involves a cost/benefits analysis.

Technical feasibility

Technical analysis is a trading tool employed to evaluate securities and attempt to forecast the future movement. I am using java language and other tools like net beans to develop the software.

Operational feasibility

Operational feasibility is a measure of how well proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements analysis phase of the system development.

Analysis and Design

Analysis:

In present all marriage registration work done on the paper. The whole year data is stored in the registers. We can't generate reports as per our requirements because its take more time to calculate report of marriage.

Disadvantage of present system:

- **Not user friendly:** The present system not user friendly because data is not stored in structure and proper format.
- **Manual Control:** All report calculation is done manually so there is a chance of error.
- **Lots of paper work:** Visitors maintain in the register so lots of paper require storing details.
- **Time consuming**

Design Introduction:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data

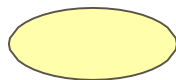
UML Diagrams:

Actor:

A coherent set of roles that users of use cases play when interacting with the use cases.



Use case: A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.



UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

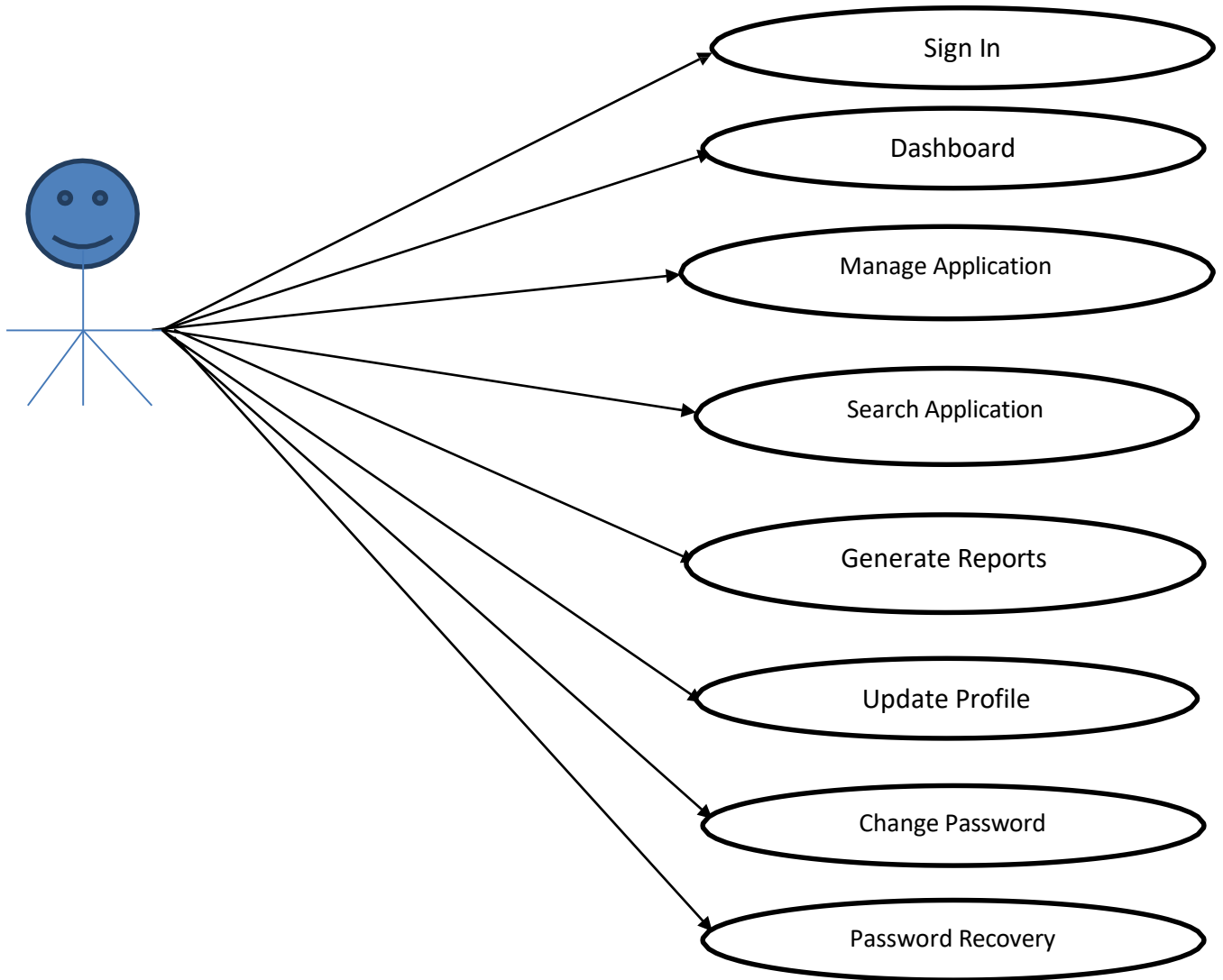
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

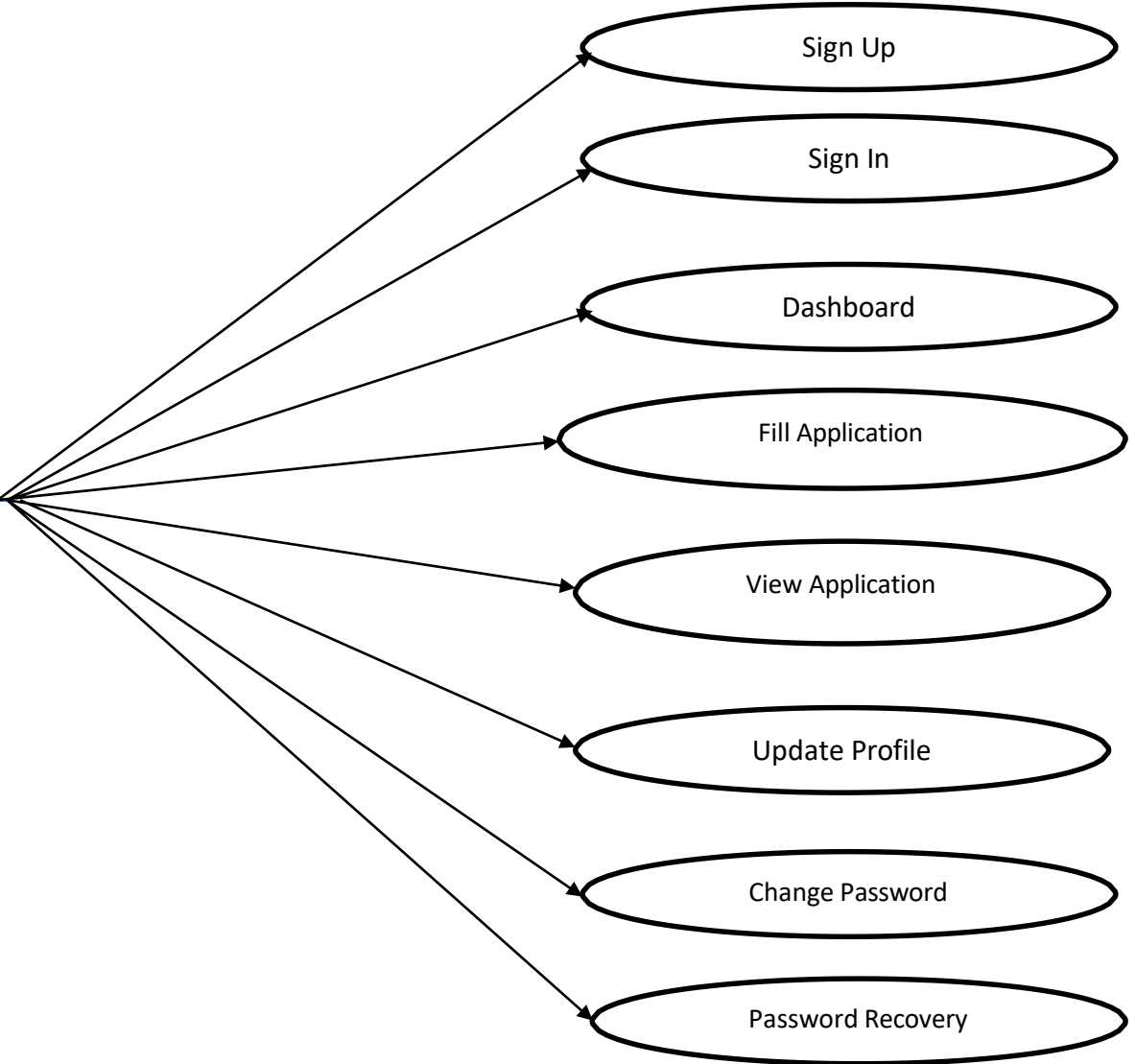
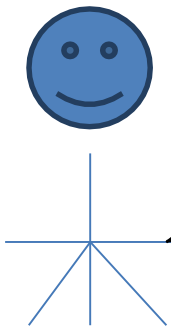
USECASE DIAGRAM: A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.

Use Case Diagrams:

Admin

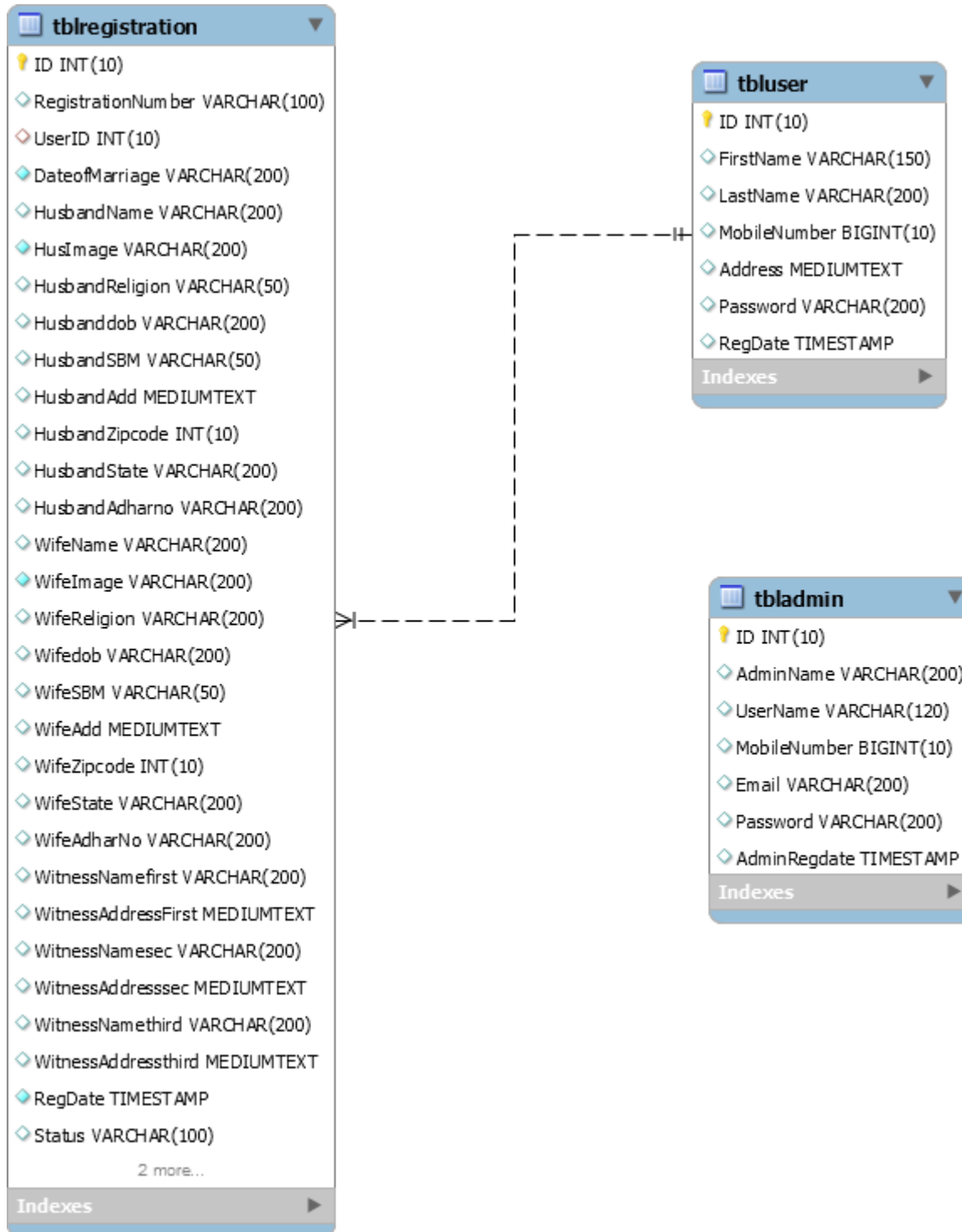


User



Class Diagram:

A description of set of objects that share the same attributes operations, relationships, and semantics



ER Diagram:

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

ER Notation

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a

number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

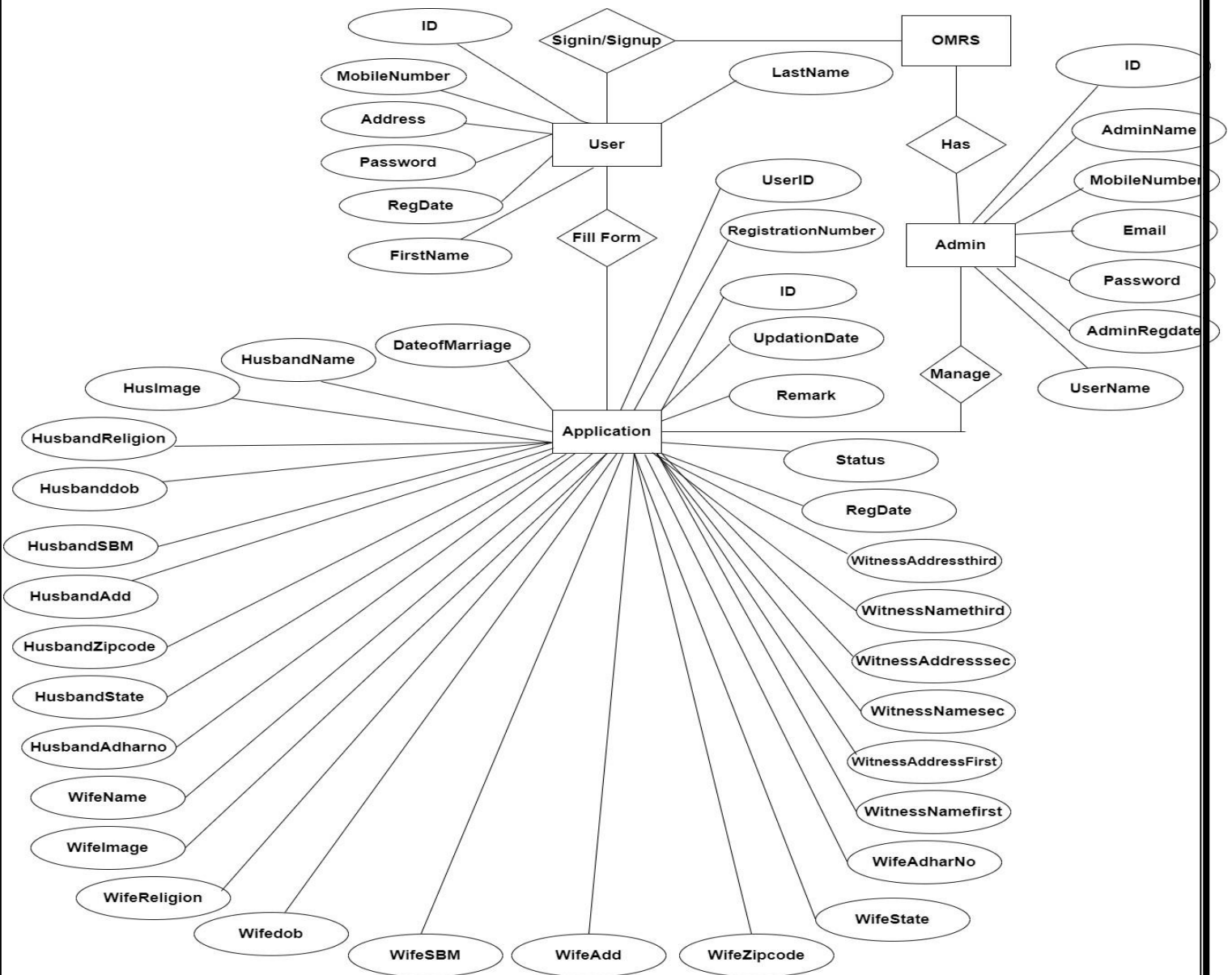
All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

- **Entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- **Relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs
- **Attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **Cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.

Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the

entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.


ER Diagram



MySQL Data Tables:


Admin Table:(Table name is admin)

This store admin personal and login details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	UserName	varchar(120)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(200)	latin1_swedish_ci		Yes	NULL		
6	Password	varchar(120)	latin1_swedish_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		


Category Table(Table name is tbluser)

This table stores the data of registered users

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	FirstName	varchar(150)	utf8mb4_general_ci		Yes	NULL		
3	LastName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Address	mediumtext	utf8mb4_general_ci		Yes			
6	Password	varchar(200)	utf8mb4_general_ci		Yes	NULL		
7	RegDate	timestamp			Yes	current_timestamp()		

Marriage Registration Table: (Table name is tblregistration)

This table stores the details of marriage couple and admin remark

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	RegistrationNumber	varchar(100)	utf8mb4_general_ci		Yes	NULL		
3	UserID	int(10)			Yes	NULL		
4	DateofMarriage	varchar(200)	utf8mb4_general_ci		No	None		
5	HusbandName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	HusImage	varchar(200)	utf8mb4_general_ci		No	None		
7	HusbandReligion	varchar(50)	utf8mb4_general_ci		Yes	NULL		
8	Husbanddob	varchar(200)	utf8mb4_general_ci		Yes	NULL		
9	HusbandSBM	varchar(50)	utf8mb4_general_ci		Yes	NULL		
10	HusbandAdd	mediumtext	utf8mb4_general_ci		Yes			
11	HusbandZipcode	int(10)			Yes	NULL		
12	HusbandState	varchar(200)	utf8mb4_general_ci		Yes	NULL		
13	HusbandAdharno	varchar(200)	utf8mb4_general_ci		Yes	NULL		
14	WifeName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
15	WifeImage	varchar(200)	utf8mb4_general_ci		No	None		
16	WifeReligion	varchar(200)	utf8mb4_general_ci		Yes	NULL		
17	Wifedob	varchar(200)	utf8mb4_general_ci		Yes	NULL		
18	WifeSBM	varchar(50)	utf8mb4_general_ci		Yes	NULL		
19	WifeAdd	mediumtext	utf8mb4_general_ci		Yes			
20	WifeZipcode	int(10)			Yes	NULL		
21	Wife State	varchar(200)	utf8mb4_general_ci		Yes	NULL		
22	WifeAdharNo	varchar(200)	utf8mb4_general_ci		Yes	NULL		
23	WitnessNamefirst	varchar(200)	utf8mb4_general_ci		Yes	NULL		
24	WitnessAddressFirst	mediumtext	utf8mb4_general_ci		Yes			
25	WitnessNamesec	varchar(200)	utf8mb4_general_ci		Yes	NULL		
26	WitnessAddresssec	mediumtext	utf8mb4_general_ci		Yes			
27	WitnessNamethird	varchar(200)	utf8mb4_general_ci		Yes	NULL		
28	WitnessAddressthird	mediumtext	utf8mb4_general_ci		Yes			
29	RegDate	timestamp			No	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()
30	Status	varchar(100)	utf8mb4_general_ci		Yes	NULL		
31	Remark	varchar(120)	utf8mb4_general_ci		Yes	NULL		
32	UpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

Implementation and System Testing

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

System Testing

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

1. Unit testing
2. Integration testing

UNIT TESTING

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require

- The procedures belonging to other units that the unit under test calls
- Non local data structures that module accesses

- A procedure to call the functions of the unit under test with appropriate parameters

1. Test for the admin module

- **Testing admin login form**-This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.
- **Report Generation:** admin can generate report from the main database.

INTEGRATION TESTING

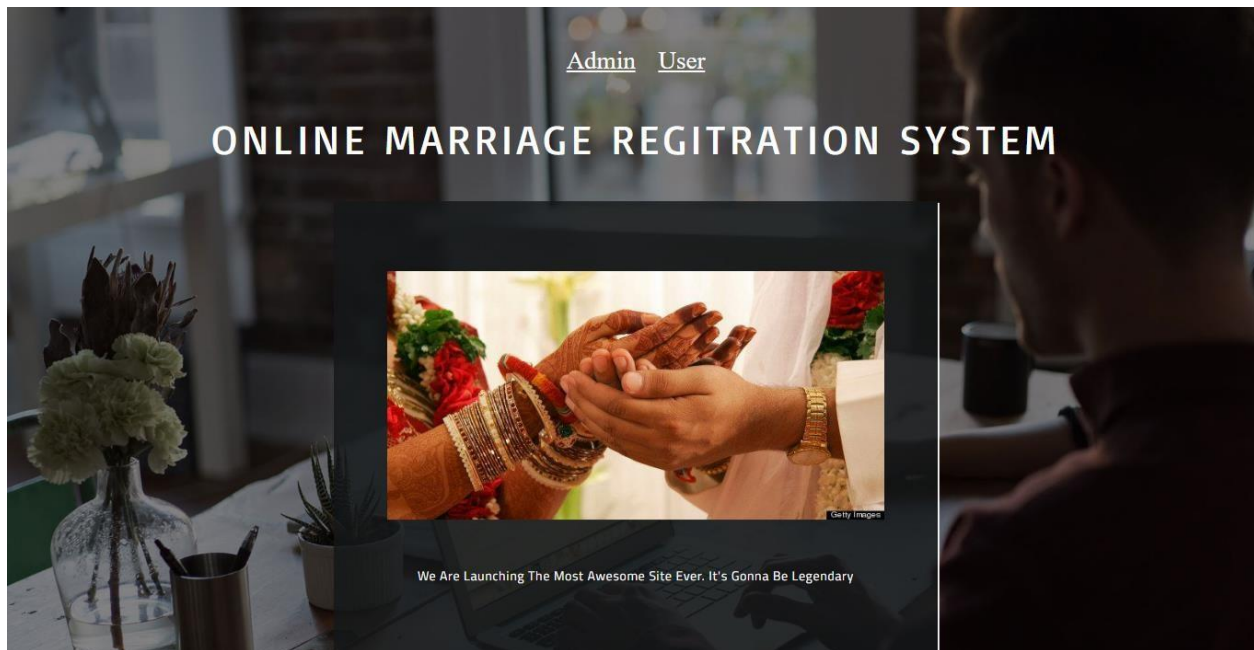
In the Integration testing we test various combination of the project module by providing the input.

The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

Evaluation

Project URL: <http://localhost/omrs>

Home Page



Admin Login Page

The screenshot shows the Admin Login Page. On the left, there is an orange sidebar with the text "OMRS" and "Welcome to Admin Panel". Below this, there is a paragraph of placeholder text: "Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis enim. Donec pede justo, fringilla vel, aliquet nec, vulputate." At the bottom of the sidebar is a "Back Home" link. On the right, there is a white box titled "Signin to Your Account". It contains a "User Name:" field with the value "admin", a "Password:" field with three dots, a "Remember me" checkbox which is checked, a "Sign In" button, and a "Reset password" link.

Dashboard

Online Marriage Registration System Admin

Dashboard

- Dashboard
- Application
 - New Application
 - Verified Application
 - Rejected Application
 - All Application
- Report
- Search

TOTAL
New Application
2

TOTAL
Verified Application
2

TOTAL
Rejected Application
1

TOTAL
Total Application
5

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Profile

Online Marriage Registration System | Admin Profile

ADMIN PROFILE

Admin Name:*	admin
User Name:*	admin
Contact Number:*	1234567890
Email:*	admin@gmail.com
Admin Registration Date:*	2024-04-28 08:26:03

[Update](#)

Activate Windows
Go to Settings to activate Windows.

Change Password

Online Marriage Registration System | Change Password

CHANGE PASSWORD

Current Password:*	<input type="password"/>
New Password:*	<input type="password"/>
Confirm Password:*	<input type="password"/>

[Change](#)

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New Application

Online Marriage Registration System Admin

New Application

- Dashboard
- Application
 - New Application
 - Verified Application
 - Rejected Application
 - All Application
- Report
- Search

NEW APPLICATION

10 items/page

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS	ACTION
1	290346708	Santosh Jha	04/09/2020	Still Pending	View
2	535376446	Mihir Mishra	04/18/2020	Still Pending	View

Showing 1 to 2 of 2 entries Previous 1 Next

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View New Application

Online Marriage Registration System Admin

View Marriage Application

- Dashboard
- Application
 - New Application
 - Verified Application
 - Rejected Application
 - All Application
- Report
- Search

VIEW MARRIAGE APPLICATION

Registration Number: 290346708


User Details

First Name	Abir	Last Name	Singh	Mobile Number	7979778979	Address	ABC-909 hussain marg new delhi 110096
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Application Details

Date of Marriage: 04/09/2020

Husband Details

Name	Santosh Jha	Religion	Hindu	Date of Birth	04/08/1991	Status Before Marriage	Divorsee	
Address	K-126 Ragnath Nagar Kailash Colony, Varanasi	Zipcode	221001	State	UP	Aadhar Number	765478977979	Photo of Groom

Wife Details

Name	Gayatri	Religion	Hindu	Date of Birth	05/02/1993	Status Before Marriage	Bachelor	
Address	K-126 Ragnath Nagar Kailash Colony, Varanasi	Zipcode	221001	State	UP	Aadhar Number	798764987978	Photo of Bride

Witness Details

S.No	Witness Name	Witness Address
1	Kaushal Jja	U-910 Ravidrapuri Colony Bhelupura, Varanasi-221001
2	John	K-710 Bojubir Varanasi-221003
3	Janki Das Mishra	J-910 Lanka Varanasi-221009

Order Final Status	Pending	Admin Remark	Your application has still pending
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[Take Action](#)

Verified Application

Online Marriage Registration System
Admin

Verified Marriage Application

- Dashboard
- Application
 - New Application
 - Verified Application
 - Rejected Application
 - All Application
- Report
- Search

VERIFIED MARRIAGE APPLICATION

10 Items/page

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS	ACTION
1	483974079	Harish Kumar	03/18/2020	Verified	View
2	575693756	Rahul Singh	03/11/2020	Verified	View

Showing 1 to 2 of 2 entries

Previous
1
Next

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View Verified Application

Online Marriage Registration System
Admin

View Marriage Application

- Dashboard
- Application
 - New Application
 - Verified Application
 - Rejected Application
 - All Application
- Report
- Search

VIEW MARRIAGE APPLICATION

Registration Number: 575693756


User Details

First Name	Anuj	Last Name	Kumar	Mobile Number	1234567890	Address	New Delhi India
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Application Details

Date of Marriage: 03/11/2020

Husband Details

Name	Rahul Singh	Religion	Hindu	Date of Birth	01/22/1990	Status Before Marriage	Bachelor	 <p style="font-size: x-small; text-align: center;">Photo of groom</p>
Address	ABC 434 New Delhi	Zipcode	110001	State	New Delhi	Aadhar Number	123654788544	

Wife Details

Name	Garima Singh	Religion	Hindu	Date of Birth	1992/08/19	Status Before Marriage	Bachelor	 <p style="font-size: x-small; text-align: center;">Photo of Bride</p>
Address	New Delhi	Zipcode	110096	State	New Delhi	Aadhar Number	101121454545	

Witness Details

S.No	Witness Name	Witness Address
1	ABC	New Delhi
2	XYZ	Noida
3	ABC XYZ	New Delhi

Order Final Status	Your application has been verified	Admin Remark	Verified
--------------------	------------------------------------	--------------	----------

Rejected Application

Online Marriage Registration System Admin

Rejected Marriage Application

REJECTED MARRIAGE APPLICATION

10 Items/page Search...

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS
1	782520546	ddsf	04/28/2020	Rejected

Showing 1 to 1 of 1 entries Previous 1 Next

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All Application

Online Marriage Registration System a dmin

All Marriage Application

ALL MARRIAGE APPLICATION

10 Items/page Search...

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS	ACTION
1	483974079	Harish Kumar	2024/03/22	Verified	View
2	782520546	Abhinash	2024/04/12	Rejected	View
3	290346708	Santosh Jha	04/09/2024	Still Pending	View
4	535376446	Mihir Mishra	04/18/2020	Still Pending	View
5	575693756	Rahul Singh	03/11/2020	Verified	View

Showing 1 to 5 of 5 entries Previous 1 Next

Activate Windows
Go to Settings to activate Windows.

Reports

Online Marriage Registration System Admin

Between Dates Report

BETWEEN DATES REPORT

From Date:*

To Date:*

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View Reports

Online Marriage Registration System a dmin

View Marriage Application

Report from 2024-02-01 to 2024-04-12

10 items/page

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS	ACTION
1	483974079	Harish Kumar	2024/03/22	Verified	👁
2	782520546	Abhinash	2024/04/12	Rejected	👁
3	290346708	Santosh Jha	04/09/2024	Still Pending	👁
4	535376446	Mihir Mishra	04/18/2020	Still Pending	👁
5	575693756	Rahul Singh	03/11/2020	Verified	👁

Showing 1 to 1 of 1 entries

Previous **1** Next

Activate Windows
Go to Settings to activate Windows.

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Search

The screenshot shows the 'Online Marriage Registration System' search page. The header includes the system name and an 'Admin' dropdown. A sidebar on the left lists navigation options: Dashboard, Application (with sub-items: New Application, Verified Application, Rejected Application, All Application), Report, and Search. The main content area is titled 'SEARCH MARRIAGE APPLICATION' and features a search input field with the placeholder 'Search by Reg Number: *' and a 'Submit' button. Below the search field, it displays 'Result against "483974079" keyword'. A table shows one result with the following data:

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS	ACTION
1	483974079	Harish Kumar	03/18/2020	Verified	

Below the table, it indicates 'Showing 1 to 1 of 1 entries' and includes 'Previous', '1', and 'Next' navigation buttons. A copyright notice 'Copyright ©. Online Marriage Registration System' is at the bottom.

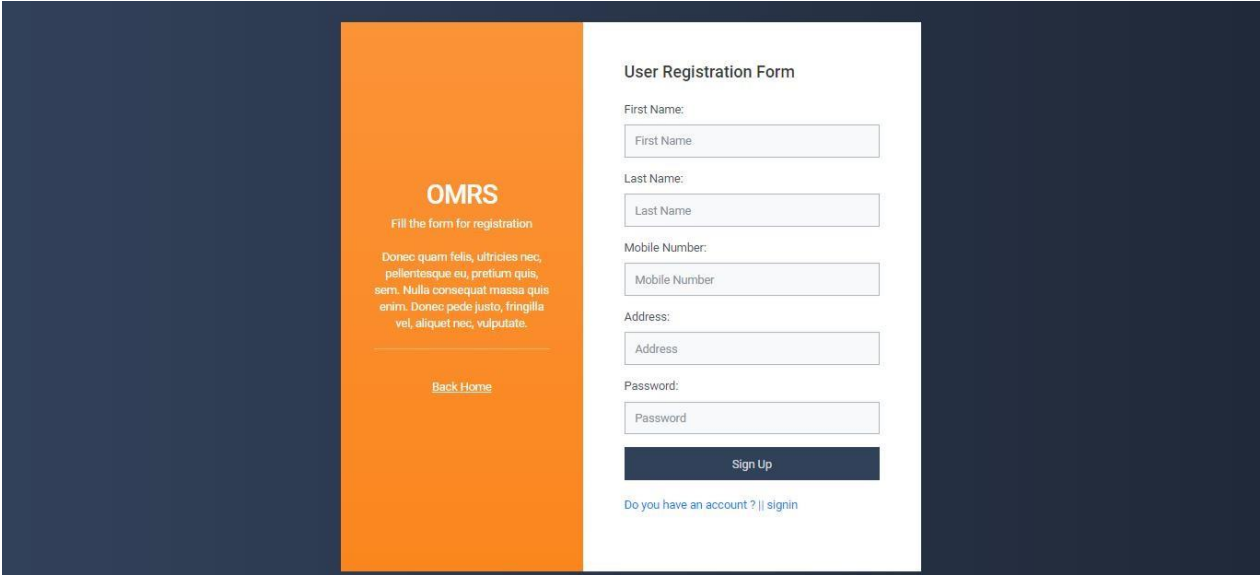
Reset Password

The screenshot shows the 'OMRS Reset Your Password' form. The left side has an orange background with the text 'OMRS Reset Your Password' and instructions: 'Please fill the following detail to reset the password.' and a link 'Already have an account? Sign In'. The right side, titled 'Signin to Your Account', contains the following fields:

- Email:
- Mobile Number:
- New Password:
- Confirm Password:

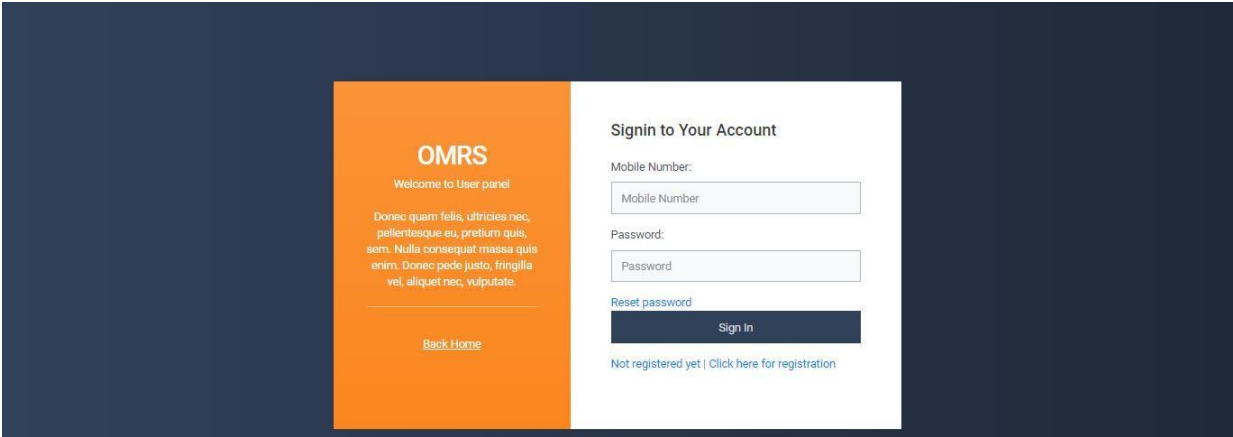
A 'Reset' button is located at the bottom of the form.

User Registration



The image shows a user registration form on a dark blue background. On the left, an orange vertical bar contains the text 'OMRS' and 'Fill the form for registration'. Below this is a paragraph of placeholder text and a 'Back Home' link. The main form area is white and titled 'User Registration Form'. It contains input fields for 'First Name', 'Last Name', 'Mobile Number', 'Address', and 'Password'. A dark blue 'Sign Up' button is positioned below the password field. At the bottom of the form, there is a link: 'Do you have an account ? || sign in'.

User Login Page



The image shows a user login page on a dark blue background. On the left, an orange vertical bar contains the text 'OMRS' and 'Welcome to User panel'. Below this is a paragraph of placeholder text and a 'Back Home' link. The main form area is white and titled 'Signin to Your Account'. It contains input fields for 'Mobile Number' and 'Password'. A dark blue 'Sign in' button is positioned below the password field. Above the button is a link: 'Reset password'. Below the button, there is a link: 'Not registered yet | Click here for registration'.


Dashboard

Online Marriage Registration System Test

Dashboard

- Dashboard
- Registration Form
- View Marriage Application
- Search

Welcome to Our System || Test Sample



Online Marriage Registration System © 2020.

User Profile

Online Marriage Registration System Test

User Profile

- Dashboard
- Registration Form
- View Marriage Application
- Search

USER PROFILE

First Name:*	<input type="text" value="Test"/>
Last Name:*	<input type="text" value="Sample"/>
Mobile Number:*	<input type="text" value="5466464644"/>
Address:*	<input type="text" value="I-986, Gali no 4 Ashok Nagar Delhi"/>
Registration Date:*	<input type="text" value="2020-05-15 17:44:51"/>

Change Password

Online Marriage Registration System Test

Change Password

- Dashboard
- Registration Form
- View Marriage Application
- Search

CHANGE PASSWORD

Current Password*

New Password*

Confirm Password*

Change

Registration Form

Online Marriage Registration System Test

Registration Form

- Dashboard
- Registration Form
- View Marriage Application
- Search

Registration Form

Date of Marriage:*

1 HUSBAND DETAILS

Name of Husband:*

Photo:*

Religion:*

Date of Birth:*

Marital Status Before Marriage:*

Address:*

Zipcode:*

State:*

Enter Adahar Number:*

2 WIFE DETAILS

Name of Wife:*

Photo:*

Religion:*

Date of Birth:*

Marital Status Before Marriage:*

Address:*

Zipcode:*

State:*

Enter Adahar Number:*

3 WITNESS DETAILS

Full Name of Witness:*

Address:*

Full Name of Witness:*

Address:*

Full Name of Witness:*

Address:*

Verified Marriage Applications

Online Marriage Registration System | a dmin

Verified Marriage Application

Dashboard | Application | New Application | **Verified Application** | Rejected Application | All Application | Report | Search

VERIFIED MARRIAGE APPLICATION

10 Items/page | Search...

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS	ACTION
1	483974079	Harish Kumar	2024/03/22	Verified	View
2	575693756	Rahul Singh	03/11/2020	Verified	View

Showing 1 to 2 of 2 entries | Previous | 1 | Next

Search Application

Online Marriage Registration System | Test

Search Marriage Application

Dashboard | Registration Form | View Marriage Application | Search

SEARCH MARRIAGE APPLICATION

Search by Reg Number: *

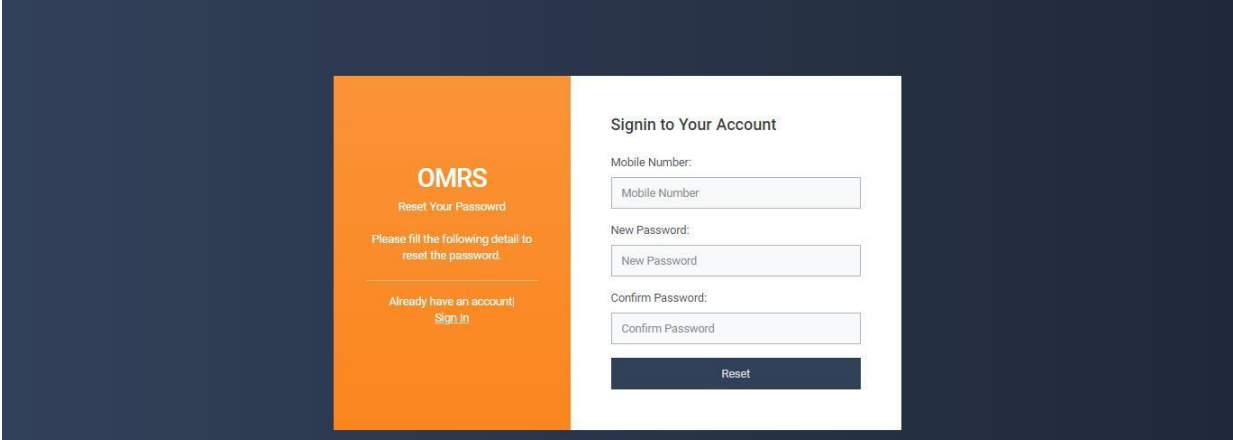
Result against "483974079" keyword

10 Items/page | Search...

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS	ACTION
1	483974079	Harish Kumar	03/18/2020	Verified	View

Showing 1 to 1 of 1 entries | Previous | 1 | Next

Forgot Password



The image shows a web form for password recovery. It is set against a dark blue background. On the left, there is an orange vertical bar containing the text 'OMRS' in large white letters, followed by 'Reset Your Password' in smaller white text. Below this, it says 'Please fill the following detail to reset the password.' and 'Already have an account? Sign In' with a link. On the right, a white box titled 'Signin to Your Account' contains three input fields: 'Mobile Number', 'New Password', and 'Confirm Password'. A dark blue 'Reset' button is at the bottom of the white box.

OMRS
Reset Your Password

Please fill the following detail to reset the password.

Already have an account? [Sign In](#)

Signin to Your Account

Mobile Number:

New Password:

Confirm Password:

Conclusion

This Application provides a computerized version of Marriage Registration which will benefit the people who wants to register their marriage.

It makes entire process online and can generate reports. It has a facility of admin login where admin can fill the marriage details and generate marriage certificate.

The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.

- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

Future Enhancement

I have tried to design the software in such a way that the user may not have any difficulty in using this system and further expansion is also possible. New requirements will be added and risk will be analyzed in every phase until the requirement of user will not be fulfilled. The most priority will be given to keep confidential data secure and easy and simple for use.

The further enhancements which can be made in the system are:

- Any requirement that will make system easy to use or make a system secure, these requirement will be add using Spiral Model. Other requirement related to government or municipality will be added when required.
- For the identity of user and for their data integrity, digital signature can be added to this system.
- For the identity of user and for verification, image of user can be added to this system.
- There will be provision of filling form in multiple languages.
- A great concern will be given on frontend design which will make user to use system easily and enjoy while using this system.

Bibliography

For PHP

- <https://www.w3schools.com/php/default.asp>
- <https://www.sitepoint.com/php/>
- <https://www.php.net/>

For MySQL

- <https://www.mysql.com/>
- <http://www.mysqltutorial.org>

For XAMPP

- <https://www.apachefriends.org/download.html>

Project Report

On

ONLINE BANQUET BOOKING SYSTEM

Submitted in partial fulfillment of the requirements for the award of degree of

M.Sc(Computer Science)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

Mrs. Bhanupriya Saini

Assistant Professor

Deptt. Of Computer Science

Submitted By:

Prerna Devi

(20672225411)

Tania

(20672225417)

POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE

GURU NANAK DEV UNIVERSITY, AMRITSAR

ACKNOWLEDGEMENT

With deep sense of gratitude we express our sincere thanks and obligation to our esteemed guide Mrs. Bhanupriya Saini (Assistant Professor). It is because of his able and mature guidance and co-operation without which it would not have been possible for us to complete our project. We would also like to thank Dr. Deepak Jyoti, HOD, Post Graduate Deptt. of Computer Science, Shanti Devi Arya Mahila College, Dinanagar for providing the institute with an environment where one can use her intellect and creativity to develop something fruitful and also for allowing us the opportunity to experience dynamic professional environment during our Training. This environment facilitated us in pursuing this project. It is our pleasant duty to thank all the staff members of the Computer Department for their time to time suggestions. Finally, we would like to thank the almighty and our parents for their moral support and our friends with whom we shared our day-to-day experience and received lots of suggestions that improved our quality of work.

Prerna Devi

20672225411

Tania

20672225417

CERTIFICATE OF APPROVAL

This is certify that the project report entitled **Online Banquet Booking System** submitted to Shanti Devi Arya Mahila College, Dinanagar in partial fulfillment of the requirement for the award of degree of M.Sc (Computer Science), is an authentic and original work carried out by Purna Devi (20672225411) Tania (20672225417) under my guidance and supervision. The Post Graduate deptt. of Computer Science has accepted the report as the fulfillment of the requirements for the Degree of Master of Computer Science. No part of this report has been submitted to any other College/ University for the reward of any Degree to the best of our knowledge.

Mrs. Bhanupriya Saini

Assistant Professor (Comp Sc.)
(Project Supervisor)
Shanti Devi Arya Mahila College
Dinanagar

Dr. Deepak Jyoti

HOD, PG Department of Computer Sc.
Shanti Devi Arya Mahila College
Dinanagar

DECLARATION

We hereby declare that this project report on “ **Online Banquet Booking System** ” which is being submitted in partial fulfillment of the Training Programme of M.Sc (Computer Science) to Shanti Devi Arya Mahila College, Dinanagar, is the result of the work carried out by us, under the guidance of Mrs. Bhanupriya Saini (Assistant Professor). Shanti Devi Arya Mahila College, Dinanagar.

Prerna Devi

20672225411

Tania

20672225417

1. INTRODUCTION

Scope of the Project

The objective of this application is to develop a system that effectively manages all the data related to the various banquet booking events that take place at the venue. The purpose is to maintain a centralized database of all banquet event related information. The goal is to support various functions and processes necessary to manage the data efficiently.

Existing System

This existing system is not providing secure registration and profile management of all the users properly. This system is not providing on-line Help. This system doesn't provide tracking of users activities and their progress. This manual system gives us very less security for saving data and some data may be lost due to mismanagement. This system is not providing event management through internet. This system is not providing proper events information. The system is giving manual information through the event management executer.

Proposed System

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach. This system maintains user's personal, and contact details. This system will provide on line help and search capabilities. User friendliness is provided in the application with various controls provided by system rich user interface. Authentication is provided for this application only registered users can access. Banquet event information files can be stored in centralized database which can be maintained by the system. This system provides the users to manage the banquet events systematically.

2. SYSTEM ANALYSIS

FEASIBILITY STUDY

A feasibility study is a high-level capsule version of the entire System analysis and Design Process. The study begins by classifying the problem definition. Feasibility is to determine if it's worth doing. Once an acceptance problem definition has been generated, the analyst develops a logical model of the system. A search for alternatives is analyzed carefully. There are 3 parts in feasibility study.

Operational Feasibility

Question that going to be asked are Will the system be used if it developed and implemented.

If there was sufficient support for the project from the management and from the users.

Have the users been involved in planning and development of the Project.

Technical feasibility

Does the necessary technology exist to do what is been suggested Does the proposed equipment have the technical capacity for using the new system? Are there technical guarantees of accuracy, reliability and data security? The project is developed on Pentium III with 128 MB RAM.

The environment required in the development of system is any windows platform.

The observer pattern along with factory pattern will update the results eventually.

The language used in the development is PHP, Apache Server and database as MySQL.

2.1.2 Economical Feasibility

To decide whether a project is economically feasible, to consider various factors as cost benefit analysis, long-term returns and maintenance costs.

FUNCTIONAL REQUIREMENTS

Functional requirement defines a function of a software system or its component. A function is described as a set of inputs, the behaviour, and outputs. Functional requirements may be calculations, technical details, data manipulation and processing and other specific functionality that define what a system is supposed to accomplish. Behavioural requirements describing all the cases where the system uses the functional requirements are captured in use cases.

NUMBER OF MODULES

The system after careful analysis has been identified to be presented with the following modules:

Online Banquet Booking System Module

In OBBS project we use PHP and MySQL database. It has two modules.

1. Admin Module
2. User Module

Admin Module

1. Dashboard: In this section, admin can see all detail in brief like the total services, Total unread queries, Total read queries, Total new booking, Total Approved booking, Total Cancelled Booking and Total Event Type
2. Services: In this section, admin can manage services (add/delete).
3. Type of Event: In this section, admin can manage event type (add/delete).
4. Pages: In this section, the admin can manage about us and contact us pages.
5. Booking: In this section, admin can view new, approved, cancelled bookings and also give a remark.
6. Contact us Queries: In this section, admin can view and maintain the Queries.
7. Reports: In this section, admin can view booking in a particular period.
Search: In this section, admin can search booking details and user queries with the help of name, mobile number and booking id

Admin can also update his profile, change password and recover password.

User (Unregistered Users): user can view the website and check out the information about “Online Banquet Booking System” and they can also sent message to administration.

Registered Users: Only registered users can book the banquet and view status of his/her booking.

Registered users can also update his profile, change password and recover password.

NON-FUNCTIONAL REQUIREMENTS

Performance Requirements:

Performance is measured in terms of the output provided by the application. Requirement specification plays an important part in the analysis of a system. Only when the requirement specifications are properly given, it is possible to design a system, which will fit into required environment. It rests largely with the users of the existing system to give the requirement specifications because they are the people who finally use the system. This is because the requirements have to be known during the initial stages so that the system can be designed according to those requirements. It is very difficult to change the system once it has been designed and on the other hand designing a system, which does not cater to the requirements of the user, is of no use.

The requirement specification for any system can be broadly stated as given below:

The system should be able to interface with the existing system the system should be accurate.

The system should be better than the existing system

Reliability:

In this system reliability means the mail which is send by the source must reach the target user with any modification and accurate.

Security:

The web server and database server should be protected from hacking, virus etc

Portability:

The application will be developed using standard open source software like PHP, Apcache web server, MySQL database, Internet Explorer Browser etc these software will work both on Windows and Linux o/s. Hence portability problems will not arise.

Availability:

This software will be available always.

Maintainability:

In this system the presentation layer is clearly separated from the service layer. So any modification in future will be done with less effort. The database will be running at the server. Users access these forms by using the user-ids and the passwords.

HARDWARE REQUIREMENTS:

Processor	:	Intel P-IV based system
Processor Speed	:	2.0. GHz
RAM	:	1GB
Hard Disk	:	40GB to 80GB

SOFTWARE REQUIREMENTS:

Database	:	MySQL
Server	:	Apache
Frontend	:	HTML
Scripting language	:	Java Script
IDE	:	Sublime
Technology	:	PHP

3. SYSTEM DESIGN

UML DIAGRAMS

The unified modelling language allows the software engineer to express an analysis model using the modelling notation that is governed by a set of syntactic semantic and pragmatic rules.

Class Diagram:

The class diagram shows a set of classes, interfaces, collaborations and their relationships.

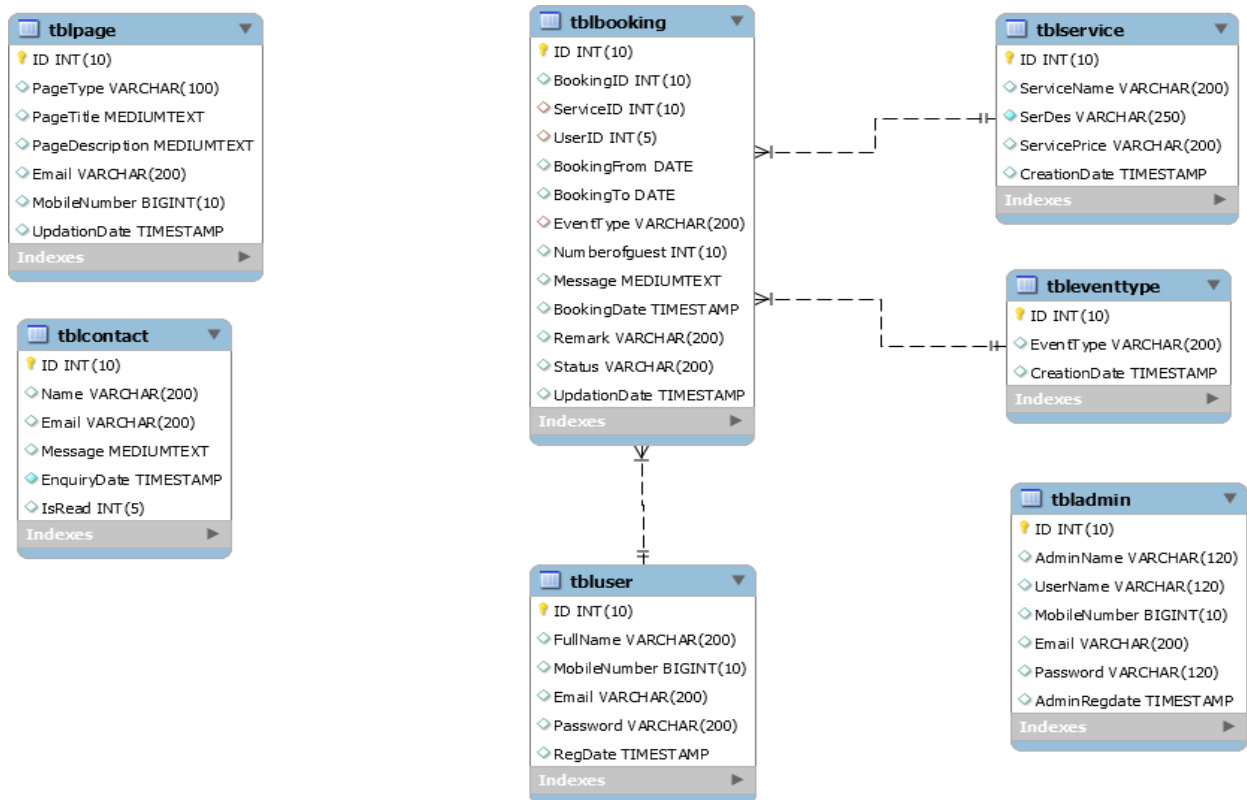
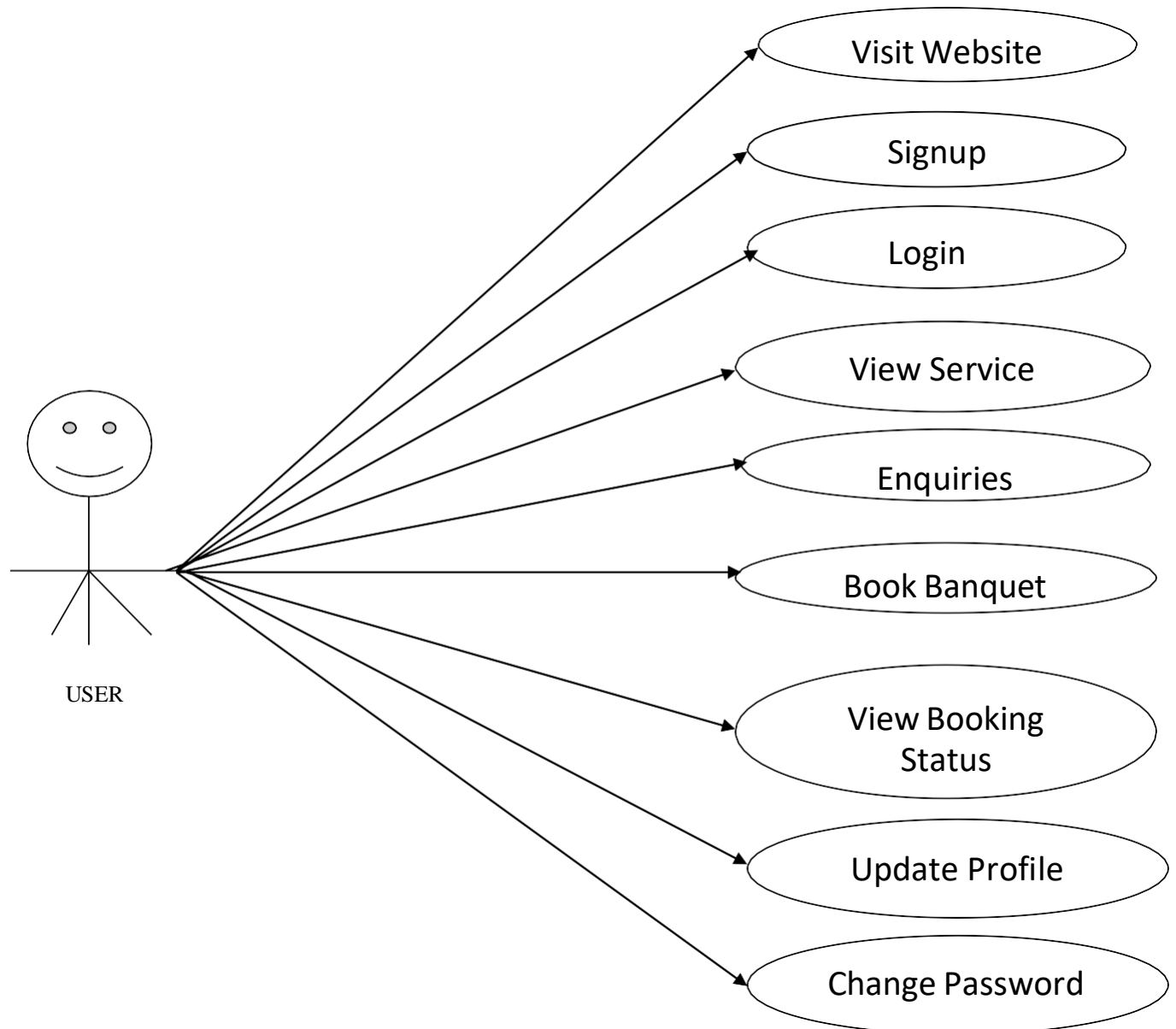


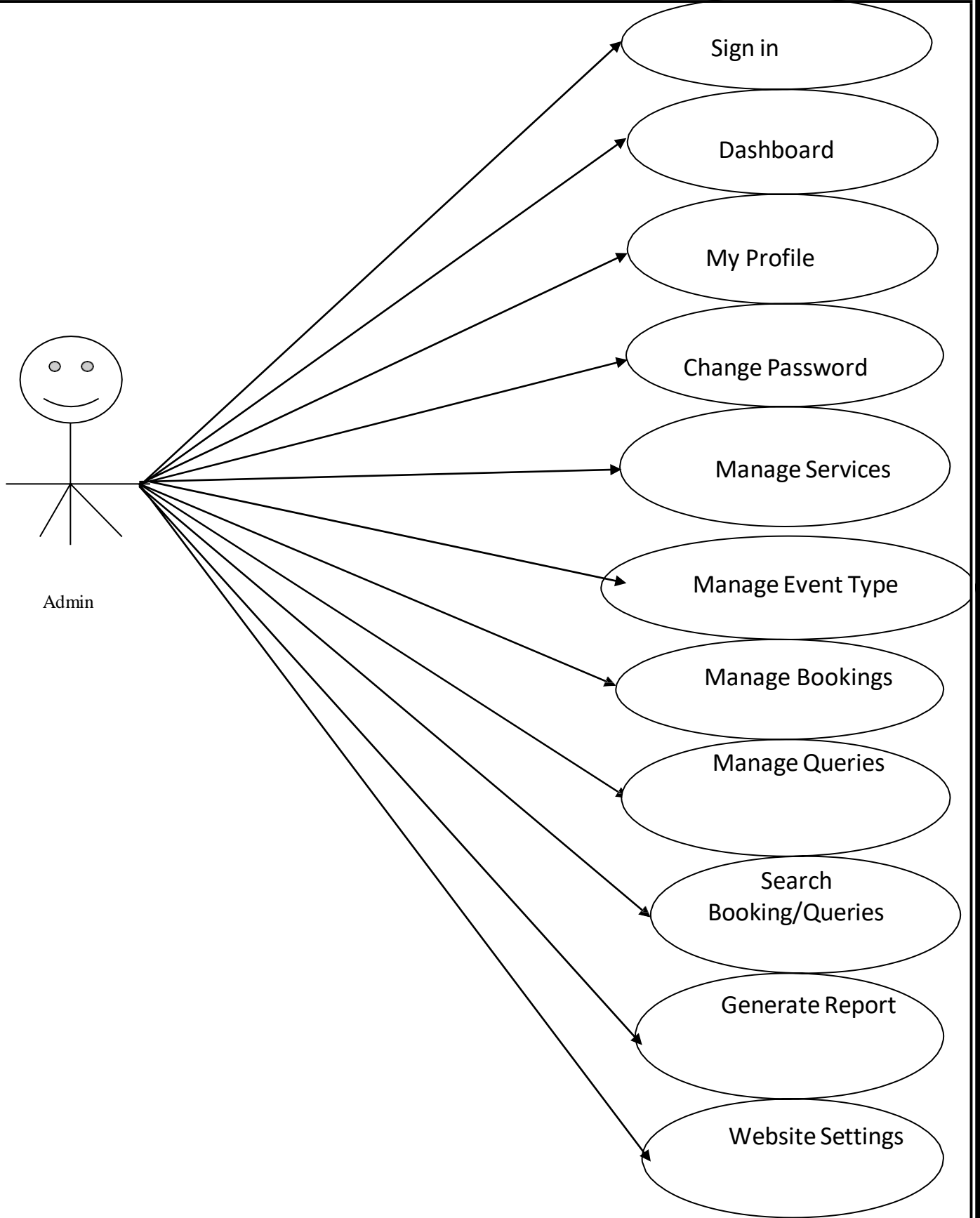
Fig: 3.1.1.1 Class diagram for on OBBS

Use case diagrams:

Use case diagram consists of actors, use cases and their relationships. These diagrams are especially important in organizing and modelling the behaviours of a system.



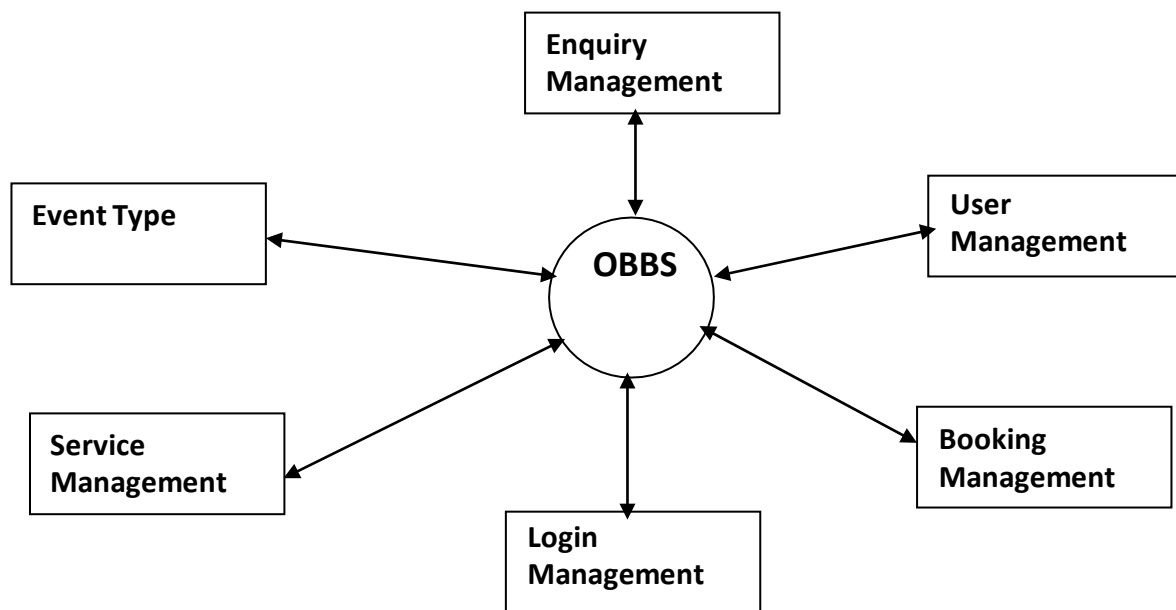
Use case diagram for user



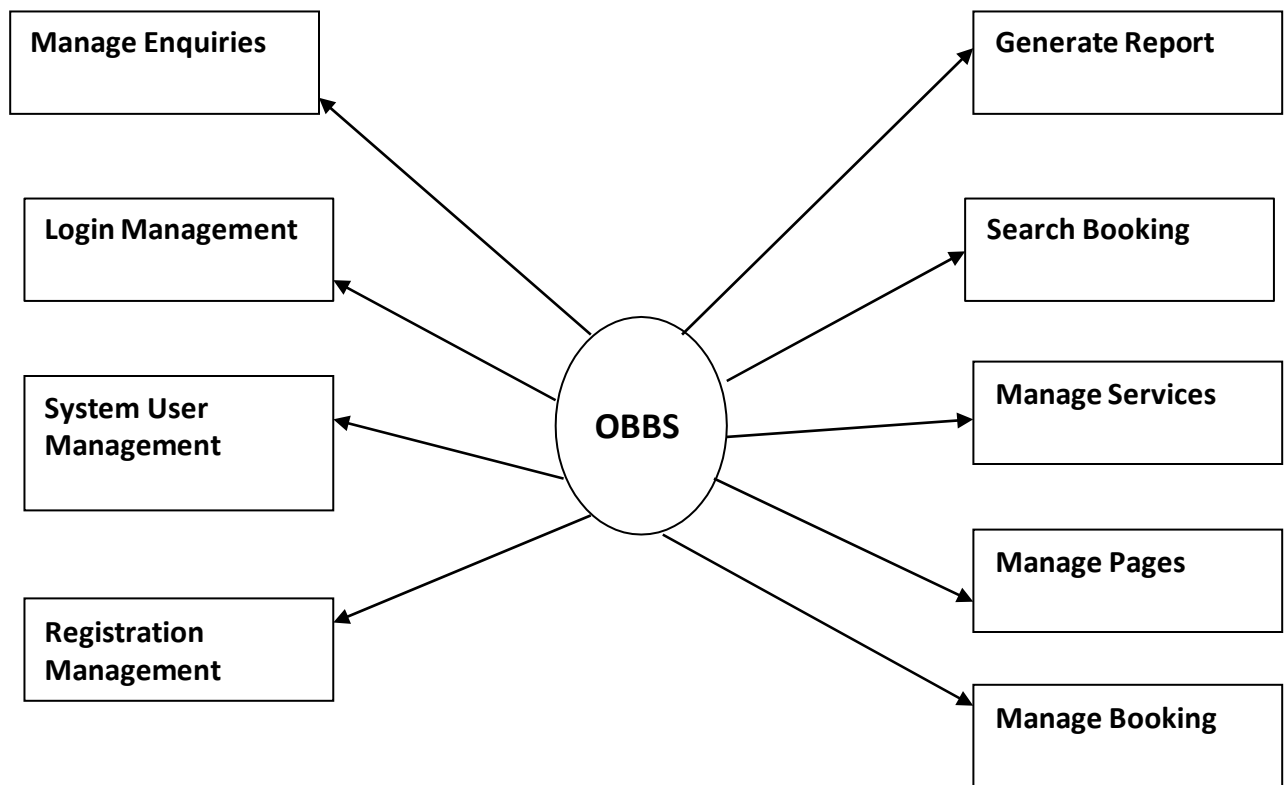
Use case diagram for Administrator

3.1.2 Data Flow Diagram:

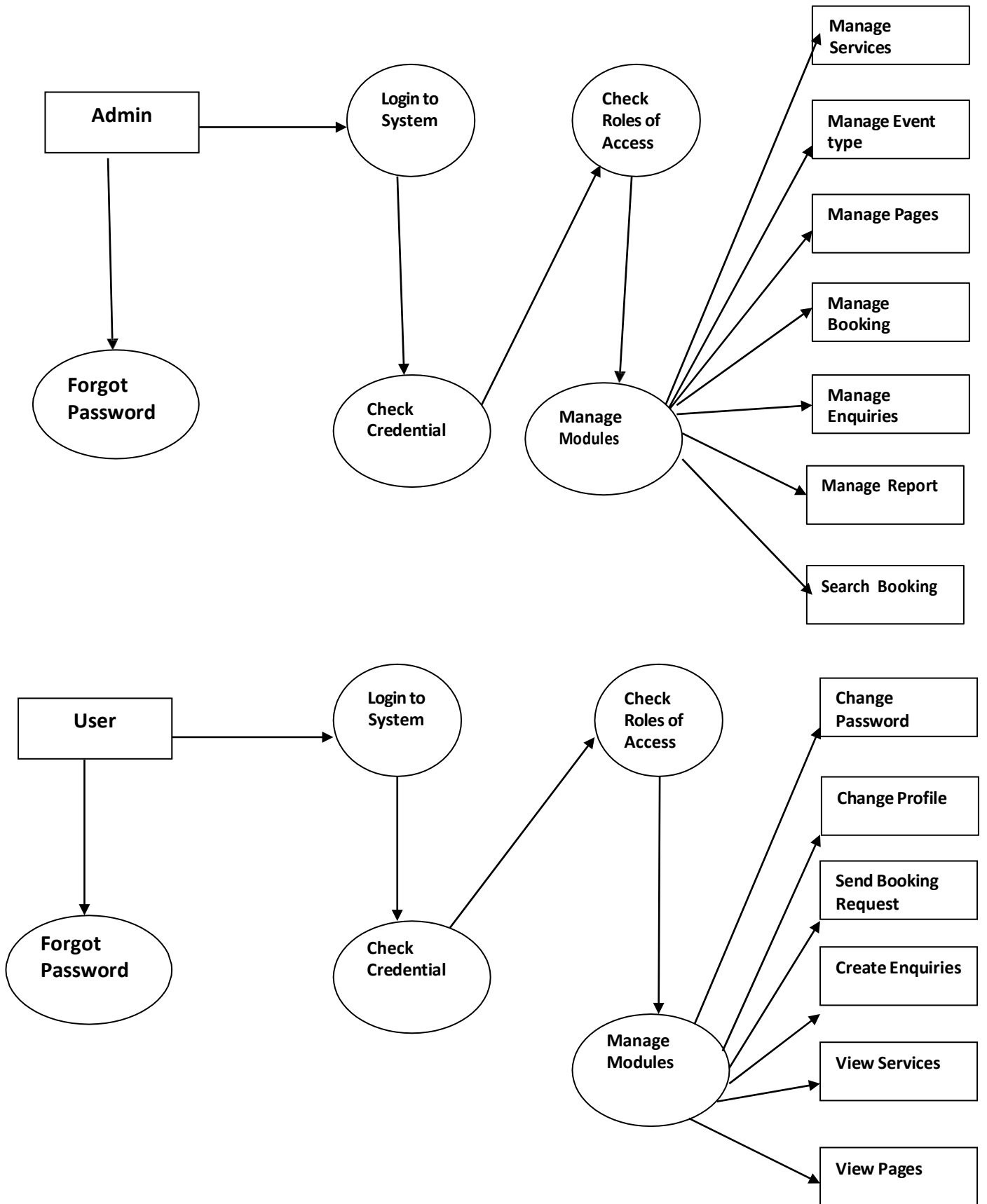
Zero Level DFD:



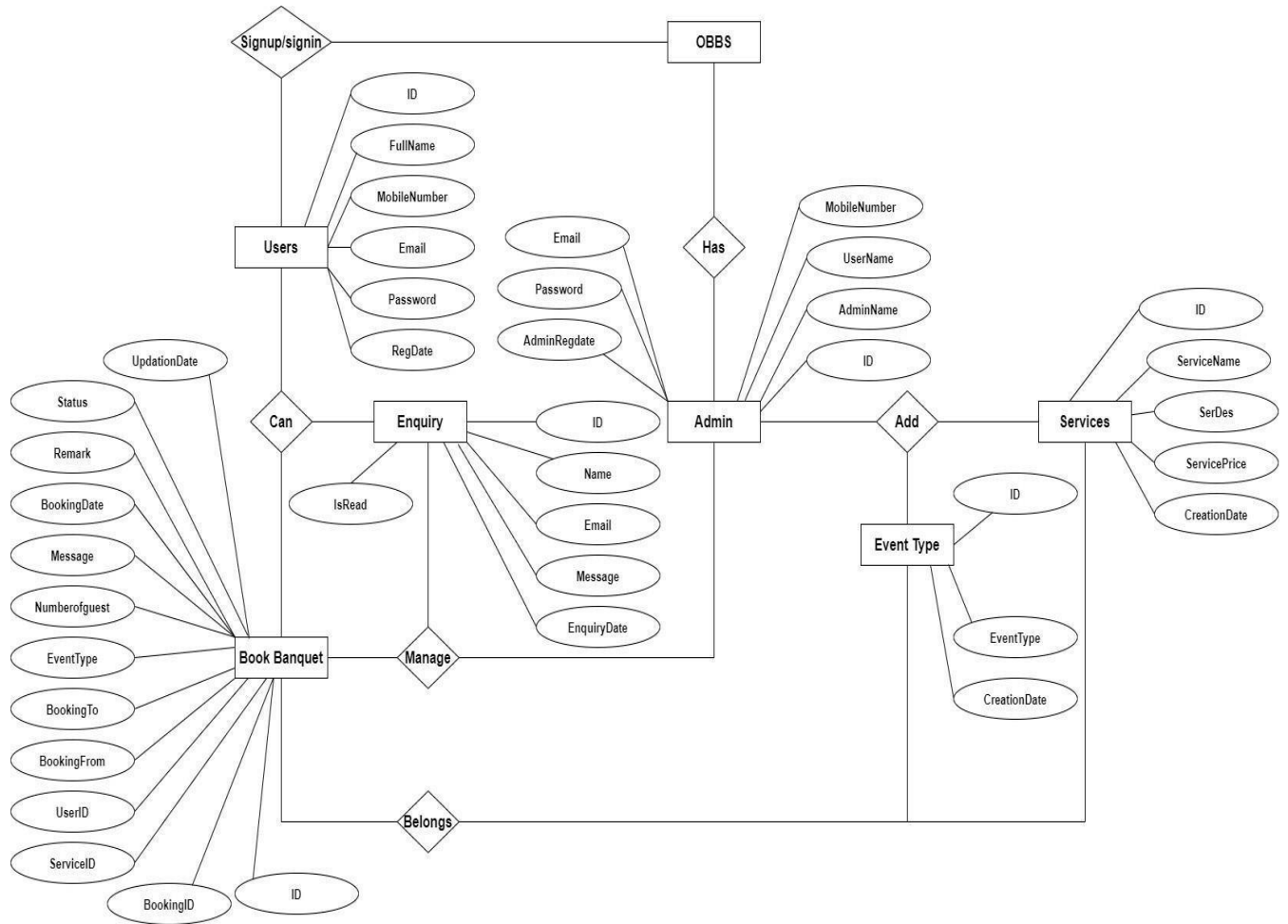
First Level DFD:



Second Level DFD



ER-DIAGRAM



ER diagram for Online Banquet Booking System

Tables


The data in the system has to be stored and retrieved from database. Designing the database is part of system design. Data elements and data structures to be stored have been identified at analysis stage. They are structured and put together to design the data storage and retrieval system.

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make database




access easy, quick, inexpensive and flexible for the user. Relationships are established between the data items and unnecessary data items are removed. Normalization is done to get an internal consistency of data and to have minimum redundancy and maximum stability. This ensures minimizing data storage required, minimizing chances of data inconsistencies and optimizing for updates. The MySQL database has been chosen for developing the relevant databases.

Online Banquet Booking System (OBBS) contains 7 MySQL tables:

tbladmin : This table store the admin login details

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	utf8mb4_general_ci		Yes	NULL		
3	UserName	varchar(120)	utf8mb4_general_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	Password	varchar(120)	utf8mb4_general_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		

tblbooking: This table store the booking details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	BookingID	int(10)			Yes	NULL		
3	ServiceID 	int(10)			Yes	NULL		
4	UserID	int(5)			Yes	NULL		
5	BookingFrom	date			Yes	NULL		
6	BookingTo	date			Yes	NULL		
7	EventType 	varchar(200)	utf8mb4_general_ci		Yes	NULL		
8	Numberofguest	int(10)			Yes	NULL		
9	Message	mediumtext	utf8mb4_general_ci		Yes	NULL		
10	BookingDate	timestamp			Yes	current_timestamp()		
11	Remark	varchar(200)	utf8mb4_general_ci		Yes	NULL		
12	Status	varchar(200)	utf8mb4_general_ci		Yes	NULL		
13	UpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

tbleventType: This table store the type of event details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🗝️	int(10)			No	None		AUTO_INCREMENT
2	EventType 🗝️	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	CreationDate	timestamp			Yes	current_timestamp()		

tblpage: This table about us and contact us detail.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🗝️	int(10)			No	None		AUTO_INCREMENT
2	PageType	varchar(100)	utf8mb4_general_ci		Yes	NULL		
3	PageTitle	mediumtext	utf8mb4_general_ci		Yes			
4	PageDescription	mediumtext	utf8mb4_general_ci		Yes			
5	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	UpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

tblservice: This table store the details of banquet services.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🗝️	int(10)			No	None		AUTO_INCREMENT
2	ServiceName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	SerDes	varchar(250)	utf8mb4_general_ci		No	None		
4	ServicePrice	varchar(200)	utf8mb4_general_ci		Yes	NULL		
5	CreationDate	timestamp			Yes	current_timestamp()		

tbluser: This table store the details of registered user

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🗝️	int(10)			No	None		AUTO_INCREMENT
2	FullName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	MobileNumber	bigint(10)			Yes	NULL		
4	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
5	Password	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	RegDate	timestamp			Yes	current_timestamp()		

tblcontact: This table store the details of enquires.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🗝️	int(10)			No	None		AUTO_INCREMENT
2	Name	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
4	Message	mediumtext	utf8mb4_general_ci		Yes	NULL		
5	EnquiryDate	timestamp			No	current_timestamp()		
6	IsRead	int(5)			Yes	NULL		

4. IMPLEMENTATION

INTRODUCTION:

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus, it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective. The implementation stage involves careful planning, investigation of the existing system and its constraints on implementation, designing of methods to achieve changeover and evaluation of changeover methods.

TECHNOLOGIES USED

Programming Language

PHP

- ✓ PHP stands for PHP: Hypertext Pre-processor
- ✓ PHP is a server-side scripting language, like ASP
- ✓ PHP scripts are executed on the server
- ✓ PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.)
- ✓ PHP is an open source software
- ✓ PHP is free to download and use

MYSQL

- ✓ MYSQL is a database server
- ✓ MYSQL is ideal for both small and large applications
- ✓ MYSQL supports standard SQL
- ✓ MYSQL compiles on a number of platforms
- ✓ MYSQL is free to download and use

CSS

- ✓ Cascading Style Sheets (CSS)
- ✓ Simple mechanism
- ✓ Easy for adding style (e.g., fonts, colors, spacing) to Web documents.

5. TESTING

Introduction

The purpose of testing is to discover errors. Testing is the process of trying to discover every conceivable fault or weakness in a work product. It provides a way to check the functionalities of components, sub assemblies, and/or a finished product it is the process of exercising software with the intent of ensuring that the software system meets its requirements and user expectations and does not fail in an unacceptable manner. There are various types of tests. Each test type addresses a specific testing requirement.

Types of Testing

Unit Testing

Unit testing focuses verification effort on the smallest unit of software design, the module. The unit testing, we have is white box oriented and some modules the steps are conducted in parallel.

5.1.2. Integration Testing

Testing is done for each module. After testing all the modules, the modules are integrated and testing of the final system is done with the test data, specially designed to show that the system will operate successfully in all its aspects conditions. Thus the system testing is a confirmation that all is correct and an opportunity to show the user that the system works. The purpose of integration testing is to verify functional, performance and reliability requirements placed on major design items. These "design items", i.e. assemblages (or groups of units), are exercised through their interfaces using black box testing, success and error cases being simulated via appropriate parameter and data inputs. Simulated usage of shared data areas and inter-process communication is tested and individual subsystems are exercised through their input interface.

Test cases are constructed to test that all components within assemblages interact correctly, for example across procedure calls or process activations, and this is done after testing individual modules, i.e. unit testing.

System Testing

System testing ensures that the entire integrated software system meets requirements. It tests a configuration to ensure known and predictable results. An example of system testing is the configuration oriented system integration test. System testing is based on process descriptions and flows, emphasizing pre-driven process links and integration points.

White Box Testing

This type of testing ensures that

All independent paths have been exercised at least once

All logical decisions have been exercised on their true and false sides

All loops are executed at their boundaries and within their operational bounds All internal data structures have been exercised to assure their validity.

To follow the concept of white box testing we have tested each form .we have created independently to verify that Data flow is correct, All conditions are exercised to check their validity, All loops are executed on their boundaries.

Basic Path Testing

Established technique of flow graph with Cyclometer complexity was used to derive test cases for all the functions. The main steps in deriving test cases were:

Use the design of the code and draw correspondent flow graph.

Conditional Testing

In this part of the testing each of the conditions were tested to both true and false aspects. And all the resulting paths were tested. So that each path that may be generate on particular condition is traced to uncover any possible errors.

Data Flow Testing

This type of testing selects the path of the program according to the location of

Definition and use of variables. This kind of testing was used only when some local variable were declared. The definition-use chain method was used in this type of testing. These were particularly useful in nested statements.

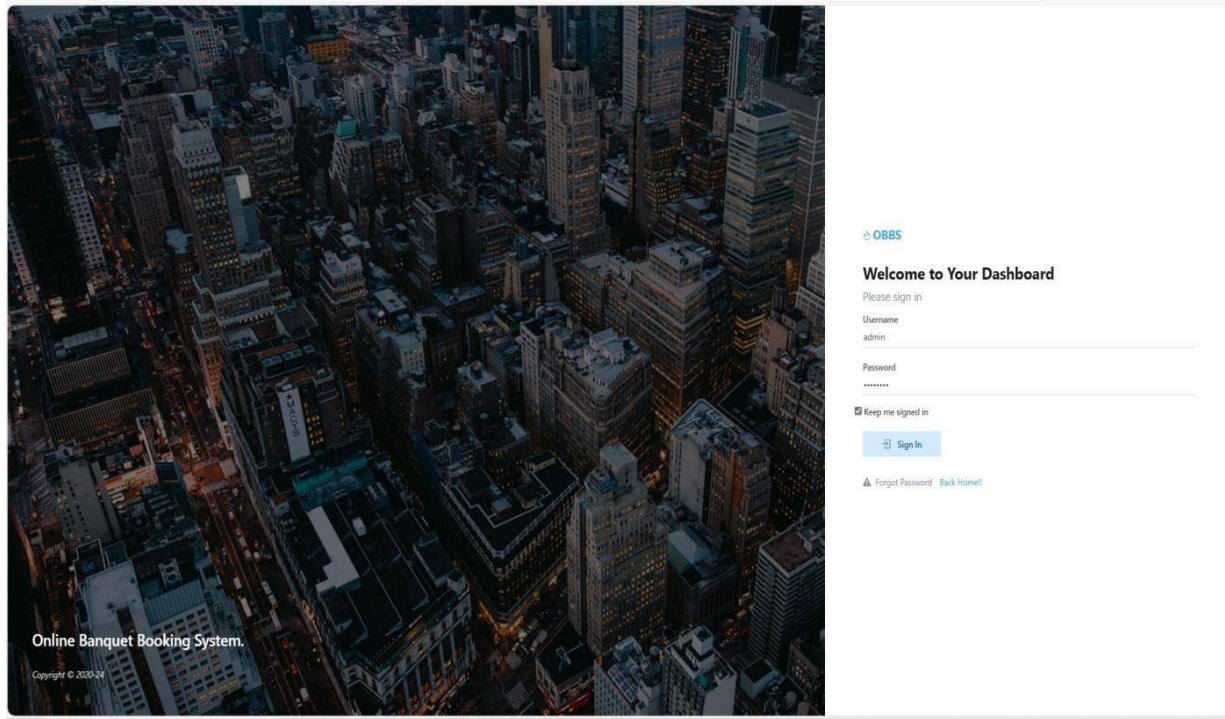
Loop Testing

In this type of testing all the loops are tested to all the limits possible. The following exercise was adopted for all loops: All the loops were tested at their limits, just above them and just below them. All the loops were skipped at least once. For nested loops test the inner most loop first and then work outwards. For concatenated loops the values of dependent loops were set with the help of connected loop. Unstructured loops were resolved into nested loops or concatenated loops and tested as above. Each unit has been separately tested by the development team itself and all the input have been validated.

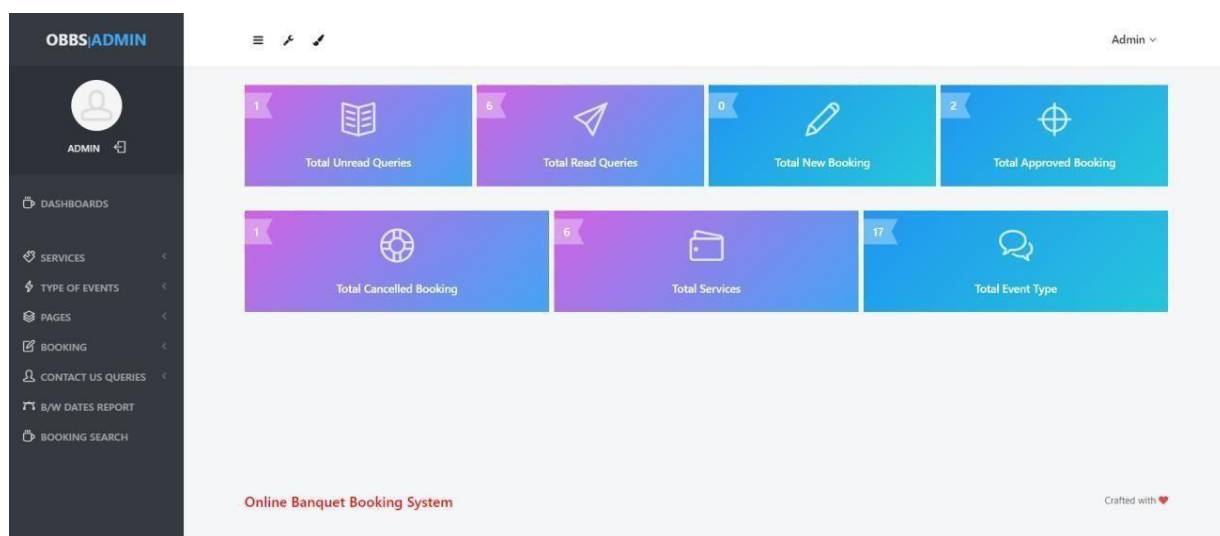
6. Output Screen of Project

Admin Module Screens

Sign In



Dashboard



Profile

OBBS ADMIN Admin

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

Admin Profile

Admin Profile

Admin Name:

User Name:

Email:

Contact Number:

Admin Registration Date:

[+ Update](#)

Online Banquet Booking System Crafted with ❤️

Change Password

OBBS ADMIN Admin

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

Change Password

Change Password

Change Password

Current Password:

New Password:

Confirm Password:

[+ Change](#)

Online Banquet Booking System Crafted with ❤️

Add Services

OBBSADMIN Admin

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

Add Services

Service Name:

Service Description:

Service Price:

[+ Add](#)

Online Banquet Booking System Crafted with ❤️

Manage Services

OBBSADMIN Admin

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

Manage Services

Show 8 entries Search:

#	SERVICE NAME	SERVICE PRICE	CREATION DATE	ACTION
1	Wedding DJ	Rs800	2024-02-10 12:47:43	Delete
2	Party DJ	Rs700	2024-02-10 12:47:43	Delete
3	Ceremony Music	Rs650	2024-02-10 12:47:43	Delete
4	Photo Booth Hire	Rs500	2024-02-10 12:47:43	Delete
5	DJ Night	Rs450	2024-03-12 12:47:43	Delete
6	Uplighters	Rs200	2024-02-10 12:47:43	Delete

Showing 1 to 6 of 6 entries First Previous 1 Next Last

Online Banquet Booking System Crafted with ❤️

Add Event Type

The screenshot shows the 'Add Event Type' form in the OBBS ADMIN interface. The form has a green header bar with the title 'Add Event Type'. Below the header is a text input field labeled 'Event Type:' with a '+ Add' button underneath it. The interface includes a dark sidebar with navigation options like 'DASHBOARDS', 'SERVICES', 'TYPE OF EVENTS', 'PAGES', 'BOOKING', 'CONTACT US QUERIES', 'B/W DATES REPORT', and 'BOOKING SEARCH'. The footer contains the text 'Online Banquet Booking System' and 'Crafted with ❤️'.

Manage Event Type

The screenshot shows the 'Manage Event Type' table in the OBBS ADMIN interface. The table has 8 columns: '#', 'EVENT NAME', 'CREATION DATE', 'CREATION DATE', and 'ACTION'. The first two 'CREATION DATE' columns appear to be identical. The 'ACTION' column contains 'Delete' buttons for each row. The table is paginated, showing 1 to 8 of 17 entries. The footer contains the text 'Online Banquet Booking System' and 'Crafted with ❤️'.

#	EVENT NAME	CREATION DATE	CREATION DATE	ACTION
1	Anniversary	2024-01-30 12:31:39	2024-01-30 12:31:39	Delete
2	Birthday Party	2024-01-30 12:31:39	2024-01-30 12:31:39	Delete
3	Charity	2024-01-30 12:31:39	2024-01-30 12:31:39	Delete
4	Cocktail	2024-01-30 12:31:39	2024-01-30 12:31:39	Delete
5	College	2024-01-30 12:31:39	2024-01-30 12:31:39	Delete
6	Community	2024-01-30 12:31:39	2024-01-30 12:31:39	Delete
7	Concert	2024-01-30 12:31:39	2024-01-30 12:31:39	Delete
8	Engagement	2024-01-30 12:31:39	2024-01-30 12:31:39	Delete

Update about Us

The screenshot shows the 'Update About Us' page in the OBBS ADMIN system. On the left is a dark sidebar with the 'OBBS ADMIN' logo and a user profile for 'ADMIN'. The sidebar menu includes: DASHBOARDS, SERVICES, TYPE OF EVENTS, PAGES, BOOKING, CONTACT US QUERIES, B/W DATES REPORT, and BOOKING SEARCH. The main content area has a header with a hamburger menu, edit icons, and a user dropdown for 'Admin'. Below the header is a form titled 'Update About Us' with a green header bar. The form contains: a 'Page Title' field with the value 'About Us'; a 'Page Description' field with a rich text editor containing the text: 'Online Banquet Booking System', 'OBBS is one of the Internet's largest and trusted Online Banquet Booking Service. OBBS has done several placements locally & globally for top artists.', and 'Test data for testing.'; and a '+ Update' button. At the bottom of the page, it says 'Online Banquet Booking System' and 'Crafted with ❤️'.

Update Contact Us

The screenshot shows the 'Update Contact Us' page in the OBBS ADMIN system. The layout is identical to the 'Update About Us' page. The sidebar and main header are the same. The 'Update Contact Us' form has a green header bar and contains: a 'Page Title' field with the value 'Contact Us'; an 'Email' field with the value 'info@gmail.com'; a 'Mobile Number' field with the value '1234567899'; and a 'Page Description' field with a rich text editor containing the text: 'D-204, Hole Town South West, Delhi-110096, India'. There is a '+ Update' button at the bottom of the form. The footer of the page reads 'Online Banquet Booking System' and 'Crafted with ❤️'.

New Booking

OBBS ADMIN Admin

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

New Booking

Show 8 entries

#	BOOKING ID	CUSTOMER NAME	MOBILE NUMBER	EMAIL	BOOKING DATE	STATUS	ACTION
1	408268347	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:59:42	No Processed yet	View
2	593605826	prerna	9501751281	prernadevi@gmail.com	2024-04-10 09:48:05	No Processed yet	View
3	747866360	priya	9876543210	priya123@gmail.com	2024-04-10 09:54:39	No Processed yet	View

Showing 1 to 3 of 3 entries

First Previous **1** Next Last

Online Banquet Booking System Crafted with ❤️

View Booking

OBBS ADMIN Admin

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

View Booking

View Booking

Booking Number: 422701608

Client Name	Reetu Singh	Mobile Number	9865437471
Email	reetu@gmail.com	Booking From	2024-02-17
Booking To	2024-02-19	Number of Guest	200
State	Punjab	City	Raikot
Event Type	Wedding	Message	rytriyu uytyuji joyuutuyfh
Service Name	Wedding DJ	Service Description	(we install the DJ equipment before your ceremony or after your wedding breakfast)
Service Price	Rs800	Apply Date	2024-02-16 12:28:08
Order Final Status	Approved	Admin Remark	Approved

Online Banquet Booking System Crafted with ❤️

Update Remark

The screenshot shows the 'Update Remark' modal in the OBBS ADMIN interface. The modal is titled 'Take Action' and contains a text area for 'Remark', a dropdown menu for 'Status' (set to 'Approved'), and 'Close' and 'Update' buttons. The background shows the 'View Booking' page with a table of booking details.

Client Name	Reetu Singh		
Email	reetu@gmail.com		
Booking To	2022-02-21 14:06:42		
Event Type	Get Together		
Service Name	Karaoke Add-on	Service Description	Karaoke is a great alternative to a disco. It's perfect for staff parties and children's parties.
Service Price	\$450	Apply Date	2022-02-21 14:06:42
Order Final Status	Not Response Yet	Admin Remark	Not Updated Yet

Approved Booking

The screenshot shows the 'Approved Booking' page in the OBBS ADMIN interface. The page displays a table of approved bookings with columns for #, Booking ID, Customer Name, Mobile Number, Email, Booking Date, Status, and Action. The table shows 7 entries, with the first 7 rows visible. The page also includes a search bar, a pagination control, and a footer with the text 'Online Banquet Booking System' and 'Crafted with ❤️'.

#	BOOKING ID	CUSTOMER NAME	MOBILE NUMBER	EMAIL	BOOKING DATE	STATUS	ACTION
1	422701608	Reetu Singh	9865437471	reetu@gmail.com	2024-02-16 12:28:08	Approved	View
2	347642822	Anuj Singh	987654321	akj@gmail.com	2024-02-19 23:21:30	Approved	View
3	144316724	Anuj Singh	987654321	akj@gmail.com	2024-03-02 10:12:09	Approved	View
4	919241961	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:57:40	Approved	View
5	175714300	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:58:44	Approved	View
6	635375032	tanya	9876543210	tanya@gmail.com	2024-04-10 09:45:53	Approved	View
7	448642485	priya	9876543210	priya123@gmail.com	2024-04-10 09:52:00	Approved	View

View Approved Booking

OBBS ADMIN

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

Admin

View Booking

View Booking

Booking Number: 422701608

Client Name	Reetu Singh	Mobile Number	9865437471
Email	reetu@gmail.com	Booking From	2024-02-17
Booking To	2024-02-19	Number of Guest	200
State	Punjab	City	Raikot
Event Type	Wedding	Message	rytriyu uytuyi joyuutyfth
Service Name	Wedding DJ	Service Description	(we install the DJ equipment before your ceremony or after your wedding breakfast)
Service Price	Rs800	Apply Date	2024-02-16 12:28:08
Order Final Status	Approved	Admin Remark	Approved

Online Banquet Booking System

Crafted with ❤️

Cancelled Booking

OBBS ADMIN

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

Admin

Cancelled Booking

Cancelled Booking

Show 8 entries

Search:

#	BOOKING ID	CUSTOMER NAME	MOBILE NUMBER	EMAIL	BOOKING DATE	STATUS	ACTION
1	697339619	Jiya	8976543281	Jiya1@gmail.com	2024-02-19 20:54:38	Cancelled	View
2	118227149	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:56:42	Cancelled	View
3	790398629	priya	9876543210	priya123@gmail.com	2024-04-10 09:50:32	Cancelled	View

Showing 1 to 3 of 3 entries


First Previous 1 Next Last

Online Banquet Booking System

Crafted with ❤️

View Cancelled Booking

OBBS ADMIN
Admin



ADMIN

View Booking

View Booking
🔄 ⬆️


Booking Number: 697339619

Client Name	Jiya	Mobile Number	8976543281
Email	Jiya1@gmail.com	Booking From	2024-02-20
Booking To	2024-02-22	Number of Guest	200
State	Haryana	City	Rohtak
Event Type	Anniversary	Message	NA
Service Name	Party DJ	Service Description	(we install the DJ equipment 1 hour before your selected event start time)
Service Price	Rs700	Apply Date	2024-02-19 20:54:38
Order Final Status	Cancelled	Admin Remark	Your booking is cancelled

Online Banquet Booking System
Crafted with ❤️

All Booking

OBBS ADMIN
Admin



ADMIN

Total Booking

Show 8 entries
Search:

BOOKING ID	CUSTOMER NAME	MOBILE NUMBER	EMAIL	BOOKING DATE	STATUS	ACTION
1 422701608	Reetu Singh	9865437471	reetu@gmail.com	2024-02-16 12:28:08	Approved	View
2 697339619	Jiya	8976543281	Jiya1@gmail.com	2024-02-19 20:54:38	Cancelled	View
3 347642822	Anuj Singh	987654321	akj@gmail.com	2024-02-19 23:21:30	Approved	View
4 144316724	Anuj Singh	987654321	akj@gmail.com	2024-03-02 10:12:09	Approved	View
5 118227149	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:56:42	Cancelled	View
6 919241961	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:57:40	Approved	View
7 175714300	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:58:44	Approved	View
8 408268347	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:59:42	No Processed yet	View

Showing 1 to 8 of 13 entries

[First](#)
[Previous](#)
1
2
[Next](#)
[Last](#)

Unread Queries

OBBS ADMIN Admin

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

Unread Queries

Show 8 entries Search:

#	NAME	EMAIL	SEND MESSAGE DATE	ACTION
1	tanya	tanya@gmail.com	2024-04-10 13:09:59	View

Showing 1 to 1 of 1 entries First Previous 1 Next Last

Online Banquet Booking System Crafted with

Read Queries

OBBS ADMIN Admin

ADMIN

- DASHBOARDS
- SERVICES
- TYPE OF EVENTS
- PAGES
- BOOKING
- CONTACT US QUERIES
- B/W DATES REPORT
- BOOKING SEARCH

Read Queries

Show 8 entries Search:

#	NAME	EMAIL	SEND MESSAGE DATE	ACTION
1	Kiran	kran@gmail.com	2024-02-12 12:58:24	View
2	Sarita	sar@gmail.com	2024-03-06 12:56:24	View
3	prerna	p123@gmail.com	2024-03-12 12:56:24	View
4	Ankit	ak@gmail.com	2024-03-17 10:23:00	View
5	Anuj	akj@gmail.com	2024-02-01 12:56:24	View
6	tanya	tanya@gmail.com	2024-04-10 13:09:59	View

Showing 1 to 6 of 6 entries First Previous 1 Next Last

View Queries

The screenshot shows the 'View Queries' page in the OBBS ADMIN interface. The left sidebar contains navigation items: DASHBOARDS, SERVICES, TYPE OF EVENTS, PAGES, BOOKING, CONTACT US QUERIES, B/W DATES REPORT, and BOOKING SEARCH. The main content area displays a 'View Queries' table with the following data:

View Queries	
Name	Kiran
Email	kran@gmail.com
Message	cost of volvo place pritamapura to dwarka

At the bottom of the page, it says 'Online Banquet Booking System' and 'Crafted with ❤️'.

Between Dates Report

The screenshot shows the 'Between Dates Report' page in the OBBS ADMIN interface. The left sidebar is the same as in the previous screenshot. The main content area displays a form for generating a report:

Between Dates Report

From Date:

To Date:

At the bottom of the page, it says 'Online Banquet Booking System' and 'Crafted with ❤️'.

Between Dates Report Details

OBBSADMIN
Admin

B/W Dates Booking Report
Report from 2024-03-01 to 2024-04-10

Show 8 entries
Search:

#	BOOKING ID	CUSTOMER NAME	MOBILE NUMBER	EMAIL	BOOKING DATE	STATUS	ACTION
1	144316724	Anuj Singh	987654321	akj@gmail.com	2024-03-02 10:12:09	Approved	View
2	118227149	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:56:42	Cancelled	View
3	919241961	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:57:40	Approved	View
4	175714300	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:58:44	Approved	View
5	408268347	Anuj Singh	987654321	akj@gmail.com	2024-04-09 10:59:42	No Processed yet	View
6	635375032	tanya	9876543210	tanya@gmail.com	2024-04-10 09:45:53	Approved	View
7	593605826	prerna	9501751281	premadevi@gmail.com	2024-04-10 09:48:05	No Processed yet	View
8	790398629	priya	9876543210	priya123@gmail.com	2024-04-10 09:50:32	Cancelled	View

Showing 1 to 8 of 11 entries
First Previous **1** 2 Next Last

Search Booking

OBBSADMIN
Admin

Search Booking

Search Booking

Search by Booking No./Name/Mobile No.

[Search](#)

Result against "tanya" keyword

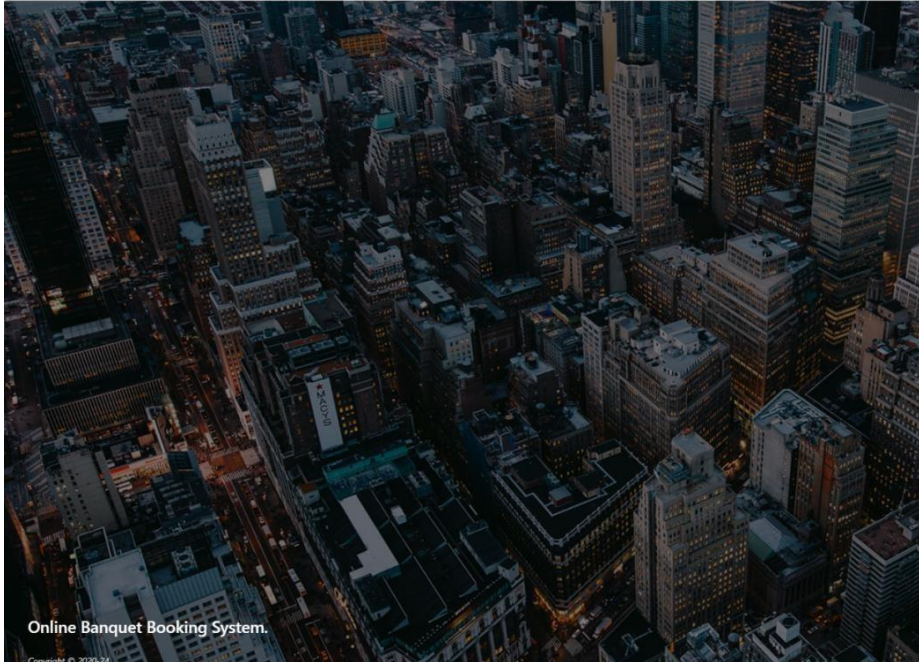
Show 8 entries
Search:

#	BOOKING ID	CUSTOMER NAME	MOBILE NUMBER	EMAIL	BOOKING DATE	STATUS	ACTION
1	635375032	tanya	9876543210	tanya@gmail.com	2024-04-10 09:45:53	Approved	View
2	280799504	tanya	9876543210	tanya@gmail.com	2024-04-10 13:08:16	Not Updated Yet	View

Showing 1 to 1 of 1 entries
First Previous **1** Next Last

Online Banquet Booking System
Crafted with

Forgot Password



OBBS

Don't worry, we've got your back

Please enter below detail

Email Address

Mobile Number

New Password

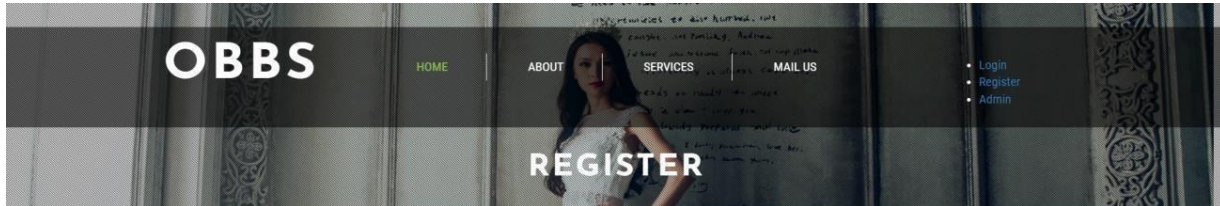
Confirm Password

Reset

Sign In

User Module

Registration Page



Register Yourself



Full Name

E-mail

Mobile Number

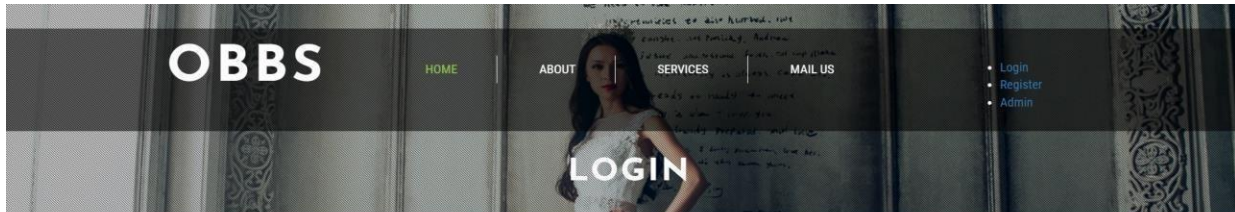
Password

Confirm Password

Register NOW

Already have an account!!!

Login Page



Login to User Panel



E-mail

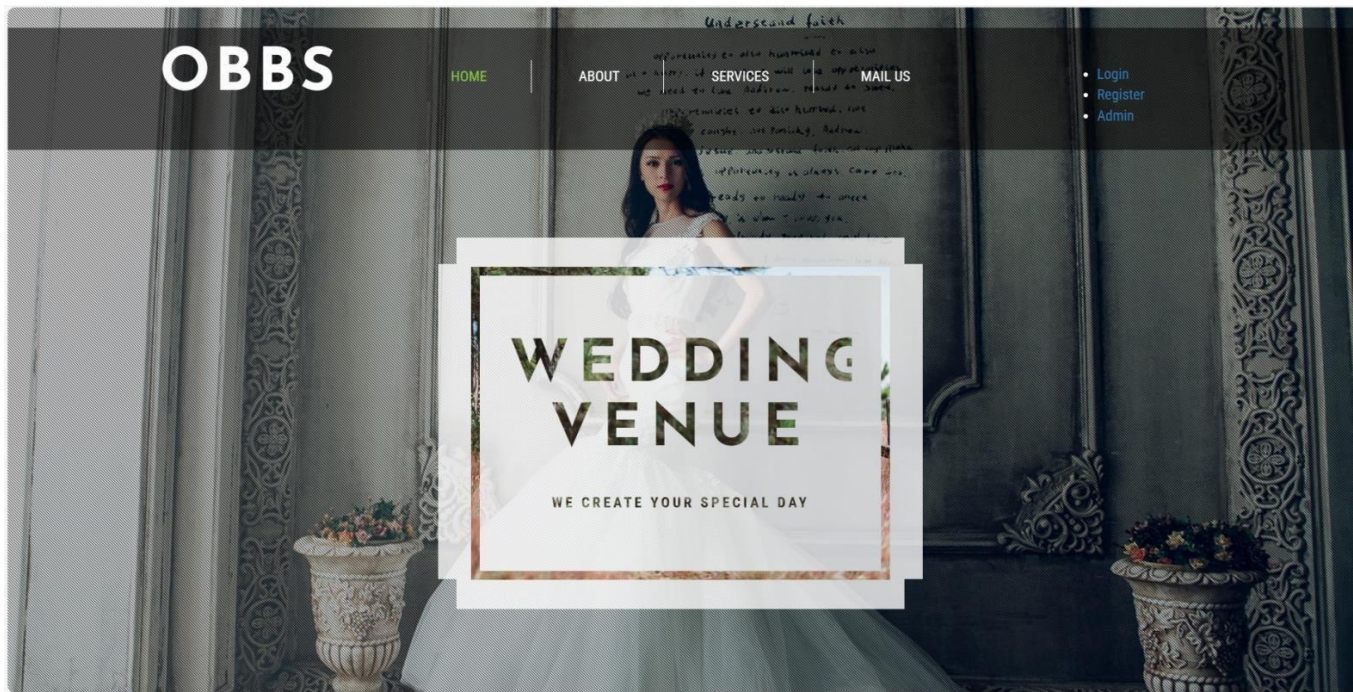
Password

[Forgot Password?](#)

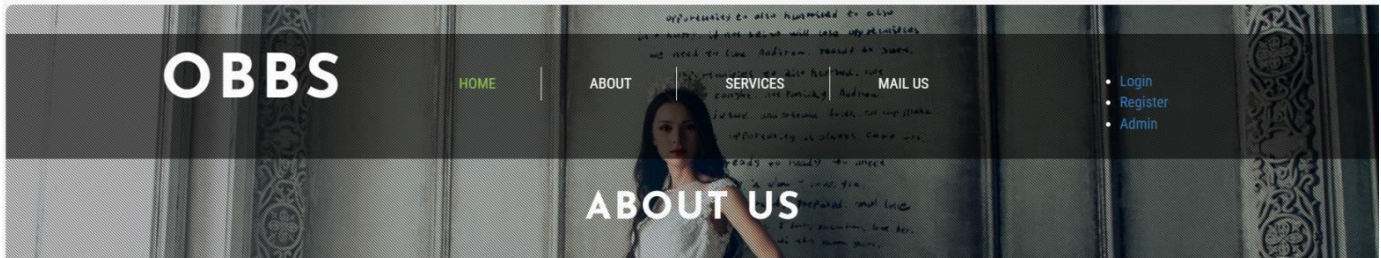
[LOGIN NOW](#)

[Register Yourself](#)

Home Page



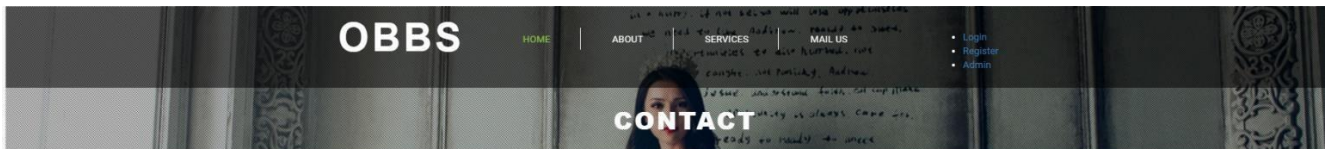
About Us



ABOUT US

Prepare to be impressed as you enter The Prestige Banquet Hall. You'll find that our location is the perfect event venue for your wedding reception, fundraiser, holiday, corporate meeting, seminar, or any event of virtually any size. We will customize our hall to best suit your needs. With a wide selection of package options that cater to almost any event that you can imagine; along with our executive chef that is capable of preparing a diverse selection of catering menus, every affair at The Wedding Vanue Banquet Hall is truly exceptional. We take pride in responding to the needs of our customers and you can count on our event managers for all phases of your affair. The continued success at The hall resides in our impeccable attention to detail, our firm belief in the quality of our food, and the commitment to make every event memorable for our customers.

Contact Us



Get in touch

Pellentesque eget mi nec est trincidunt accumsan. Proin fermentum dignissim justo, vel euismod justo sodales vel, in non condimentum mauris. Maecenas condimentum interdum lacus, ac varius nisi dignissim ac. Vestibulum euismod est risus, quis convallis nisi trincidunt eget. Sed utrilcis congue lacus at fringilla.

- +9501751282
- pk@gmail.com
- D-204, Hole town,Pathankot,Punjab,India.

Send us a message

Full Name

Email

Message

Submit

Services Page

SERVICES

List of services which is provided by us.

#	Package Name	Description	Price	Action
1	Wedding DJ	(we install the DJ equipment before your ceremony or after your wedding breakfast)	Rs800	Book Services
2	Party DJ	(we install the DJ equipment 1 hour before your selected event start time)	Rs700	Book Services
3	Ceremony Music	Our ceremony music service is a popular add on to our wedding DJ stay all day hire.	Rs650	Book Services
4	Photo Booth Hire	(early equipment setup included)	Rs500	Book Services
5	DJ Night	DJ Night is a great alternative to a disco. It's perfect for staff parties and children's parties.	Rs450	Book Services
6	Uplighters	Uplighters are bright lighting fixtures which are installed on the floor and shine a vibrant wash of colour over the walls of your venue	Rs200	Book Services

Book Services

BOOK SERVICES

Book Services

Booking From:

Booking To:

Type of Event:

Number of Guest:

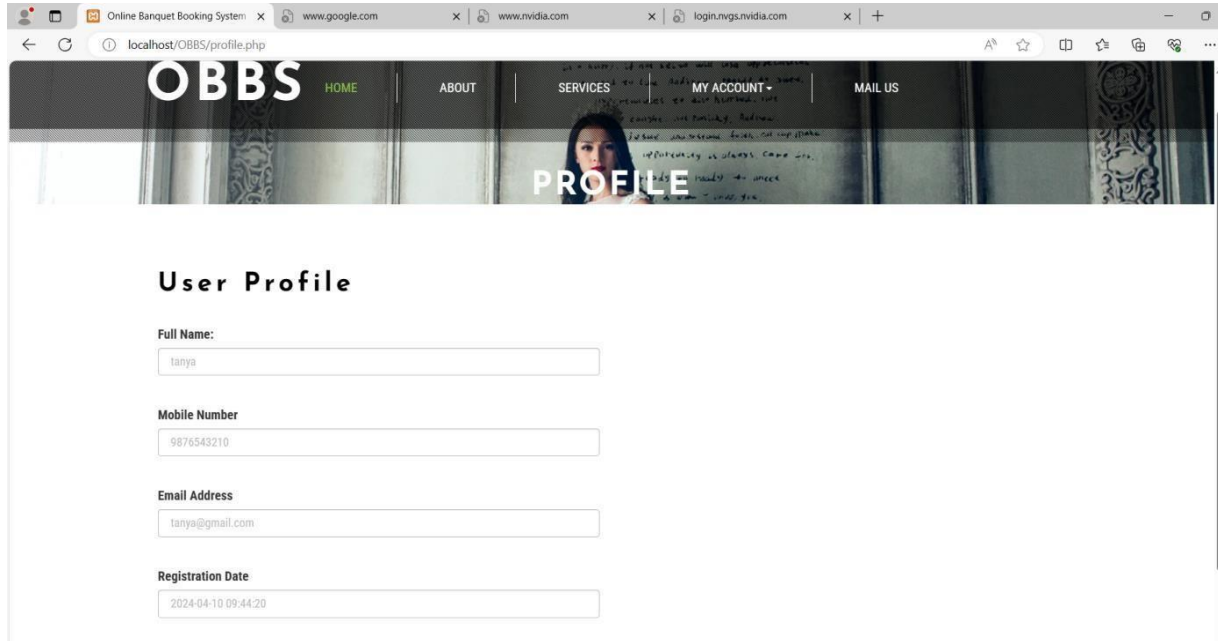
State

State

Message(if any)

[Book](#)

User Profile



OBBS HOME ABOUT SERVICES MY ACCOUNT MAIL US

User Profile

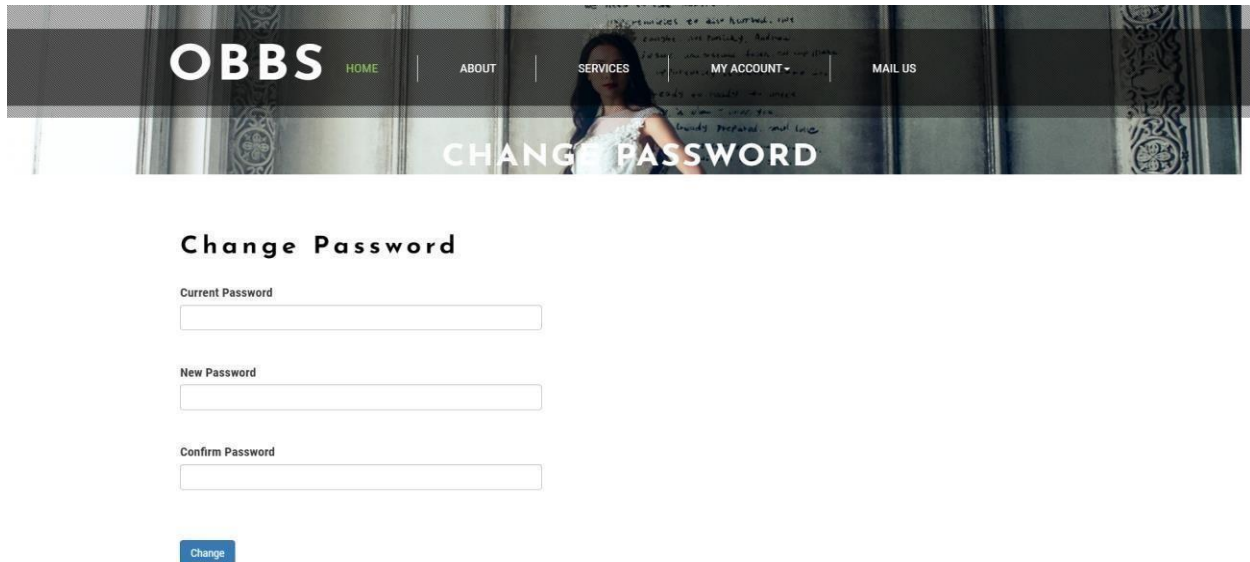
Full Name:

Mobile Number

Email Address

Registration Date

Change Password



OBBS HOME ABOUT SERVICES MY ACCOUNT MAIL US

Change Password

Current Password

New Password

Confirm Password

Booking Status



List of booking.

	Booking ID	Customer Name	Mobile Number	Email	Booking Date	Status	Action
1	635375032	tanya	9876543210	tanya@gmail.com	2024-04-10 09:45:53	Approved	View
2	280799504	tanya	9876543210	tanya@gmail.com	2024-04-10 12:08:16	Not Updated Yet	View

View Booking



View Your Booking Details.

Booking Number: 635375032			
Client Name	tanya	Mobile Number	9876543210
Email	tanya@gmail.com	Booking From	2024-04-10
Booking To	2024-04-13	Number of Guest	51
State	Punjab	City	Pathankot
Event Type	Get Together	Message	want good arrangement of food
Service Name	Wedding DJ	Service Description	(we install the DJ equipment before your ceremony or after your wedding breakfast)
Service Price	Rs800	Apply Date	2024-04-10 09:45:53
Order Final Status	Approved	Admin Remark	okkkkkk

7. CONCLUSION

While developing the system a conscious effort has been made to create and develop a software package, making use of available tools, techniques and resources – that would generate a proper System While making the system, an eye has been kept on making it as user-friendly, as cost-effective and as flexible as possible. As such one may hope that the system will be acceptable to any user and will adequately meet his/her needs. As in case of any system development processes where there are a number of shortcomings, there have been some shortcomings in the development of this system also. The project is still under modification.

8. FUTURE SCOPE

The scope of the project includes that what all future enhancements can be Done in this system to make it more feasible to us:-

- Databases for different products range and storage can be provided.
- Multilingual support can be provided so that it can be understandable by the person of any language.
- More graphics can be added to make it more user-friendly and understandable.
- Manage & backup versions of documents online.

9. REFERENCES

- ✓ www.w3schools.com
- ✓ [*php.net*](http://php.net)
- ✓ [*en.wikipedia.org/wiki/PHP*](http://en.wikipedia.org/wiki/PHP)
- ✓ [www.hotscripts.com/category/**php**/](http://www.hotscripts.com/category/php/)
- ✓ [www.**apache**.org](http://www.apache.org)
- ✓ [www.**mysql**.com/click.php?e=35050](http://www.mysql.com/click.php?e=35050)

PROJECT REPORT

ON

OLD AGE HOME MANAGEMENT SYSTEM

Submitted in partial fulfillment of the requirements for the award of degree of

M.Sc (COMPUTER SCIENCE)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

Mrs. Bhanupriya Saini

Assistant Professor

Deptt. Of Computer Science

Submitted By:

Vaishali

(20672225412)

Gurnaj Kaur

(20672225413)

POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE

GURU NANAK DEV UNIVERSITY, AMRITSAR

ACKNOWLEDGEMENT

With deep sense of gratitude We express our sincere thanks and obligation to our esteemed guide Mrs. Bhanupriya Saini (Assistant Professor). It is because of his able and mature guidance and co-operation without which it would not have been possible for us to complete our project. We would also like to thank Dr. Deepak Jyoti, HOD, Post Graduate Deptt. of Computer Science , Shanti Devi Arya Mahila College, Dinanagar for providing the institute with an environment where one can use her intellect and creativity to develop something fruitful and also for allowing us the opportunity to experience dynamic professional environment during my Training. This environment facilitated me in pursuing this project. It is my pleasant duty to thank all the staff members of the Computer Department for their time to time suggestions. Finally, We would like to thank the almighty and our parents for their moral support and our friends with whom We shared our day- to-day experience and received lots of suggestions that improved our quality of work.

Vaishali
(20672225412)

Gurnaj Kaur
(20672225413)

CERTIFICATE OF APPROVAL

This is certify that the project report entitled **OLD AGE HOME MANAGEMENT SYSTEM** submitted to Shanti Devi Arya Mahila College, Dinanagar in partial fulfillment of the requirement for the award of Degree of M.Sc (CS) , is an authentic and original work carried out by Vaishali (20672225412) Gurnaj Kaur (20672225413) under our guidance and supervision. The Post Graduate deptt. of Computer Science has accepted the report as the fulfillment of the requirements for the Degree of Master of Computer Science. No part of this report has been submitted to any other College/University for the reward of any Degree to the best of our knowledge.

Mrs. Bhanupriya Saini

**Assistant Professor (Comp Sc.)
(Project Supervisor)
Shanti Devi Mahila College
Dinanagar**

Dr. Deepak Jyoti

**HOD, PG Department of Computer
Science
Shanti Devi Arya Mahila College,
Dinanagar**

DECLARATION

We hereby declare that this project report on “ **OLD AGE HOME MANAGEMENT SYSTEM** which is being submitted in partial fulfillment of the Training Programme of M.Sc (CS) to Shanti Devi Arya Mahila College, Dinanagar is the result of the work carried out by us, under the guidance of Mrs. Bhanupriya Saini (Assistant Professor). Shanti Devi Arya College, Dinanagar.

Vaishali

20672225412

Gurnaj Kaur

20672225413

Index

S no.	Topic
1	Abstract
2	Introduction
3	Objective
4	Purpose
5	Scope
6	Requirement Specification
7	Analysis and Design(Use case, ER, Class Diagram and DFDs)
8	Database Design
9	Design Implementation and Results
10	Conclusion
11	Bibliography

Abstract

The last century has witnessed a rapid increase in the population of the elderly people in developed and industrialized countries. This phenomenon is not restricted to the western world only, but many countries such as ours are now feeling the impact of this transaction. This situation leads to the uncared for elderly people which require extra care and which can be fulfilled by a good environment. So, this web application provides interaction between elderly people and good home shelter (old age home).

Introduction

“Old Age Home Management System” is web application which provide the end-to-end smart web application for the old age people and old age home. This application is helpful for old age home for keeping records of senior citizen who live in the old age home. Each elderly people assign a registration number through which person detail find so easily.

Objective

The objective of “Old Age Home Management System” is to allow the administrator of old age home to edit and find out the personal details of an old people. It will also facilitate keeping all the record of old people, such as their registration number, name, mailing address, phone number etc. So all the information about them will be available in a few seconds.

Overall, it will make old people information management an easier job for the administrator and service of the old age home.

The main purpose of this web application is to illustrate the requirement of old age home and is intended to help the organization to maintain and the manage the data of old people.

Purpose

The purpose of developing “Old Age Home Management System” is to computerized the tradition way of recording data of old people in old age home and to generate the report automatically.

Scope

Without an Old Age Home Management System managing and maintaining the details of old people is a tedious job for any old age home. Old Age Home Management System will store all the details of old people and also this project is developed as a web application and it will work over web.

Old Age Home Management System

In this project we use PHP and MySQL database. It has two modules admin and user.

Admin Module

1. **Dashboard:** In this section admin can see all detail in brief like total number of services, Total number of senior citizen , total number of unread enquiry received and total number of unread enquiry.
2. **Pages:** In this section admin can manage about us, contact us pages, rules and eligibility.
3. **Services:** In this section admin can manage services(add/update/delete).
4. **SC(Senior Citizen)Details:** In this section admin can manage the detail of senior citizen(add/update/delete) who lived in old age home.
5. **Enquiry:** In this section admin can read new enquiry(unread enquiry) and view read enquiry(read enquiry).
6. **Search:** In this section admin can search senior citizen details with the help of his/her registration number.
7. **Reports:** In this section admin can view senior citizen details in particular periods.

Admin can also update his profile, change password and recover password.

User Module

In OAHMS user have do following activities.

Home Page: User can visit the home page and view some details of rules, eligibility and about us information.

Services: User views the services which offer by old age home.

Eligibility: User views the eligibility criteria for old age home.

Rules: User views the rules for old age home.

About Us: User sees the detail of old age home.

Contact Us: User can contact with old age home.

Requirement Specification

Hardware Configuration :

Client Side:

RAM	512 MB
Hard disk	10 GB
Processor	1.0 GHz

Server side:

RAM	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Client Side:

Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Server Side:

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MYSQL
Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server ("httpd") was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

PHP

- ✓ PHP stands for PHP: Hypertext Preprocessor.
- ✓ PHP is a server-side scripting language, like ASP.
- ✓ PHP scripts are executed on the server.
- ✓ PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- ✓ PHP is an open source software .
- ✓ PHP is free to download and use.

MYSQL

- ✓ MYSQL is a database server
- ✓ MYSQL is ideal for both small and large applications
- ✓ MYSQL supports standard SQL
- ✓ MYSQL compiles on a number of platforms
- ✓ MYSQL is free to download and use
- ✓ How to access MySQL:

<http://localhost/phpmyadmin>

Analysis and Design

Analysis:

In present all work done on the paper. The whole details is stored in the registers.

We can't generate reports as per our requirements because its take more time to make report of old people.

Disadvantage of present system:

- **Not user friendly:** The present system not user friendly because data is not stored in structure and proper format.
- **Manual Control:** All report calculation is done manually so there is a chance of error.
- **Lots of paper work:** Attendance maintain in the register so lots of paper require storing attendance.
- **Time consuming**

Design Introduction:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

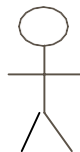
The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data.

UML Diagrams:

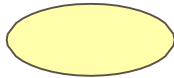
Actor:

A coherent set of roles that users of use cases play when interacting with the use cases.



Use case:

A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.



UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

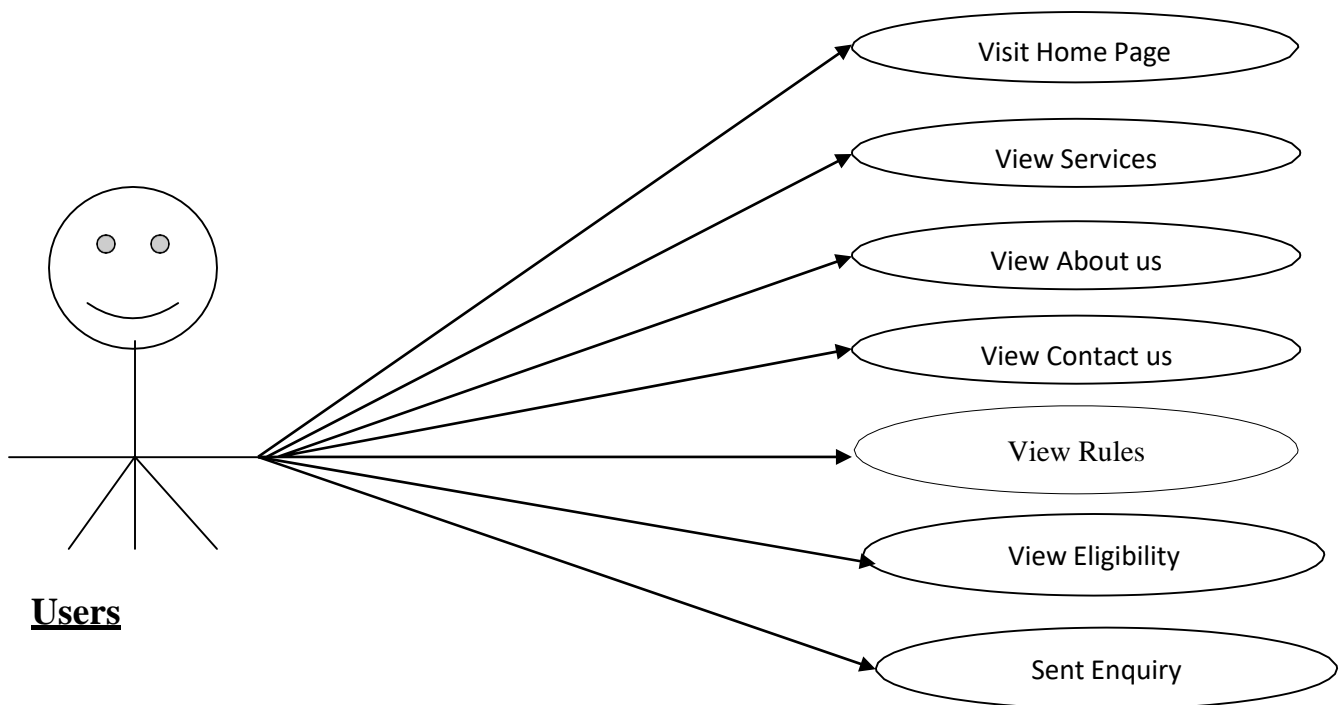
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

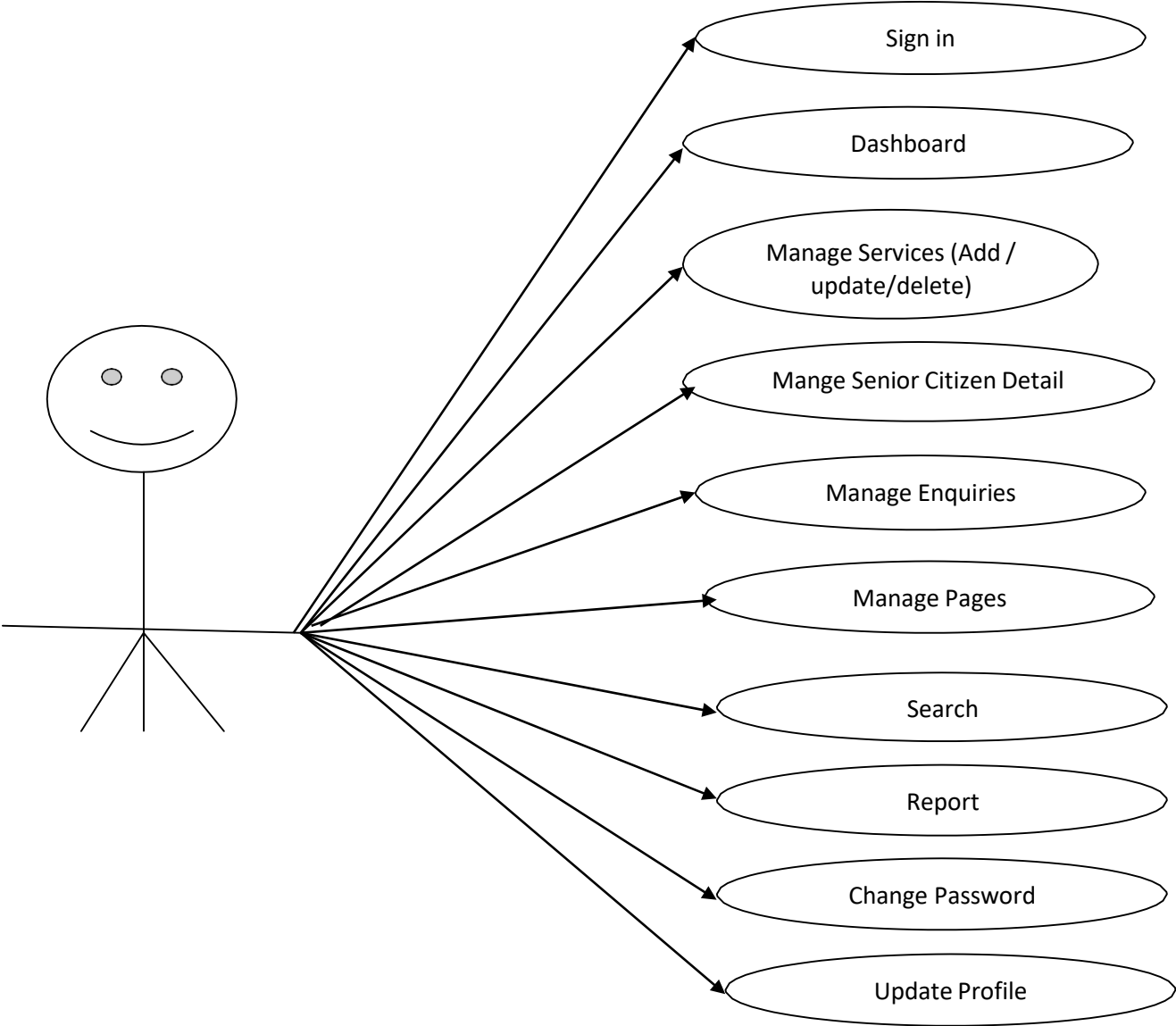
USECASE DIAGRAM:

A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.

User Use Case Diagram



Admin use case diagram



Class Diagram:

A description of set of objects that share the same attributes operations, relationships, and semantics.

tblseniorcitizen	
ID	INT(5)
RegistrationNumber	INT(10)
Name	VARCHAR(250)
DateofBirth	DATE
ContactNumber	BIGINT(10)
CommunicationAddress	MEDIUMTEXT
ProfilePic	VARCHAR(250)
EmergencyAddress	MEDIUMTEXT
EmergencyContactnumber	BIGINT(10)
AddedBy	VARCHAR(100)
RegitrationDate	TIMESTAMP
Indexes	

tblpage	
ID	INT(10)
PageType	VARCHAR(200)
PageTitle	MEDIUMTEXT
PageDescription	MEDIUMTEXT
Email	VARCHAR(200)
MobileNumber	BIGINT(10)
UpdationDate	DATE
Timing	VARCHAR(200)
Indexes	

tblservices	
ID	INT(5)
ServiceTitle	VARCHAR(250)
ServiceDescription	MEDIUMTEXT
CreationDate	TIMESTAMP
Indexes	

tblcontact	
ID	INT(10)
FirstName	VARCHAR(200)
LastName	VARCHAR(200)
Email	VARCHAR(200)
Phone	BIGINT(10)
Message	MEDIUMTEXT
EnquiryDate	TIMESTAMP
IsRead	INT(5)
Indexes	

tbladmin	
ID	INT(10)
AdminName	VARCHAR(120)
UserName	VARCHAR(120)
MobileNumber	BIGINT(10)
Email	VARCHAR(120)
Password	VARCHAR(120)
AdminRegdate	TIMESTAMP
Indexes	

ER Diagram:

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

ER Notation

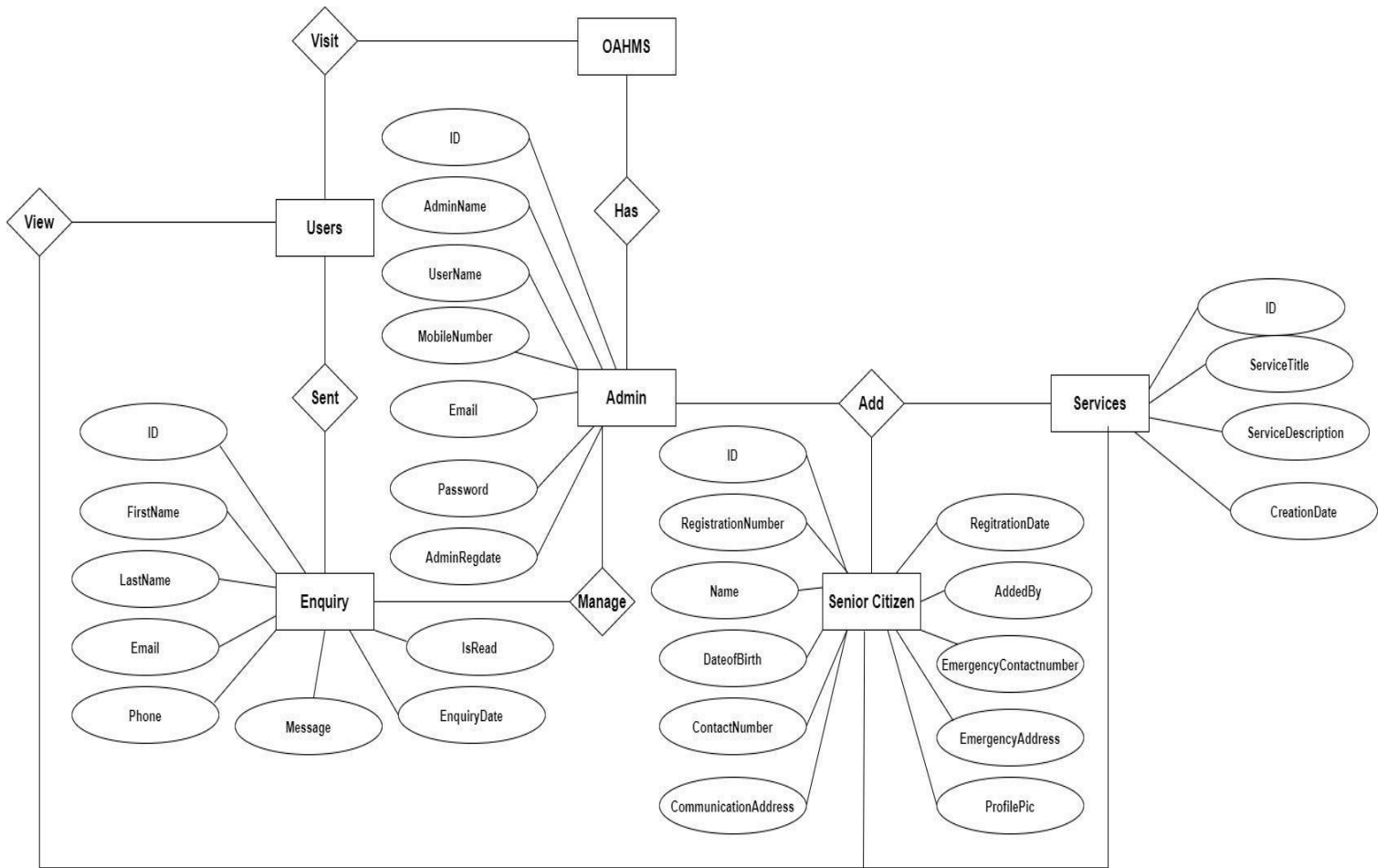
There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the

cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

- **Entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- **Relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs
- **Attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **Cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.

Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.



Data Flow diagram

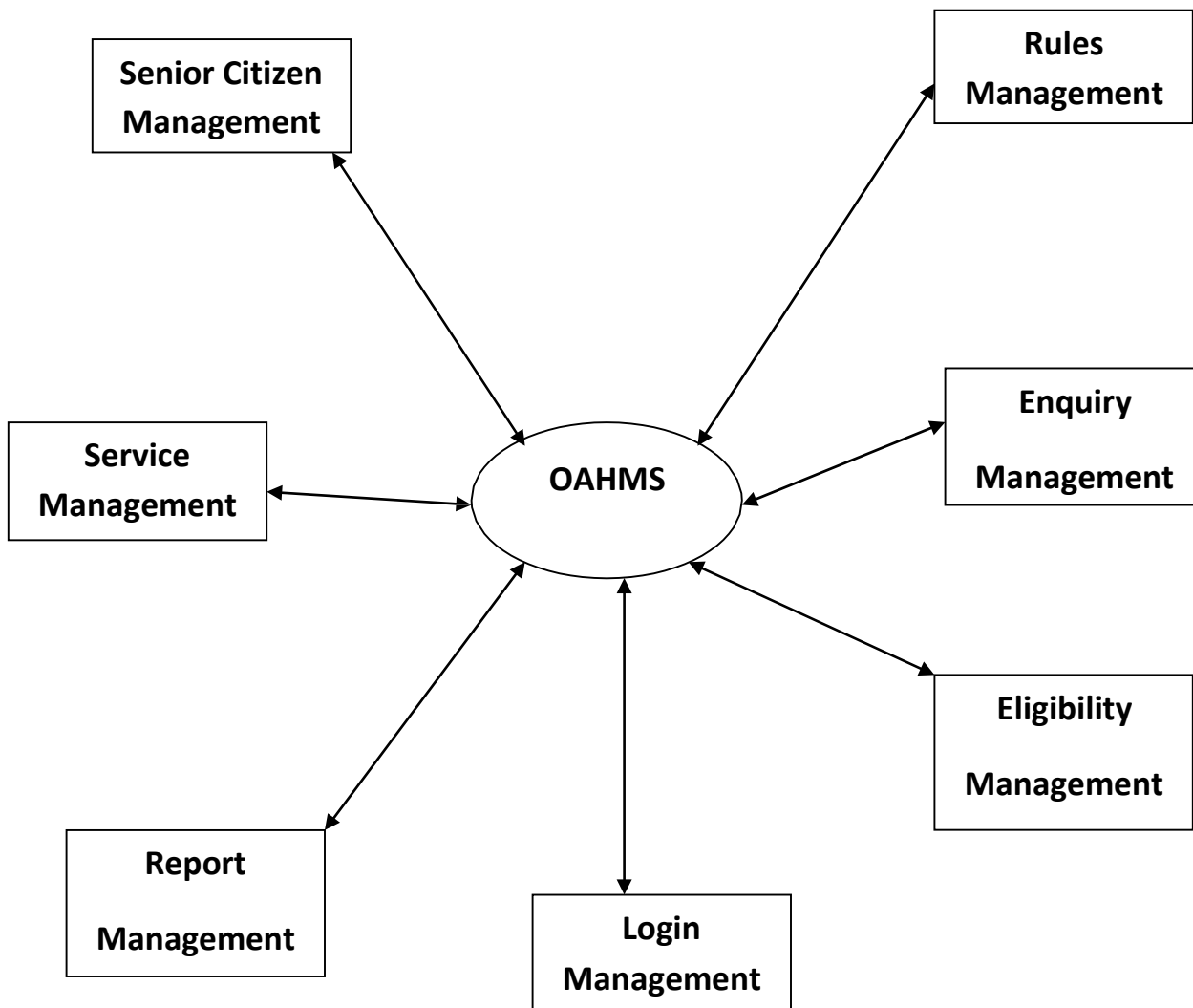
DFD graphically representing the functions, or processes, which capture, manipulate, store, and distribute data between a system and its environment and

between components of a system. The visual representation makes it a good communication tool between User and System designer. Structure of DFD allows starting from a broad overview and expand it to a hierarchy of detailed diagrams.

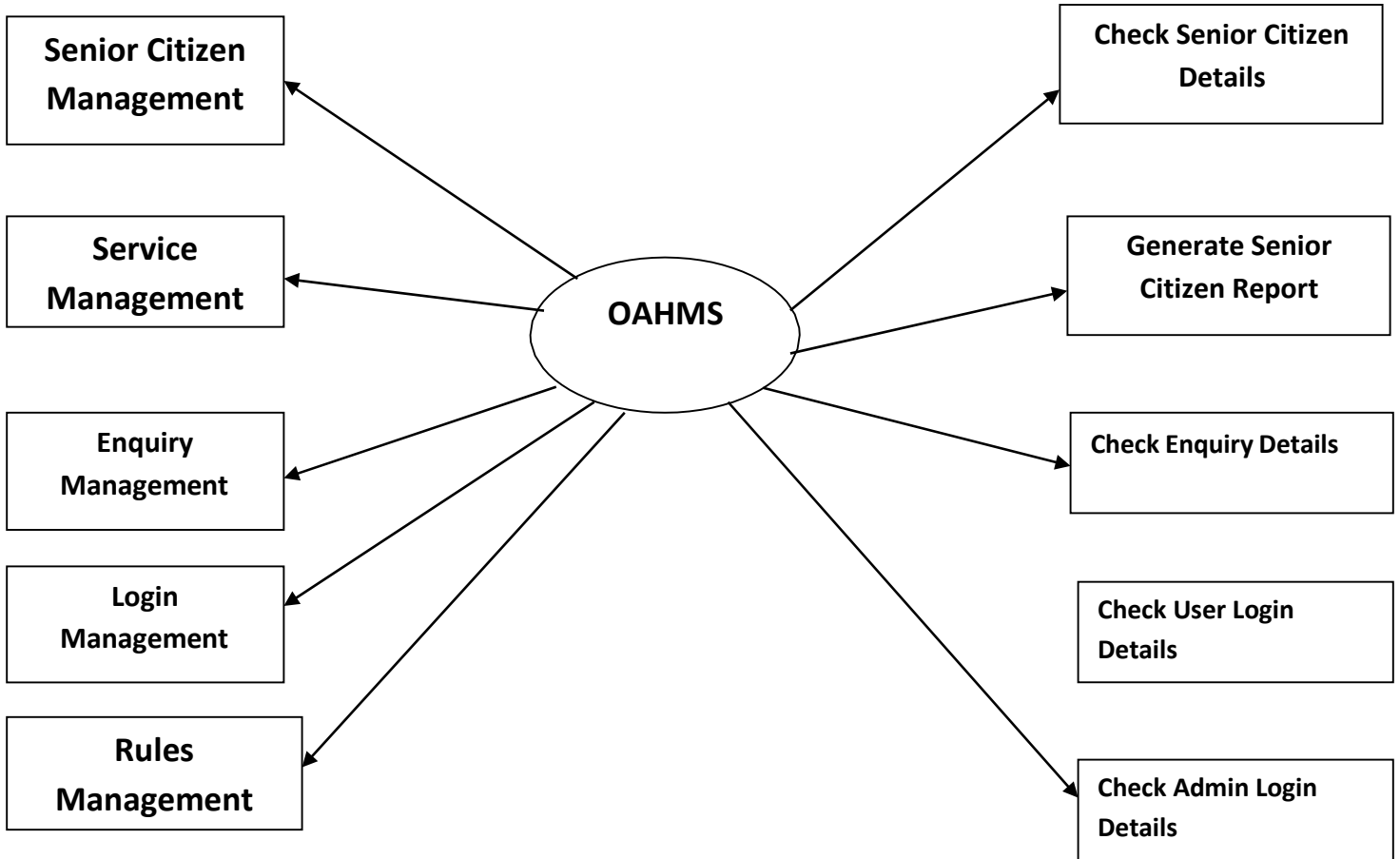
DFD has often been used due to the following reasons:

- Logical information flow of the system
- Determination of physical system construction requirements
- Simplicity of notation
- Establishment of manual and automated systems requirements

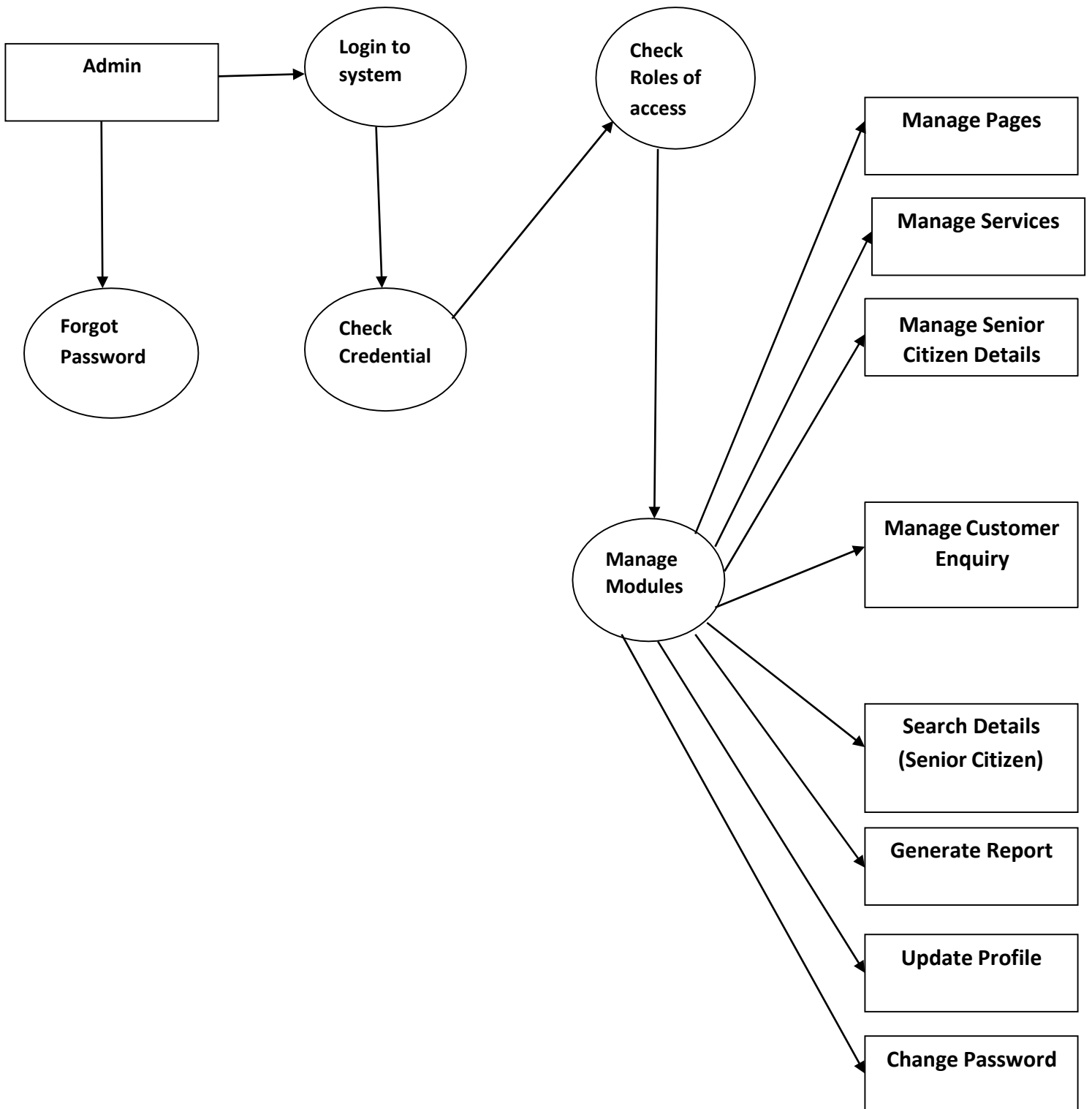
Zero Level DFD



First Level DFD



Second Level DFD



Database Design


The data in the system has to be stored and retrieved from database. Designing the database is part of system design. Data elements and data structures to be stored have been identified at analysis stage. They are structured and put together to design the data storage and retrieval system.

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make database access easy, quick, inexpensive and flexible for the user. Relationships are established between the data items and unnecessary data items are removed. Normalization is done to get an internal consistency of data and to have minimum redundancy and maximum stability. This ensures minimizing data storage required, minimizing chances of data inconsistencies and optimizing for updates. The MySQL database has been chosen for developing the relevant databases.


Old Age Home Management System (oahmsdb) contains 5 MySQL tables :

- tbladmin
- tblcontact
- tblpage
- tblseniorcitizen
- tblservices


tbladmin: This tables stores admin login details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	UserName	varchar(120)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	Password	varchar(120)	latin1_swedish_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		


tblcontact : This table stores user enquiry details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	FirstName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	LastName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
4	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
5	Phone	bigint(10)			Yes	NULL		
6	Message	mediumtext	utf8mb4_general_ci		Yes	NULL		
7	EnquiryDate	timestamp			No	current_timestamp()		
8	IsRead	int(5)			Yes	NULL		


tblpackages: This stores package details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(5)			No	None		AUTO_INCREMENT
2	PackageName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	PackageDec	varchar(250)	latin1_swedish_ci		Yes	NULL		
4	PackageDuration	varchar(120)	latin1_swedish_ci		Yes	NULL		
5	PackagePrice	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	PackageDate	timestamp			Yes	CURRENT_TIMESTAMP		


tblpage: This table stores page information.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	PageType	varchar(200)	latin1_swedish_ci		Yes	NULL		
3	PageTitle	mediumtext	latin1_swedish_ci		Yes	NULL		
4	PageDescription	mediumtext	latin1_swedish_ci		Yes	NULL		
5	Email	varchar(200)	latin1_swedish_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	UpdationDate	date			Yes	NULL		
8	Timing	varchar(200)	latin1_swedish_ci		No	None		

tblseniorcitizen: This table store detail of old people who lives in old age home.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(5)			No	None		AUTO_INCREMENT
2	RegistrationNumber	int(10)			Yes	NULL		
3	Name	varchar(250)	latin1_swedish_ci		Yes	NULL		
4	DateofBirth	date			Yes	NULL		
5	ContactNumber	bigint(10)			Yes	NULL		
6	CommunicationAddress	mediumtext	latin1_swedish_ci		Yes	NULL		
7	ProfilePic	varchar(250)	latin1_swedish_ci		Yes	NULL		
8	EmergencyAddress	mediumtext	latin1_swedish_ci		Yes	NULL		
9	EmergencyContactnumber	bigint(10)			Yes	NULL		
10	AddedBy	varchar(100)	latin1_swedish_ci		Yes	NULL		
11	RegitrationDate	timestamp			Yes	current_timestamp()		

tblservices: This table store details of services which is provided by old age home.

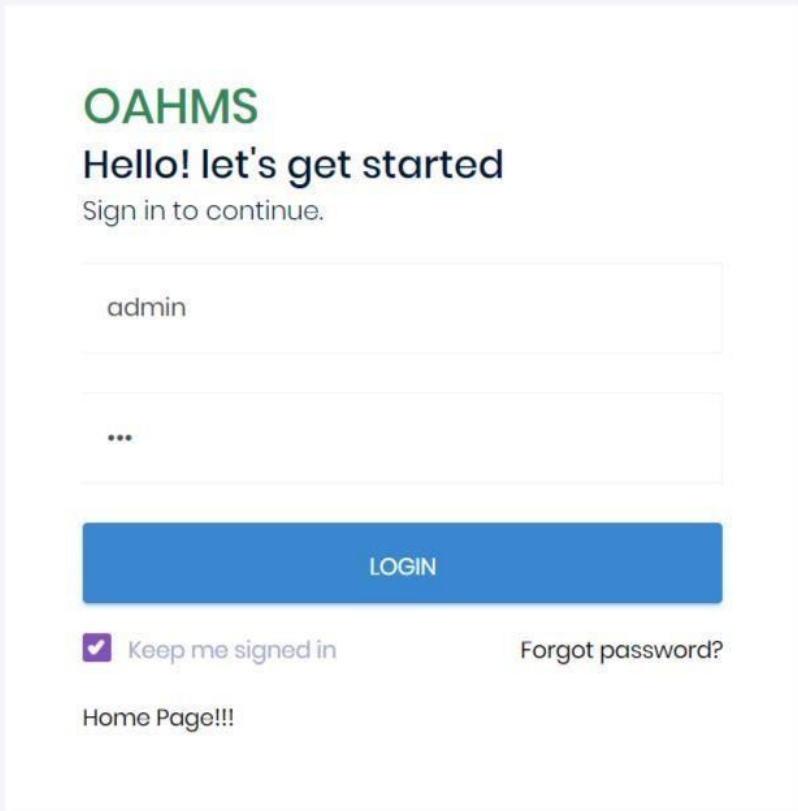
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(5)			No	None		AUTO_INCREMENT
2	ServiceTitle	varchar(250)	latin1_swedish_ci		Yes	NULL		
3	ServiceDescription	mediumtext	latin1_swedish_ci		Yes	NULL		
4	CreationDate	timestamp			Yes	current_timestamp()		

Design Implementation and Results

Design implementation refers to the real live running of the designed program. This section consists of the program modules, showing what they do, and how the system can be deployed.

Admin Module

Admin Login



OAHMS
Hello! let's get started
Sign in to continue.

admin

...

LOGIN

Keep me signed in [Forgot password?](#)

[Home Page!!!](#)

Dashboard

OAHMS Admin (Time: 11:22:56)

Dashboard Home > Main Dashboard

- Dashboard
- Pages +
- Services +
- SC Details +
- Enquiry +
- Reports +
- Search

Total Services 4 More info	Senior Citizen 3 More info
Unread Enquiry 0 More info	Read Enquiry 3 More info

Profile

OAHMS Admin (Time: 08:36:16)

Dashboard

Pages +

Services +

SC Details +

Enquiry +

Reports +

Search

Profile Of Admin

Update your information!!!

Admin Name


User Name


Contact Number

Email address

Registration Date

Change Password

OAHMS 

 Admin (Time: 11:24:24)

- Dashboard
- Pages +
- Services +
- SC Details +
- Enquiry +
- Reports +
- Search

Change Password


Update your password!!!


Current Password

Now Password

Confirm Password

About Us Page

OAHMS 

 Admin (Time: 11:25:00)

- Dashboard
- Pages +
 - About Us
 - Contact Us
 - Rules
 - Eligibility
- Services +
- SC Details +
- Enquiry +
- Reports +
- Search

About Us

Update about us of website!!!

Page Title

Page Description

Old Age Home Management System!!

We care of our elders. That is why we are here to help you and your loved ones facing difficulty in going about their daily routines. The elderly of the house need constant attention and care post-surgery or during the recuperating period. You cannot stay by their side every day, and there is nowhere else they would rather be than in the comforts of their home.

Contact Us Page

OAHMS ☰

Admin (Time: 11:26:12)

- Dashboard
- Pages +
 - About Us
 - Contact Us
 - Rules
 - Eligibility
- Services +
- SC Details +
- Enquiry +
- Reports +
- Search

Contact Us

Update contact us of website!!!

Page Title

Page Description

B / U / / Font Size / Font Family / Font Format /

890,Sector 62, Gyan Sarovar, GAIL Noida(Delhi/NCR)

Email Address

Mobile Number

Update

Rules

OAHMS ☰

Admin (Time: 11:26:39)

- Dashboard
- Pages +
 - About Us
 - Contact Us
 - Rules
 - Eligibility
- Services +
- SC Details +
- Enquiry +
- Reports +
- Search

Rules

Update Rules!!!

Page Title

Page Description

B / U / / Font Size / Font Family / Font Format /

- Firearms and weapons are not allowed in premises.
- Keeping pets are not allowed in premises
- Non Vegetarian Food is Prohibited
- All residents shall maintain discipline and ensure that other residents are not disturbed by their any act.
- our minimum lock in period is six month and after six month if discharge require than minimum two month notice require for refund of security.

Rules for Visitors

- Visiting hours for the guest will be from 10am to 6pm , Only identified guests are allowed inside the home.
- Guests are not allowed to stay overnight in their resident's without the permission from the management.

In case of Emergency / Mishappening

In case of any mishappening or any emergency situation with any resident, the management shall take steps to intimate the relatives/ next of kin immediately. We will also take the necessary steps as per the protocol to control the situation in safe and respected manner.

Update

Eligibility

OAHMS Admin (Time: 1:29:44)

Dashboard

Pages +

- About Us
- Contact Us
- Rules
- Eligibility

Services +

SC Details +

Enquiry +

Reports +

Search

Eligibility

Update Eligibility!!!

Page Title

Eligibility

Page Description

• Minimum Age Required is 50 years.
• Person should not be suffering from any infectious disease.
• The Person should be free from addiction of any kind.

Submit

Add Services

OAHMS Admin (Time: 1:30:18)

Dashboard

Pages +

Services +

- Add Services
- Manage Services

SC Details +

Enquiry +

Reports +

Search

Add Services

Add services of old age home!!!

Service Title

Service Description

Submit

Copyright © Old Age Home Management System 2022

Manage Services

OAHS Admin (Time: 08:37:42)

Manage Services

Home > Manage Services

Manage services in old age home!!!

#	Service Title	Creation Date	Actions
1	Security Facilities	2024-03-02 08:25:03	Edit Delete
2	Medical Facilities	2024-03-02 08:25:03	Edit Delete
3	House Keeping Facilities	2024-03-03 08:25:03	Edit Delete
4	Optional Facilities	2024-03-02 08:25:34	Edit Delete

Update Services

OAHS Admin (Time: 11:32:07)

Update Services

Update services of old age home!!!

Service Title

Service Description

Safety and security is an important responsibility of management, Old Age Home Delhi is well equipped with all safety and security features to provide safe and secure environment to the residents.

- Emergency Alarm System.
- 24*7 well trained security Guard.
- CCTV Coverage of entire Building.
- Fire Alarm System & Fire Extinguisher Available
- Emergency Buton in all Rooms and Washrooms.
- Intercom Facility
- Railings available in whole building for support.

[Submit](#)

Add Senior Citizen Details

OAHS ☰ Admin (Time: 11:32:38)

- Dashboard
- Pages +
- Services +
- SC Details +
 - Add Details
 - Manage Details
- Enquiry +
- Reports +
- Search

Add Senior Citizen

Add Senior Citizen Details!!!

Name of Senior Citizen

Date of Birth

Contact Number

Communication Address

Font Size: Font Family: Font Format:

Profile Pic

Choose File no file chosen

Emergency Address

Font Size: Font Family: Font Format:

Emergency Contact Number

Submit

Manage Senior Citizen Details

OAHS ☰ Admin (Time: 08:39:39)

Manage Senior Citizen Details [Home](#) > [Manage Senior Citizen Details](#)

- Dashboard
- Pages +
- Services +
- SC Details +
 - Add Details
 - Manage Details
- Enquiry +
- Reports +
- Search

Manage Senior Citizen Details

Manage Senior Citizen Details in old age home!!!

#	Registration Number	Name	Contact Number	Date of Birth	Added By	Registration Date	Actions
1	488502765	Raghu Nath	8978979878	1956-06-13	admin	2024-03-02 08:25:34	Edit Delete
2	588502746	Mr.Kailash	7978798789	1961-11-09	admin	2024-03-02 08:25:34	Edit Delete
3	388502761	Mr. Harish Sharma	7897979789	1966-01-05	admin	2024-03-02 08:25:34	Edit Delete
4	759722058	Anuj Kumar	142536485	1969-12-30	admin	2024-02-02 08:25:00	Edit Delete
5	695106565	Mohinder Singh	9815517625	1968-07-26	admin	2024-03-24 13:31:06	Edit Delete

Update Senior Citizen Details

OAHSMS ☰

Admin (Time: 08:42:04)

Update Senior Citizen Details

Update Senior Citizen Details of old age home!!!

Name of Senior Citizen

Date of Birth


Contact Number

Communication Address

B / I / U / L / A / S / T / Font Size... / Font Family... / Font Format... / [Icons]

Mugraia road dinanagar

Profile Pic



[Change Image](#)

Unread Enquiry

OAHSMS ☰

Admin (Time: 08:44:42)

Unread Enquiry

Home > Unread Enquiry

Unread Enquiry

Enquiry has been received!!!

S.No	Name	Email	Enquiry Date	Action
1	rajat thakur	rajat@gmail.com	2024-04-10 20:44:22	View

Read Enquires

OA H M S ☰

Admin (Time: 08:46:07)

Read Enquiry [Home](#) > [Read Enquiry](#)

Dashboard
Pages +
Services +
SC Details +
Enquiry +
 • Unread Enquiry
 • Read Enquiry
Reports +
Search

Read Enquiry

Enquiry has been read!!!

S.No	Name	Email	Enquiry Date	Action
1	vaishali salaria	tvaishali@gmail.com	2024-03-12 10:07:38	View
2	gurnaj kaur	tvaishali@gmail.com	2024-03-12 10:29:00	View
3	Prerna devi	prerna@i23@gmail.com	2024-03-16 10:26:11	View
4	govind jaggi	govind@gmail.com	2024-03-24 13:36:18	View

View Enquiry

OA H M S ☰

Admin (Time: 11:38:56)

View Enquiry [Home](#) > [View Enquiry](#)

Dashboard
Pages +
Services +
SC Details +
Enquiry +
Reports +
Search

View Enquiry

Enquiry has been read!!!

[View Enquiry](#)

Name	Manu Sharma	Email	manu@gmail.com	Contact Number	9879879879
Message	Tell me fee of play school				

Between Dates Report

The screenshot shows the OAHS Reports page. On the left is a sidebar with navigation options: Dashboard, Pages, Services, SC Details, Enquiry, Reports (selected), B/W dates Report, and Search. The main content area is titled 'Reports' and contains a form for generating a 'Between Dates Report of Senoir Citizen Registration'. The form has two date input fields: 'From Dates' and 'To Dates', both with a placeholder 'dd-mm-yyyy'. A 'Submit' button is located below the fields. The top right corner shows the user 'Admin (Time: 11:40:46)'.

Between Dates Report Details

The screenshot shows the OAHS Reports page with the 'Report of Senior Citizen Registration' details. The top navigation bar includes 'OAHS' and 'Admin (Time: 08:49:57)'. A teal banner displays 'Report of Senior Citizen Registration' with a breadcrumb 'Home > Report of Senior Citizen Registration'. The main content area is titled 'Between Dates Report Of Senoir Citizen Registration From 01-03-2024 To 04-04-2024'. Below this is a table with the following data:

#	Registration Number	Name	Contact Number	Date of Birth	Added By	Registration Date	Actions
1	488502765	Raghu Nath	8978979878	1956-06-13	admin	2024-03-02 08:25:34	Edit Delete
2	588502746	Mr.Kailash	7978798789	1961-11-09	admin	2024-03-02 08:25:34	Edit Delete
3	388502761	Mr. Harish Sharma	7897979789	1966-01-05	admin	2024-03-02 08:25:34	Edit Delete
4	695106565	Mohinder Singh	9815517625	1968-07-26	admin	2024-03-24 13:31:06	Edit Delete

The sidebar on the left contains the same navigation options as the previous screenshot. The bottom right corner features a purple circular icon.

Search

OAHMS ☰

Admin (Time: 08:51:23)

- Dashboard
- Pages +
- Services +
- SC Details +
- Enquiry +
- Reports +
- Search**

Search

Search Senior Citizen details by registration number

Search By Registration Number

Search

Result Against "488502765" Keyword

#	Registration Number	Name	Contact Number	Date of Birth	Added By	Registration Date	Actions
1	488502765	Raghu Nath	8978979878	1956-06-13	admin	2024-03-02 08:25:34	Edit Delete

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Forgot Password

OAHMS

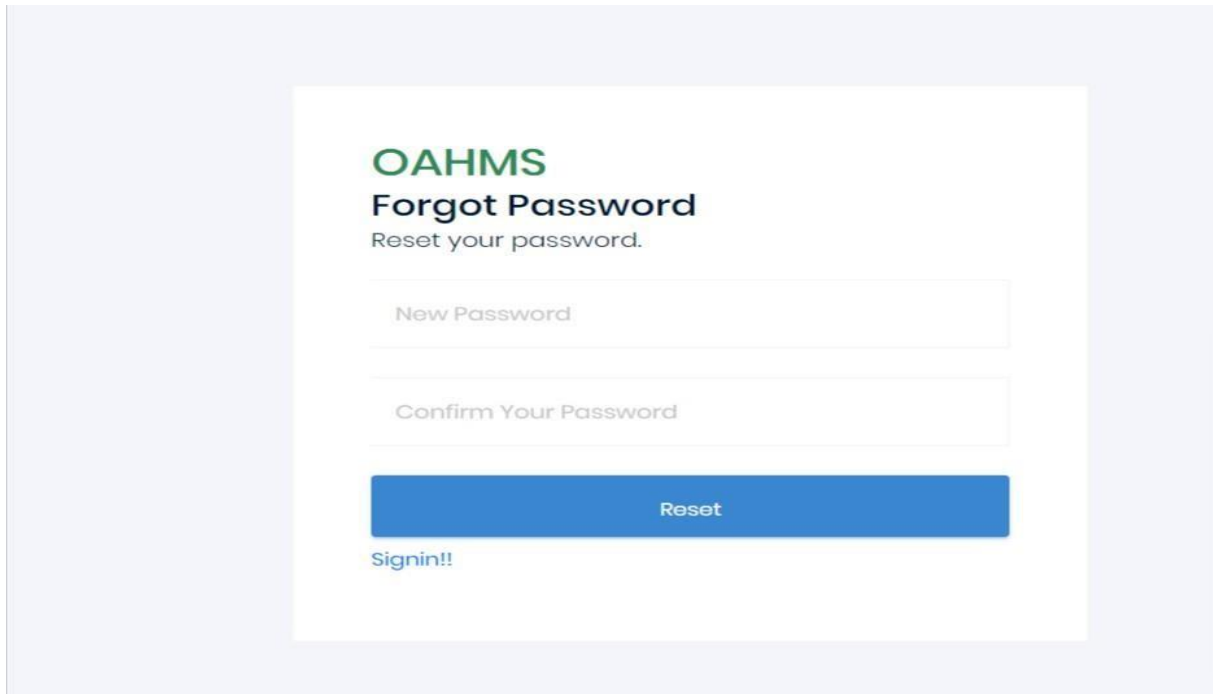
Forgot Password

Reset your password.

Reset

[Signin!!](#)

Reset Password



The image shows a web form for resetting a password. It features a light blue background with a white central card. The card contains the OAHMS logo in green, the title 'Forgot Password', and the instruction 'Reset your password.'. There are two input fields: 'New Password' and 'Confirm Your Password'. A blue 'Reset' button is positioned below the fields. At the bottom left of the card, there is a 'Signin!!' link.

OAHMS
Forgot Password
Reset your password.

New Password

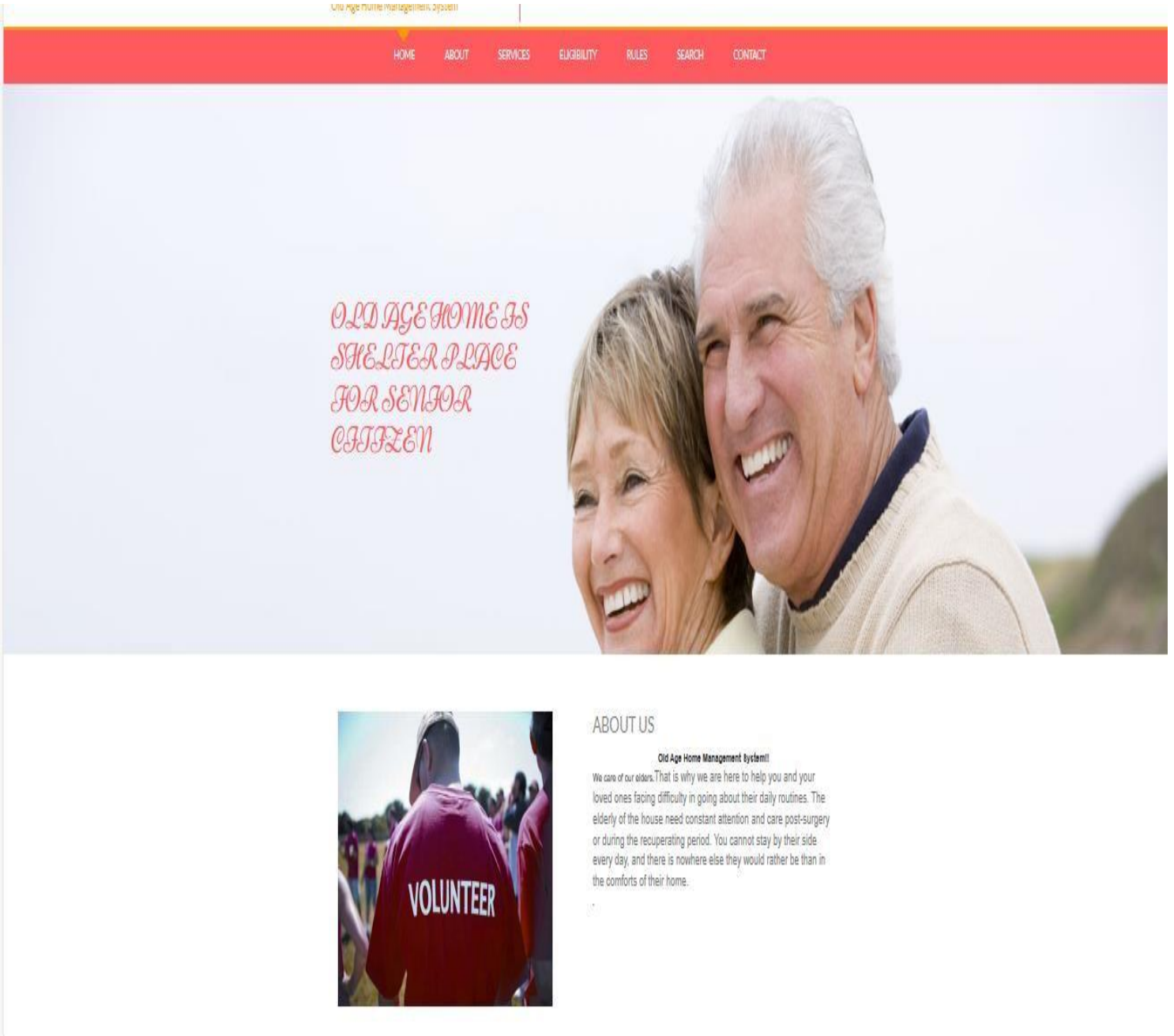
Confirm Your Password

Reset


[Signin!!](#)

User Module


Home Page



About us




- ADMIN
- CONTACT
- ELIGIBILITY
- RULES
- SEARCH



HOME ABOUT SERVICES ELIGIBILITY RULES SEARCH CONTACT

ABOUT US



Old Age Home Management System!
We care of our elders. That is why we are here to help you and your loved ones facing difficulty in going about their daily routines. The elderly of the house need constant attention and care post-surgery or during the recuperating period. You cannot stay by their side every day, and there is nowhere else they would rather be than in the comforts of their home.

Our Address

- 🏠 GUntapur
- ✉ info@gmail.com
- 📞 886908886

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Services



Old Age Home Management System

ADMIN
CONTACT
ELIGIBILITY
RATES
SEARCH



HOME ABOUT SERVICES ELIGIBILITY RATES SEARCH CONTACT

SERVICES



SECURITY FACILITIES

Safety and security is an important responsibility of management. Old Age Home is well equipped with all safety and security features to provide safe and secure environment to the residents.

- Emergency Alarm System
- 24-7 well trained security Guard
- CCTV Coverage of entire Building
- Fire Alarm System & Fire Extinguisher Available
- Emergency Buttons in all rooms and hallways
- Intercom Facility
- Parking available in whole building for support.



MEDICAL FACILITIES

Depending on the level of care required, our compassionate and caring staff provides around-the-clock personal care, assist with medical needs, health and exercise and also facilitates strong social connections. Our healthcare center is well stocked with medicines and equipment. Immediate First Aid for most emergencies. Old Age Home provides the basic medical needs to the residents.

- 24-7 Ambulance Facility
- Nurses available
- Doctors available
- Emergency care equipment available
- Physiotherapy & Personal Care facilities
- Wheel Chair Available
- Dentist Consultation
- There will need to visit specialty hospital.
- House Hospice
- Neurology



HOUSE KEEPING FACILITIES

We have professionally trained, courteous housekeeping staff experienced in elderly care keeping rather than just housekeeping. They are responsible for maintaining cleanliness of all living units as well as the common areas and to set the highest standard of hygiene and sanitation of the facility.



OPTIONAL FACILITIES


Keeping in mind that some senior citizens require some unique and extra personal care, Old Age Home Care offers optional facilities at an extra cost -

- Personal Assistant
- Guest Room
- 24x7 Calling
- Only need Physiotherapy
- Toilet Use Assistance
- On call Care

Our Address





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Eligibility



Old Age Home Management System

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ELIGIBILITY

- Minimum Age Required is 50 years.
- Person should not be suffering from any infectious disease.
- The Person should be free from addiction of any kind.

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 GUrdsapur
 info@gmail.com
 8889998889

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Old Age Home Management System @2024

Rules



Old Age Home Management System

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RULES

- Firearms and weapons are not allowed in premises.
- Keeping pets are not allowed in premises.
- Non Vegetarian Food is Prohibited
- All residents shall maintain discipline and ensure that other residents are not disturbed by their any act.
- our minimum lock in period is six month and after six month if discharge require than minimum two month notice require for refund of security.




Rules for Visitors

- Visiting hours for the guest will be from 10am to 5pm. Only identified guests are allowed inside the home.
- Guests are not allowed to stay overnight in their residence without the permission from the management.




IN CASE OF EMERGENCY / MISHAPPENING

In case of any mishappening or any emergency situation with any resident, the management shall take steps to intimate the relatives' next of kin immediately. We will also take the necessary steps as per the protocol to control the situation in safe and respected manner.

Our Address

 GUrdsapur
 info@gmail.com
 8889998889

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ADMIN
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SEARCH



HOME

ABOUT

SERVICES

ELIGIBILITY

RULES

SEARCH

CONTACT

CONTACT US

First Name

Last Name

Contact Number

E-MAIL

Message

SUBMIT

Search

The screenshot shows a web application interface for the "Old Age Home Management System". At the top left is a logo of a house with people inside, with the text "Old Age Home Management System" below it. To the right of the logo is a vertical menu with links: ADMIN, CONTACT, ELIGIBILITY, RULES, and SEARCH. Further right are four social media icons: Facebook, Instagram, Twitter, and YouTube. Below this is a horizontal navigation bar with links: HOME, ABOUT, SERVICES, ELIGIBILITY, RULES, SEARCH, and CONTACT. The main content area features a large heading "SEARCH SENIOR CITIZEN DETAILS BY REGSITRATION NUMBER" (note the typo in "REGSITRATION"). Below the heading is a search form with the label "Search By Registration Number", a text input field, and a "Search" button. The footer is divided into two columns: "Our Address" and "Follow us here". "Our Address" includes icons for location (GUrdsapur), email (info@gmail.com), and phone (8888888888). "Follow us here" includes icons for Facebook, Twitter, and LinkedIn. At the bottom center, it says "Old Age Home Management System @2024".

Old Age Home Management System

ADMIN
CONTACT
ELIGIBILITY
RULES
SEARCH

HOME ABOUT SERVICES ELIGIBILITY RULES SEARCH CONTACT

SEARCH SENIOR CITIZEN DETAILS BY REGSITRATION NUMBER

Search By Registration Number

Search

Our Address

GUrdsapur
info@gmail.com
8888888888

Follow us here

Facebook
Twitter
LinkedIn

Old Age Home Management System @2024

Conclusion

The application was designed in such a way that future modifications can be done easily. The following conclusion can be deduced from the development of the project.

- Automation of the entire system improves the efficiency.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

Bibliography

- ✓ www.w3schools.com
- ✓ [**php.net**](http://php.net)
- ✓ [*en.wikipedia.org/wiki/PHP*](http://en.wikipedia.org/wiki/PHP)
- ✓ [www.hotscripts.com/category/**php/**](http://www.hotscripts.com/category/php/)
- ✓ [www.**apache.org**](http://www.apache.org)
- ✓ [www.**mysql.com/click.php?e=35050**](http://www.mysql.com/click.php?e=35050)

PROJECT REPORT
ON
ONLINE EXAMINATION SYSTEM

Submitted in partial fulfillment of the requirements for the award of degree of

M.Sc (Computer Science)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

Mrs. Neha Saini

Assistant Professor

Deptt. Of Computer Science

Submitted By:

Diksha Sharma

(20672225414)

POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE
GURU NANAK DEV UNIVERSITY, AMRITSAR

Acknowledgement

With deep sense of gratitude I express our sincere thanks and obligation to my esteemed guide Mrs. Neha saini (Assistant Professor). It is because of her able and mature guidance and co-operation without which it would not have been possible for me to complete my project. I would also like to thank Dr. Deepak Jyoti, HOD, Post Graduate Deptt. of Computer Science, Shanti Devi Arya Mahila College, Dinanagar for providing the institute with an environment where one can use her intellect and creativity to develop something fruitful and also for allowing me the opportunity to experience dynamic professional environment during my Training. This environment facilitated me in pursuing this project. It is my pleasant duty to thank all the staff members of the Computer Department for their time to time suggestions. Finally, i would like to thank the almighty and my parents for their moral support and my friends with whom i shared our day-to-day experience and received lots of suggestions that improved my quality of work.

Diksha Sharma

20672225414

CERTIFICATE OF APPROVAL

This is certify that the project report entitled **Online Examination System** submitted to Shanti Devi Arya Mahila College, Dinanagar in partial fulfillment of the requirement for the award of Degree of M.Sc (Computer Science) , is an authentic and original work carried out by Diksha Sharma (20672225414) under our guidance and supervision. The Post Graduate deptt. of Computer Science has accepted the report as the fulfillment of the requirements for the Degree of Master of Computer Science. No part of this report has been submitted to any other College/University for the reward of any Degree to the best of our knowledge.

Mrs. Neha Saini

Assistant Professor (Computer Science)

(Project Supervisor)

Shanti Devi Arya Mahila College

Dinanagar

Dr.Deepak Jyoti

Head of Department

PG Department of Computer Science

Shanti Devi Arya Mahila College

Dinanagar

DECLARATION

I hereby declare that this project report on “ **Online Examination System**” which is being submitted in partial fulfillment of the Training Programme of M.Sc(Computer Science) to Shanti Devi Arya Mahila College, Dinanagar is the result of the work carried out by me, under the guidance of Mrs. Neha Saini (Assistant Professor), Shanti Devi Arya Mahila College , Dinanagar.

Diksha Sharma

20672225414

ONLINE EXAMINATION

INTRODUCTION :-

Online examinations are an important method of evaluating the success potential of students. This research effort the individuals under consideration were students who would be enrolling in computer courses or Technologies Registrations. A prototype of a web-based placement examination system is described from the standpoint of the research effort, end user, and software development.

An on-line educational system including exam processing and electronic journal features. An instructor builds a course based questions which on-line contain in identification of assignments. Which are compiled into an on-line exam syllabus?

Users enrolled in the platform may access the electronic details they provided and perform various functions with the on-line educational system in order to participate in the on-line examinations. Users can receive an on-line exam, having multimedia content, for the course, and they can electronically provide answers for the exam. And after Completion of their duration of exam they are provided the grade or marks secured in their examinations.

INDEX

<u>S.N</u>	<u>CONTENTS</u>
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2.	ANALYSIS
2.1	SYSTEM ANALYSIS
2.2	SYSTEM SPECIFICATIONS
3.	DESIGN APPROACH
3.1	INTRODUCTION TO DESIGN
3.2	UML DIAGRAMS
3.3	DATA FLOW DIAGRAMS
3.4	E-R DIAGRAMS
4.	PROJECT MODULES
5.	IMPLEMENTATION
4.1	CONCEPTS AND TECHNIQUES
4.2	TESTING
4.2.1	TEST CASES
6.	OUTPUT SCREENS
7.	CONCLUSION
8.	FUTURE ENHANCEMENTS
9.	BIBLIOGRAPHY

Introduction

ONLINE EXAMINATION

INTRODUCTION:

on-line examinations contents providers to focus on creating effective assessment questions and focusing on exam's feedback delivery to students. In the paper we present techniques that are pertinent to the elements of assessment process: answers submission, computerized grading, and feedback after submission.

As the modern organizations are automated and computers are working as per the instructions, it becomes essential for the coordination of human beings, commodity and computers in a modern organization.

The administrators ,instructor,Students who are attending for online examination can communicate with the system through this projects, thus facilitating effective implementation and monitoring of various activities of Online Examinations like conducting Exams as per scheduled basis and delivering result to that particular use or student.And the details of students who attempted Online Examination are maintained at administrator.

Analysis

ONLINE EXAMINATION

SYSTEM ANALYSIS:

1. Existing System

Existing system is a manual one in which users are maintaining books to store the information like Student Details, Instructor Details, Schedule Details and feedbacks about students who attempted exam as per schedule.. It is very difficult to maintain historical data.

DISADVANTAGES:

The following drawbacks of existing system emphasize the need for computerization:

1. A lot of copies of question papers have to be made
2. A lot of correction work hence delay in giving the results
3. A lot of tabulation work for each subject results

2. Proposed System

This application is used to conduct online examination. The students can sit at individual terminals and login to write the exam in the given duration. . The questions have to be given to the students. This application will perform correction, display the result immediately and also store it in database. This application provides the administrator with a facility to add new exams. This application provides the Instructor add questions to the exam, modify questions in the exam in a particular exam. This application takes care of authentication of the administrator, Instructor as well as the student.

ONLINE EXAMINATION

3. Objective of the System

The objective of the Online Examination Tool is to provide better information for the users of this system for better results for their maintenance in student examination schedule details and grading details.

System Specifications

Hardware Requirements:-

- Pentium-IV(Processor).
- 256 MB Ram
- 512 KB Cache Memory
- Hard disk 10 GB
- Microsoft Compatible 101 or more Key Board

Software Requirements: -

- **Operating System :** Windows
- **Web-Technology:** PHP
- **Front-End:** HTML,CSS,JAVASCRIPT
- **Back-End:** MySQL
- **Web Server:** Apache SERVER.

ONLINE EXAMINATION

Design

ONLINE EXAMINATION

INTRODUCTION:

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data.

ONLINE EXAMINATION

UML Diagrams:

Actor:

A coherent set of roles that users of use cases play when interacting with the use `cases.



Use case:

A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.



UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

There are various kinds of methods in software design:

They are as follows:

- Use case Diagram
- Sequence Diagram

ONLINE EXAMINATION

- Collaboration Diagram
- Activity Diagram
- State chat Diagram

USECASE DIAGRAMS:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor. Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

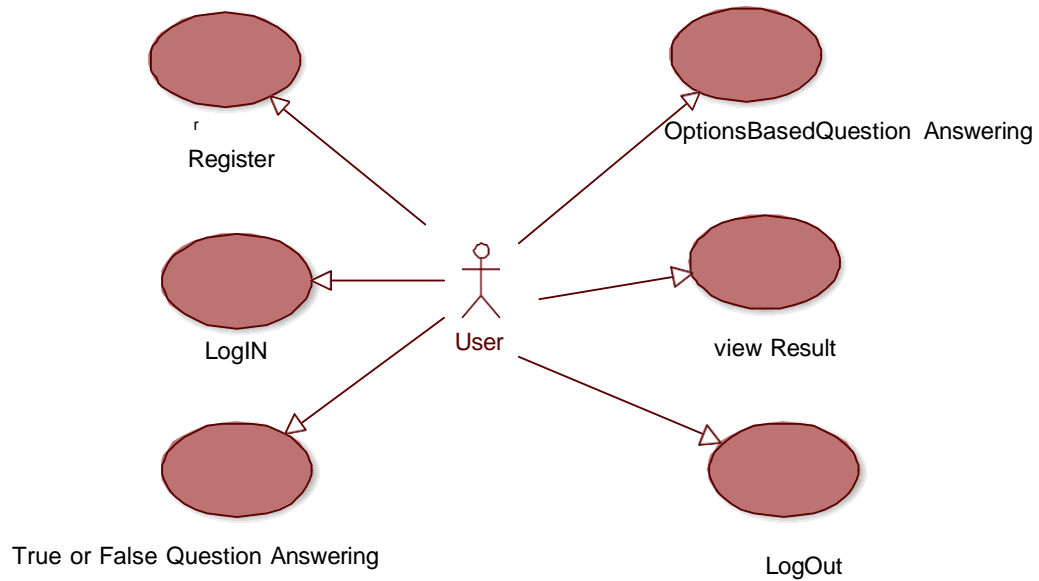
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

USECASE DIAGRAM:

A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary ActorReceiver.

ONLINE EXAMINATION



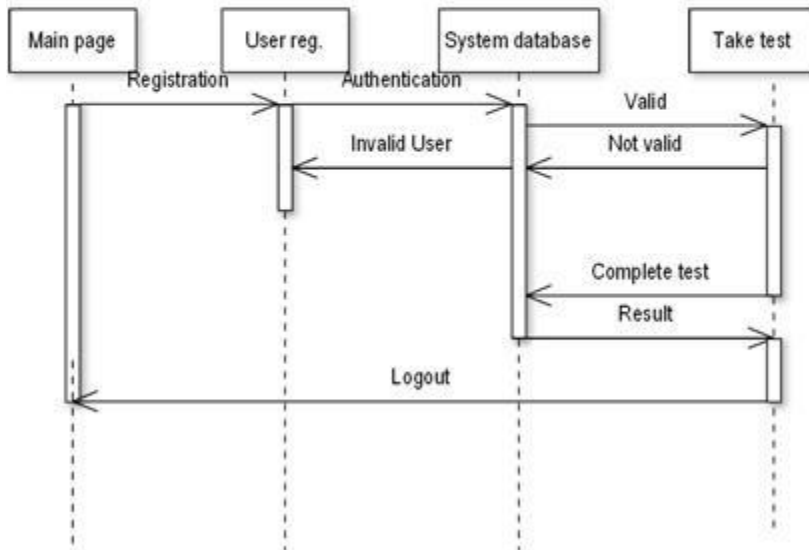
SEQUENCE DIAGRAM:

Sequence diagram and collaboration diagram are called INTERACTION DIAGRAMS. An interaction diagram shows an interaction, consisting of set of objects and their relationship including the messages that may be dispatched among them.

A sequence diagram is an introduction that empathizes the time ordering of messages. Graphically a sequence diagram is a table that shows objects arranged along the X-axis and messages ordered in increasing time along the Y-axis

ONLINE EXAMINATION

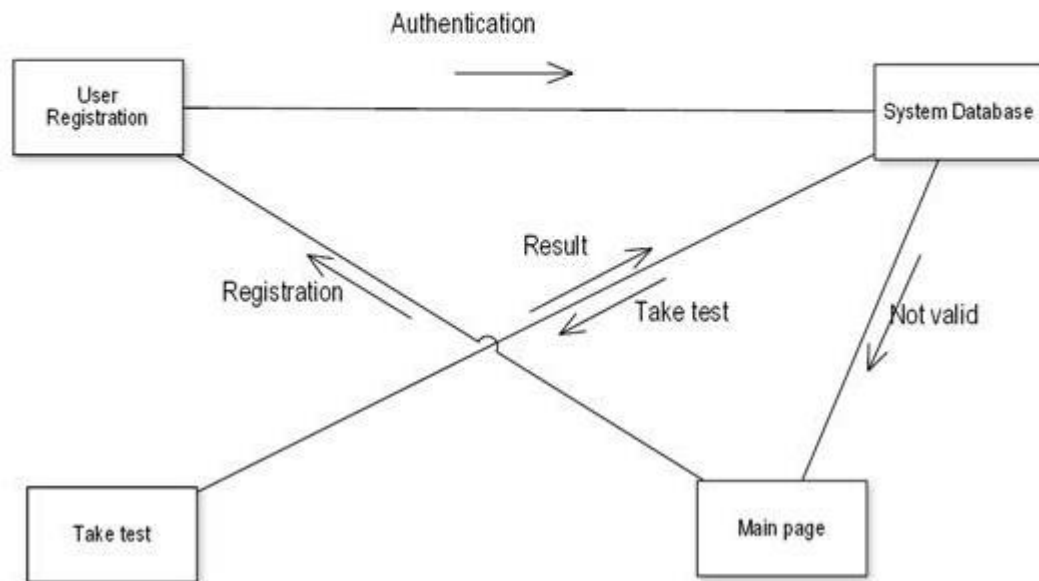
Sequence Diagram



COLLABORATION DIAGRAM:

A collaboration diagram is an introduction diagram that emphasizes the structural organization of the objects that send and receive messages. Graphically a collaboration diagram is a collection of vertices and arcs.

Collaboration Diagram



CLASS DIAGRAM:

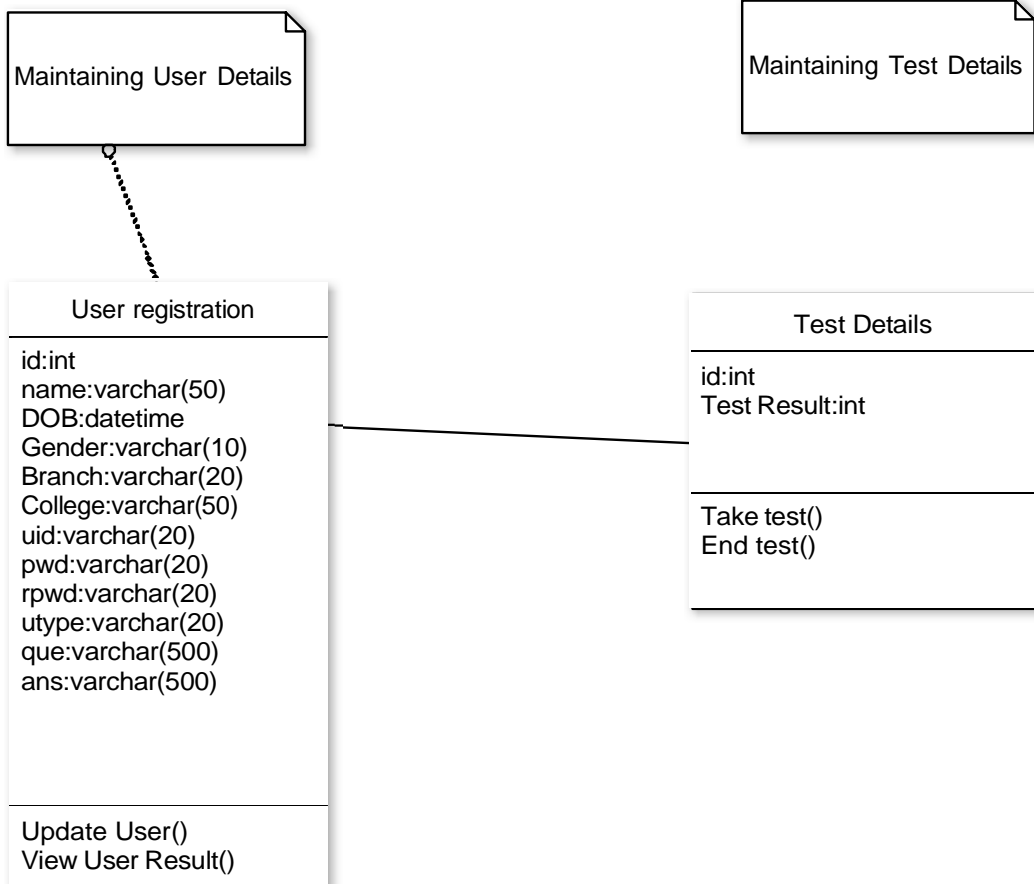
Class is nothing but a structure that contains both variables and methods. The Class Diagram shows a set of classes, interfaces, and collaborations and their relationships. There is most common diagram in modeling the object oriented systems and are used to give the static view of a system. It shows the dependency between the classes that can be used in our system.

The interactions between the modules or classes of our projects are shown below. Each block contains Class Name, Variables and Methods.

ONLINE EXAMINATION

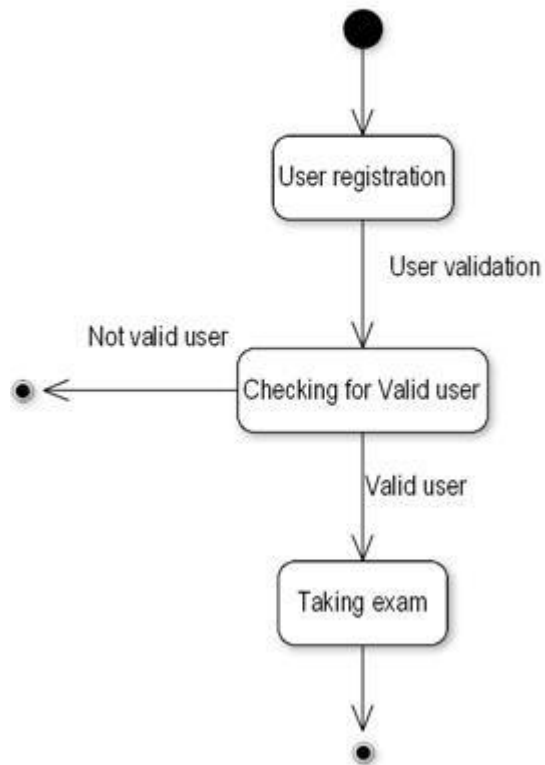
CLASS:

A description of set of objects that share the same attributes, operations, relationships, and semantics



State Chart Diagram

Statechart Diagram



ONLINE EXAMINATION

DATA FLOW DIAGRAMS:

The DFD takes an input-process-output view of a system i.e. data objects flow into the software, are transformed by processing elements, and resultant data objects flow out of the software.

Data objects represented by labeled arrows and transformation are represented by circles also called as bubbles. DFD is presented in a hierarchical fashion i.e. the first data flow model represents the system as a whole. Subsequent DFD refine the context diagram (level 0 DFD), providing increasing details with each subsequent level.

The DFD enables the software engineer to develop models of the information domain & functional domain at the same time. As the DFD is refined into greater levels of details, the analyst perform an implicit functional decomposition of the system. At the same time, the DFD refinement results in a corresponding refinement of the data as it moves through the process that embody the applications.

A context-level DFD for the system the primary external entities produce information for use by the system and consume information generated by the system. The labeled arrow represents data objects or object hierarchy.

ONLINE EXAMINATION

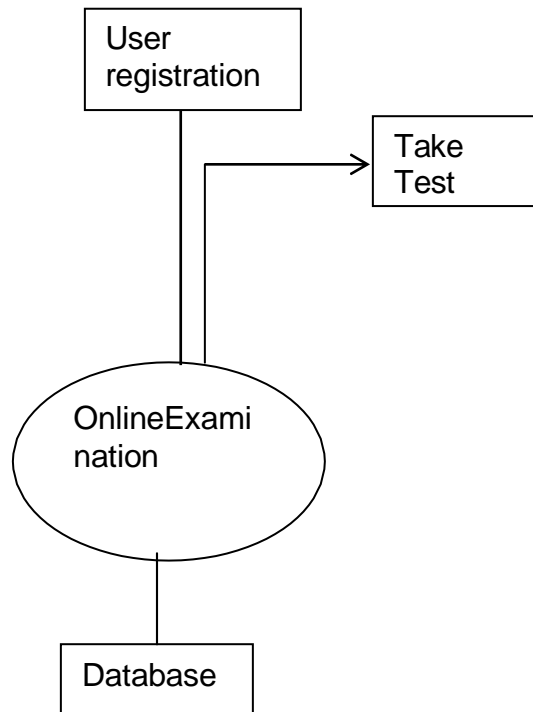
RULES FOR DFD:

- Fix the scope of the system by means of context diagrams.
- Organize the DFD so that the main sequence of the actions
- Reads left to right and top to bottom.
- Identify all inputs and outputs.
- Identify and label each process internal to the system with Rounded circles.
- A process is required for all the data transformation and Transfers. Therefore, never connect a data store to a data Source or the destinations or another data store with just a Data flow arrow.
- Do not indicate hardware and ignore control information.
- Make sure the names of the processes accurately convey everything the process is done.
- There must not be unnamed process.
- Indicate external sources and destinations of the data, with Squares.
- Number each occurrence of repeated external entities.
- Identify all data flows for each process step, except simple Record retrievals.
- Label data flow on each arrow.
- Use details flow on each arrow.
- Use the details flow arrow to indicate data movements.

ONLINE EXAMINATION

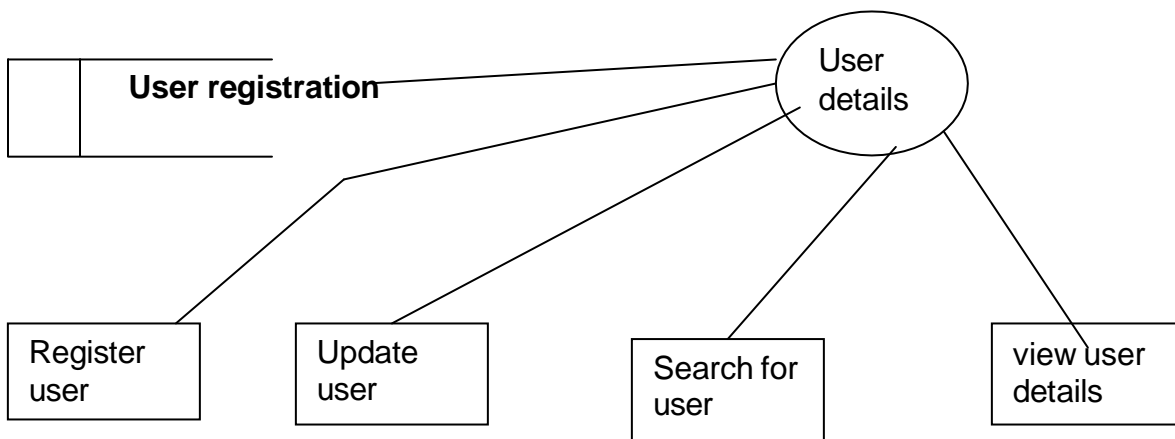
DATAFLOW DIAGRAMS:

Database:

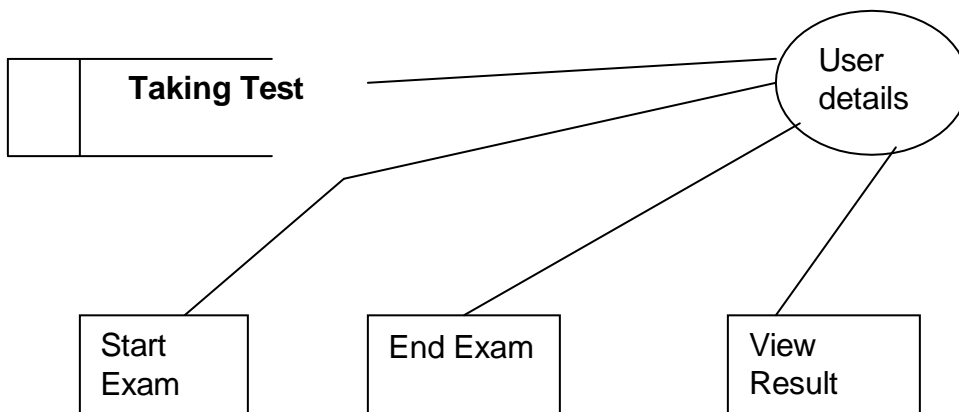


ONLINE EXAMINATION

user registration



Taking Test



ONLINE EXAMINATION

E-R Diagrams:

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represents data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design For the database designer, the utility of the ER model is:

- it maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- it is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in a specific database management software.

Connectivity and Cardinality

The basic types of connectivity for relations are: one-to-one, one-to-many, and many-to-many. A *one-to-one* (1:1) relationship is when at most one instance of a entity A is associated with one instance of entity B. For example, "employees in the company are each assigned their own office. For each employee there exists a unique office and for each office there exists a unique employee.

A *one-to-many* (1:N) relationships is when for one instance of entity A, there are zero, one, or many instances of entity B, but for one instance of entity B, there is only one instance of entity A. An example of a 1:N relationships is

a department has many employees

each employee is assigned to one department

A *many-to-many* (M:N) relationship, sometimes called non-specific, is when for one instance of entity A, there are zero, one, or many instances of entity B and for one instance of entity B there are zero, one, or many instances of entity A. The connectivity of a relationship describes the mapping of associated

ONLINE EXAMINATION

ER Notation

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used, among the more common are Bachman, crow's foot, and IDEFIX.

All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

- **entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- **relationships** are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs
- **attributes**, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.
- **existence** is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional

ONLINE EXAMINATION

MODULES

ONLINE EXAMINATION

ONLINE EXAMINATION SYSTEM

MODULES:

- 1:ADMIN MODULE**
- 2.INSTRUCTOR MODULE**
- 3.STUDENT MODULE**

1.ADMIN MODULE:

- 1.:REGISTER**
- 2.LOGIN**
- 3.CHANGE PASSWORD&FORGOTPASSWORD**
- 4.STUDENT -MODIFING DETAILS**
- 5.DEPARTMENTS-ENTERING/MODIFYING DETAILS**
- 6.INSTRUCTOR DETAILS-MODIFYING DETAILS**

1. REGISTER:To be authenticated first have to be registered.

2. LOGIN:The Registered User Can be Allowed to view inner details for which he Permitted

3. CHANGE PASSWORD&FORGOTPASSWORD:User has rights to modify his login details& also be informed through mails if he is unable to login.

4. STUDENT -MODIFING DETAILS:User can be modified to change status of each User.

5. DEPARTMENTS-ENTERING/MODIFYING DETAILS:New departments adding and old departmentd deletions are spend by this user.

6. INSTRUCTOR DETAILS-MODIFYING DETAILS:According to staff he can add or delete Instructors for specific platforms.

ONLINE EXAMINATION

2. INSTRUCTOR MODULE:

1. REGISTER
2. LOGIN
3. CHANGE PASSWORD & FORGOT PASSWORD
4. ADD QUESTIONS-DEPARTMENTS VERIFYING.
5. UPDATE QUESTIONS -DEPARTMENTS VERIFYING
6. CREATE EXAMS
7. UPDATE EXAMS
8. IEW EXAM DETAILS- VIEW NO OF REGISTERED STUDENTS
VIEW NO OF ATTENDED STUDENTS

9. EVALUATE QUESTION: MULTIPLE CHOICE
TUE/FALSE

1. REGISTER: To be authenticated first have to be registered.

2. LOGIN: The Registered User Can be Allowed to view inner details for which he Permitted

3. CHANGE PASSWORD & FORGOT PASSWORD: User has rights to modify his logging details & also be informed through mails if he is unable to login

4. ADD QUESTIONS-DEPARTMENTS VERIFYING: According to flow of questions & Technology he can add questions into the database.

5. UPDATE QUESTIONS -DEPARTMENTS VERIFYING: If any corrections in data of questions he can modify them

6. CREATE EXAMS: He will be prepared schedule for exams periodically.

7. UPDATE EXAMS: He has rights to modify exam schedule.

8. IEW EXAM DETAILS- VIEW NO OF REGISTERED STUDENTS,
VIEW NO OF ATTENDED STUDENTS: Can view at attended students who has registered.

9. EVALUATE QUESTION: MULTIPLE CHOICE
TUE/FALSE: Evaluation of marks based on his initiations when adding questions

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3. STUDENT DETAILS:

1. REGISTER
2. LOGIN
3. TAKE EXAM- MULTIPLE CHOICE
TRUE/FALSE
4. SEE EXAM RESULTS
5. LOGOUT

1. REGISTER: To be authenticated first have to be registered

2. LOGIN: The Registered User Can be allowed to view inner details for which he Permitted

3. TAKE EXAM- MULTIPLE CHOICE, TRUE/FALSE: The registered student allowed to start the exam

4. SEE EXAM RESULTS: After Completion of exam he can view at his result.

5. LOGOUT: After the process of examination he turned to Logout page.

OVERVIEW OF TECHNOLOGIES USED

PHP

PHP: Hypertext Preprocessor, is a widely used, general-purpose scripting language that was originally designed for web development, to produce dynamic web pages. It can be embedded into HTML and generally runs on a web server, which needs to be configured to process PHP code and create web page content from it. It can be deployed on most web servers and on almost every operating system and platform free of charge.

PHP was originally created by Rasmus Lerdorf in 1995 and has been in continuous development ever since. The main implementation of PHP is now produced by The PHP Group and serves as the de facto standard for PHP as there is no formal specification. PHP is free software released under the PHP

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License, which is incompatible with the GNU General Public License (GPL) because of restrictions on the use of the term PHP

PHP has evolved to include a command line interface capability and can also be used in standalone graphical applications.

USAGE

PHP is a general-purpose scripting language that is especially suited for web development. PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content. It can also be used for command-line scripting and client-side GUI applications. PHP can be deployed on most web servers, many operating systems and platforms, and can be used with many relational database management systems. It is available free of charge, and the PHP Group provides the complete source code for users to build, customize and extend for their own use.

PHP primarily acts as a filter, taking input from a file or stream containing text and/or PHP instructions and outputs another stream of data; most commonly the output will be HTML. Since PHP 4, the PHP parser compiles input to produce byte code for processing by the Zend Engine, giving improved performance over its interpreter predecessor

Originally designed to create dynamic web pages, PHP now focuses mainly on server-side scripting, and it is similar to other server-side scripting languages that provide dynamic content from a web server to a client, such as Microsoft's Active Server Pages, Sun Microsystems' JavaServer Pages and mod_perl. PHP has also attracted the development of many frameworks that provide building blocks and a design structure to promote rapid application development (RAD). Some of these include CakePHP, Symfony, CodeIgniter, and Zend Framework, offering features similar to other web application frameworks.

About HTML

HTML, which stands for **Hyper Text Markup Language**, is the predominant markup language for web pages. It provides a means to create structured

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documents by denoting structural semantics for text such as headings, paragraphs, lists etc as well as for links, quotes, and other items. It allows images and objects to be embedded and can be used to create interactive forms. It is written in the form of HTML elements consisting of "tags" surrounded by angle brackets within the web page content. It can include or can load scripts in languages such as JavaScript which affect the behavior of HTML processors like Web browsers; and Cascading Style Sheets (CSS) to define the appearance and layout of text and other material. The W3C, maintainer of both HTML and CSS standards, encourages the use of CSS over explicit presentational markup.

Hyper Text Markup Language(HTML) is the encoding scheme used to create and format a web document. A user need not be an expert programmer to make use of HTML for creating hypertext documents that can be put on the internet.

Most graphical e-mail clients allow the use of a subset of HTML (often ill-defined) to provide formatting and semantic markup not available with plain text. This may include typographic information like coloured headings, emphasized and quoted text, inline images and diagrams. Many such clients include both a GUI editor for composing HTML e-mail messages and a rendering engine for displaying them. Use of HTML in e-mail is controversial because of compatibility issues, because it can help disguise phishing attacks, because it can confuse spam filters and because the message size is larger than plain text.

NAMING CONVENTIONS

The most common filename extension for files containing HTML is .html. A common abbreviation of this is .htm, which originated because some early operating systems and file systems, such as DOS and FAT, limited file extensions to three letters.

HTML APPLICATION

An HTML Application is a Microsoft Windows application that uses HTML and Dynamic HTML in a browser to provide the application's graphical interface. A regular HTML file is confined to the security model of the web browser, communicating only to web servers and manipulating only webpage objects and site cookies. An HTA runs as a fully trusted application and therefore has more privileges, like creation/editing/removal of files and Windows Registry entries.

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Because they operate outside the browser's security model, HTAs cannot be executed via HTTP, but must be downloaded (just like an EXE file) and executed from local file system

ABOUT JAVASCRIPT

JavaScript is an object-oriented scripting language used to enable programmatic access to objects within both the client application and other applications. It is primarily used in the form of client-side JavaScript, implemented as an integrated component of the web browser, allowing the development of enhanced user interfaces and dynamic websites. JavaScript is a dialect of the ECMAScript standard and is characterized as a dynamic, weakly typed, prototype-based language with first-class functions. JavaScript was influenced by many languages and was designed to look like Java, but to be easier for non-programmers to work with.

PROTOTYPE-BASED

JavaScript uses prototypes instead of classes for inheritance. It is possible to simulate many class-based features with prototypes in JavaScript.

Functions double as object constructors along with their typical role. Prefixing a function call with `new` creates a new object and calls that function with its local `this` keyword bound to that object for that invocation. The constructor's prototype property determines the object used for the new object's internal prototype. JavaScript's built-in constructors, such as `Array`, also have prototypes that can be modified.

Unlike many object-oriented languages, there is no distinction between a function definition and a method definition. Rather, the distinction occurs during function calling; a function can be called as a method. When a function is called as a method of an object, the function's local `this` keyword is bound to that object for that invocation.

USAGE

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The primary use of JavaScript is to write functions that are embedded in or included from HTML pages and interact with the Document Object Model (DOM) of the page.

Because JavaScript code can run locally in a user's browser (rather than on a remote server) it can respond to user actions quickly, making an application feel more responsive. Furthermore, JavaScript code can detect user actions which HTML alone cannot, such as individual keystrokes. Applications such as Gmail take advantage of this: much of the user-interface logic is written in JavaScript, and JavaScript dispatches requests for information (such as the content of an e-mail message) to the server. The wider trend of Ajax programming similarly exploits this strength.

A JavaScript engine (also known as *JavaScript interpreter* or *JavaScript implementation*) is an interpreter that interprets JavaScript source code and executes the script accordingly. The first JavaScript engine was created by Brendan Eich at Netscape Communications Corporation, for the Netscape Navigator web browser. A web browser is by far the most common host environment for JavaScript. Web browsers typically use the public API to create "host objects" responsible for reflecting the DOM into JavaScript.

ABOUT MySQL

MySQL Introduction

There are a large number of database management systems currently available, some commercial and some free.

Some of them : Oracle, Microsoft Access, Mysql and PostgreSQL.

These database systems are powerful, feature-rich software, capable of organizing and searching millions of records at very high speeds.

Understanding Databases, Records, and Primary Keys

Every Database is composed of one or more tables.

These Tables, which structure data into rows and columns, Impose organization on the data.

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The records in a table(below) are not arranged in any particular order.
To make it easy to identify a specific record,therefore, it becomes necessary

standing Relationships and Foreign Keys(RDBMS)

You already know that a single database can hold multiple tables.
In a Relational database management system(RDBMS), these tables can be linked to each other by one or more common fields, called foreign keys.

What is Database administrator(DBA) ?

Database administrator is the super user of database, he has unrestricted rights and privileges to access database, grant permission to other database users.

What is Database user(DBU) ?

Database user is the person who uses the database in a restricted privileges, provided by database administrator.

Download MySQL Database

If you have installed PHP's WAMP or XAMPP server, then mysql database already exists. if you don't have then download mysql database from here <http://www.mysql.com>

DATABASE TABLES:

USER REG TABLE

NAME	NULL/NOTNULL	TYPE	KEY
ID	NOTNULL	INT	PRIMARYKEY
NAME	NULL	VARCHAR(50)	
DOB	NULL	DATETIME	
GENDER	NULL	VARCHAR(10)	
BRANCH	NULL	VARCHAR(20)	
COLLEGE	NULL	VARCHAR(50)	
UID	NULL	VARCHAR(50)	
PWD	NULL	VARCHAR(20)	
RPWD	NULL	VARCHAR(20)	

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UTYPE	NULL	VARCHAR(20)
QUE	NULL	VARCHAR(500)
ANS	NULL	VARCHAR(500)

True/False Based Question Table

NAME	NULL/NOTNULL	TYPE	KEY
ID	NOTNULL	INT	PRIMARYKEY
QUE	NULL	VARCHAR(500)	
AW	NULL	VARCHAR(500)	

True/False Based Answer Table

NAME	NULL/NOTNULL	TYPE	KEY
ID	NOTNULL	INT	FOREIGNKEY
AW	NULL	VARCHAR(500)	

Options Based Question Table

NAME	NULL/NOTNULL	TYPE	KEY
QID	NOTNULL	INT	PRIMARYKEY
QN	NULL	VARCHAR(500)	
OPTIONS1	NULL	VARCHAR(100)	
OPTIONS2	NULL	VARCHAR(100)	
ANSWER	NULL	VARCHAR(100)	

Options Based Answers

NAME	NULL/NOTNULL	TYPE	KEY
QID	NOTNULL	INT	FOREIGNKEY

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ANSWER NULL VARCHAR(10)

All Student Marks

NAME	NULL/NOTNULL	TYPE	KEY
ID	NULL	INT	
MARKS	NULL	INT	

Exam Schedule

NAME	NULL/NOTNULL	TYPE	KEY
ENAME	NULL	VARCHAR(30)	
EDATE	NULL	DATETIME	

FEASIBILITY STUDY:

Feasibility study is conducted once the problem is clearly understood. Feasibility study is a high level capsule version of the entire system analysis and design process. The objective is to determine quickly at a minimum expense how to solve a problem. The purpose of feasibility is not to solve the problem but to determine if the problem is worth solving.

The system has been tested for feasibility in the following points.

1. Technical Feasibility
2. Economical Feasibility
3. Operational Feasibility.

1. Technical Feasibility

The project entitles "Courier Service System" is technically feasibility because of the below mentioned feature. The project was developed in Java which Graphical User Interface.

It provides the high level of reliability, availability and compatibility. All these make Java an appropriate language for this project. Thus the existing software Java is a powerful

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language.

2. Economical Feasibility

The computerized system will help in automate the selection leading the profits and details of the organization. With this software, the machine and manpower utilization are expected to go up by 80-90% approximately. The costs incurred of not creating the system are set to be great, because precious time can be wanted by manually.

3. Operational Feasibility

In this project, the management will know the details of each project where he may be presented and the data will be maintained as decentralized and if any inquires for that particular contract can be known as per their requirements and necessities.

Implementation:

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence on the new system for the users that it will work efficiently and effectively.

The system can be implemented only after thorough testing is done and if it is found to work according to the specification.

It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over and an evaluation of change over methods a part from planning. Two major tasks of preparing the implementation are education and training of the users and

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testing of the system.

The more complex the system being implemented, the more involved will be the systems analysis and design effort required just for implementation.

The implementation phase comprises of several activities. The required hardware and software acquisition is carried out. The system may require some software to be developed. For this, programs are written and tested. The user then changes over to his new fully tested system and the old system is discontinued.

TESTING:

The testing phase is an important part of software development. It is the computerized system will help in automate process of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied.

Software testing is carried out in three steps:

1. The first includes unit testing, where in each module is tested to provide its correctness, validity and also determine any missing operations and to verify whether the objectives have been met. Errors are noted down and corrected immediately. Unit testing is the important and major part of the project. So errors are rectified easily in particular module and program clarity is increased. In this project entire system is divided into several modules and is developed individually. So unit testing is conducted to individual modules.

2. The second step includes Integration testing. It need not be the case, the software whose

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modules when run individually and showing perfect results, will also show perfect results when run as a whole. The individual modules are clipped under this major module and tested again and verified the results. This is due to poor interfacing, which may results in data being lost across an interface. A module can have inadvertent, adverse effect on any other or on the global data structures, causing serious problems.

3. The final step involves validation and testing which determines which the software functions as the user expected. Here also some modifications were. In the completion of the project it is satisfied fully by the end user.

Maintenance and environment:

AS the number of computer based systems, grieve libraries of computer software began to expand. In house developed projects produced tones of thousand soft program source statements. Software products purchased from the outside added hundreds of thousands of new statements. A dark cloud appeared on the horizon. All of these programs, all of those source statements-had to be corrected when false were detected, modified as user requirements changed, or adapted to new hardware that was purchased. These activities were collectively called software Maintenance.

The maintenance phase focuses on change that is associated with error correction, adaptations required as the software's environment evolves, and changes due to enhancements brought about by changing customer requirements. Four types of changes are encountered during the maintenance phase.

Correction
Adaptation
Enhancement
Prevention

Correction:

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Even with the best quality assurance activities is likely that the customer will uncover defects in the software. Corrective maintenance changes the software to correct defects.

Maintenance is a set of software Engineering activities that occur after software has been delivered to the customer and put into operation. Software configuration management is a set of tracking and control activities that began when a software project begins and terminates only when the software is taken out of the operation.

We may define maintenance by describing four activities that are undertaken after a program is released for use:

- Corrective Maintenance
- Adaptive Maintenance
- Perfective Maintenance or Enhancement
- Preventive Maintenance or reengineering

Only about 20 percent of all maintenance work are spent "fixing mistakes". The remaining 80 percent are spent adapting existing systems to changes in their external environment, making enhancements requested by users, and reengineering an application for use.

ADAPTATION:

Over time, the original environment (E.g., CPU, operating system, business rules, external product characteristics) for which the software was developed is likely to change. Adaptive maintenance results in modification to the software to accommodate change to its external environment.

ENHANCEMENT:

As software is used, the customer/user will recognize additional functions that will provide benefit. Perfective maintenance extends the software beyond its original function requirements.

PREVENTION :

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Computer software deteriorates due to change, and because of this, preventive maintenance, often called software re engineering, must be conducted to enable the software to serve the needs of its end users. In essence, preventive maintenance makes changes to computer programs so that they can be more easily corrected, adapted, and enhanced. Software configuration management (SCM) is an umbrella activity that is applied throughout the software process. SCM activities are developed to

SOFTWARE METHODOLOGY

The software methodology followed in this project includes the object-oriented methodology and the application system development methodologies. The description of these methodologies is given below.

Application System Development – A Life cycle Approach

Although there are a growing number of applications (such as decision support systems) that should be developed using an experimental process strategy such as prototyping, a significant amount of new development work continue to involve major operational applications of broad scope. The application systems are large highly structured. User task comprehension and developer task proficiency is usually high. These factors suggest a linear or iterative assurance strategy. The most common method for this stage class of problems is a system development life cycle modal in which each stage of development is well defined and has straightforward requirements for deliverables, feedback and sign off. The system development life cycle is described in detail since it continues to be an appropriate methodology for a significant part of new development work.

The basic idea of the system development life cycle is that there is a well-defined process by which an application is conceived and developed and implemented. The life cycle gives structure to a creative process. In order to manage and control the development effort, it is necessary to know what should

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have been done, what has been done, and what has yet to be accomplished. The phrases in the system development life cycle provide a basis for management and control because they define segments of the

flow of work, which can be identified for managerial purposes and specifies the documents or other deliverables to be produced in each phase.

The phases in the life cycle for information system development are described differently by different writers, but the differences are primarily in the amount of necessity and manner of categorization. There is a general agreement on the flow of development steps and the necessity for control procedures at each stage.

The information system development cycle for an application consists of three major stages.

- 1) Definition.
- 2) Development.
- 3) Installation and operation.

The first stage of the process, which defines the information requirements for a feasible cost effective system. The requirements are then translated into a physical system of forms, procedures, programs etc., by the system design, computer programming and procedure development. The resulting system is test and put into operation. No system is perfect so there is always a need for maintenance changes. To complete the cycle, there should be a post audit of the system to evaluate how well it performs and how well it meets the cost and performance specifications. The stages of definition, development and installation and operation can therefore be divided into smaller steps or phrases as follows.

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Definition

Proposed definition : preparation of request for proposed applications.

Feasibility assessment : evaluation of feasibility and cost benefit of proposed system.

Information requirement analysis : determination of information needed.

Design

Conceptual design : User-oriented design of application development.

Physical system design : Detailed design of flows and processes in applications processing system and preparation of program specification.

Development

Program development : coding and testing of computer programs.

Procedure development : design of procedures and preparation of user instructions.

Installation and operation

Conversion : final system test and conversion.

Operation and maintenance : Month to month operation and maintenance

Post audit : Evaluation of development process,application system and results of use at the completion of the each phase, formal approval sign-off is required from the users as well as from the manager of the project development.

Testing

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Testing is a process of executing a program with the intent of finding an error. Testing is a crucial element of software quality assurance and presents ultimate review of specification, design and coding.

System Testing is an important phase. Testing represents an interesting anomaly for the software. Thus a series of testing are performed for the proposed system before the system is ready for user acceptance testing.

A good test case is one that has a high probability of finding an as undiscovered error. A successful test is one that uncovers an as undiscovered error.

Testing Objectives:

1. Testing is a process of executing a program with the intent of finding an error
2. A good test case is one that has a probability of finding an as yet undiscovered error
3. A successful test is one that uncovers an undiscovered error

Testing Principles

1. All tests should be traceable to end user requirements
2. Tests should be planned long before testing begins
3. Testing should begin on a small scale and progress towards testing in large
4. Exhaustive testing is not possible
5. To be most effective testing should be conducted by a independent third party

The primary objective for test case design is to derive a set of tests that has the highest livelihood for uncovering defects in software. To accomplish this objective two different categories of test case design techniques are used. They are

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White box testing.

Black box testing.

White-box testing:

White box testing focus on the program control structure. Test cases are derived to ensure that all statements in the program have been executed at least once during testing and that all logical conditions have been executed.

Block-box testing:

Black box testing is designed to validate functional requirements without regard to the internal workings of a program. Black box testing mainly focuses on the information domain of the software, deriving test cases by partitioning input and output in a manner that provides through test coverage. Incorrect and missing functions, interface errors, errors in data structures, error in functional logic are the errors falling in this category.

Testing strategies:

A strategy for software testing must accommodate low-level tests that are necessary to verify that all small source code segment has been correctly implemented as well as high-level tests that validate major system functions against customer requirements.

Testing fundamentals:

Testing is a process of executing program with the intent of finding error. A good test case is one that has high probability of finding an undiscovered error. If testing is conducted successfully it uncovers the errors in the software. Testing cannot show the absence of defects, it can only show that software defects present.

Testing Information flow:

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Information flow for testing flows the pattern. Two class of input provided to test the process. The software configuration includes a software requirements specification, a design specification and source code.

Test configuration includes test plan and test cases and test tools. Tests are conducted and all the results are evaluated. That is test results are compared with expected results. When erroneous data are uncovered, an error is implied and debugging commences.

Unit testing:

Unit testing is essential for the verification of the code produced during the coding phase and hence the goal is to test the internal logic of the modules. Using the detailed design description as a guide, important paths are tested to uncover errors with in the boundary of the modules. These tests were carried out during the programming stage itself. All units of ViennaSQL were successfully tested.

Integration testing :

Integration testing focuses on unit tested modules and build the program structure that is dictated by the design phase.

System testing:

System testing tests the integration of each module in the system. It also tests to find discrepancies between the system and it's original objective, current specification and system documentation. The primary concern is the compatibility of individual modules. Entire system is working properly or not will be tested here, and specified path ODBC connection will correct or not, and giving output or not are tested here these verifications and validations are done by giving input values to the system and by comparing with expected output. Top-down testing implementing here.

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Acceptance Testing:

This testing is done to verify the readiness of the system for the implementation. Acceptance testing begins when the system is complete. Its purpose is to provide the end user with the confidence that the system is ready for use. It involves planning and execution of functional tests, performance tests and stress tests in order to demonstrate that the implemented system satisfies its requirements.

Tools of special importance during acceptance testing include:

Test coverage Analyzer – records the control paths followed for each test case.

Timing Analyzer – also called a profiler, reports the time spent in various regions of the code and areas to concentrate on to improve system performance.

Coding standards – static analyzers and standard checkers are used to inspect code for deviations from standards and guidelines.

Test Cases:

Test cases are derived to ensure that all statements in the program have been executed at least once during testing and that all logical conditions have been executed.

Using White-Box testing methods, the software engineer can derive test cases that

- Guarantee that logical decisions on their true and false sides.
- Exercise all logical decisions on their true and false sides.
- Execute all loops at their boundaries and within their operational bounds.
- Exercise internal data structure to assure their validity.

The test case specification for system testing has to be submitted for review before system testing commences.

Output screens

You can add Screenshot

Conclusion

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CONCLUSION:

The package was designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the efficiency
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

Future Enhancements

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FUTURE ENHANCEMENTS:

This application avoids the manual work and the problems concern with it. It is an easy way to obtain the information regarding the different scheduled examinations information that are Currently issued.

Well I and my team members have worked hard in order to present an improved website better than the existing one's regarding the information about the various activities. Still ,we found out that the project can be done in a better way. Primarily, when we request information about a particular schedules it just shows the exam date and platform. So, after getting the information we can get access to the onlineexam.

The enhancement that we can add the searching option. We can directly search to the particular student details from this site.

Bibliography

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BIBLIOGRAPHY

The following books were referred during the analysis and execution phase of the project

✓ **Books Referred:**

- BEGINNING PHP 5 ---DAVE MERCER
- BLACK BOOK HTML ---WILEY DREAMTECH
- PHP AND MYSQL WEB DEVELOPMENT --- LUKEWELLING,LAURA
- MICROSOFT SQL SERVER-2000 ---RANKIN, PAUL & JENSEN
- SQL SERVER-2000 ---DUSAN PETKOVIC
- PHP IN A NUTSHELL --- PAUL HUDSON

✓ **Websites Referred:**

<http://www.projectworlds.in>



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Test Your Skill

Hello, Admin

Signout

Dashboard Home **User** Ranking Feedback Quiz Signout

S.N.	Name	Gender	College	Email	Mobile	
1	Avantika	F	KNIT sultanpur	avantika420@gmail.com	7785068889	
2	Mark Zukarburg	M	Stanford	ceo@facebook.com	987654321	
3	Komal	F	KNIT sultanpur	komalpd2011@gmail.com	7785068889	
4	Tom Cruze	M	Hollywood	mi5@hollywood.com	7785068889	
5	Netcamp	M	KNIT sultanpur	netcamp@gmail.com	987654321	
6	Nikunj	M	XYZ	nik1@gmail.com	987	
7	Sunny	M	KNIT sultanpur	sunnygkp10@gmail.com	7785068889	
8	User	M	clmt	user@user.com	11	
9	Vikash	M	KNIT sultanpur@gmail.com	vikash@gmail.com	7785068889	

Test Your Skill

Signin

LOGIN

Admin user Id

Password

Login

Enter your name

Enter your email-id

Enter your mobile number

Enter your password

Conform Password

sign up

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The screenshot shows a web application interface. At the top left, the text "Test Your Skill" is visible. In the top right corner, there is a "Signin" button. A "Developers" popup window is open, displaying a profile for Yugesh Verma. The profile includes a small profile picture, a phone number (+91 9165063741), an email address (vermayugesh323@gmail.com), and the affiliation "Chhattishgarh insitute of management & Technology ,bhilai". In the background, a sign-up form is visible with fields for "Enter your name", "Enter your email-id", "Enter your mobile number", "Enter your password", and "Conform Password", along with a green "sign up" button.

The screenshot shows a web application interface. At the top left, the text "Test Your Skill" is visible. In the top right corner, there are "Home" and "Signin" buttons. A "Feedback/REPORT A PROBLEM" form is displayed in the center. The form includes the following text: "You can send us your feedback through e-mail on the following e-mail id: sunnygkp10@gmail.com" and "Or you can directly submit your feedback by filling the enteries below:-". The form has three input fields: "Name:" with the placeholder "Enter your name", "Subject:" with the placeholder "Enter subject", and "E-Mail address:" with the placeholder "Enter your email-id". Below these fields is a larger text area with the placeholder "Write feedback here...". A blue "Submit" button is located at the bottom of the form.

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The screenshot displays a web application for an online examination. At the top, a dark header contains the text "Test Your Skill" on the left and a "Signin" button on the right. Below the header is a large image of a laptop on a desk with a glass of water. A white sign-up form is overlaid on the right side of the image, containing the following fields: "Enter your name", "Select Gender" (a dropdown menu), "Enter your college name", "Enter your email-id", "Enter your mobile number", "Enter your password", and "Conform Password". A green "sign up" button is at the bottom of the form.

Below the image, a dark navigation bar features "Test Your Skill" on the left, "Hello, Admin" in the center, and a "Signout" button on the right. Underneath this is a light-colored navigation bar with links for "Netcamp", "Home", "History", "Ranking", and "Signout", along with an "Enter tag" input field and a "Search" button.

The main content area shows a question: "Question 2 :: which is a variable of php??" with four radio button options: "int a", "\$a", "long int a", and "int a\$". The "\$a" option is selected and highlighted with a yellow circle. A blue "Submit" button is located below the options.

At the bottom, a dark footer contains four links: "About us", "Admin Login", "Developers", and "Feedback".

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Dashboard Home User Ranking Feedback Quiz- Signout

Enter Quiz Details

Test Your Skill

Hello, Admin

Signout

Dashboard Home User Ranking Feedback Quiz- Signout

S.N.	Topic	Total question	Marks	Time limit	
1	Linux :vi Editor	5	10	10 min	Remove
2	Linux:startup	5	10	10 min	Remove
3	Networking	2	4	5 min	Remove
4	C++ Coding	2	4	5 min	Remove
5	Php Coding	2	4	5 min	Remove
6	Linux : File Managment	2	4	5 min	Remove

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Test Your Skill

Hello, Admin

Signout

Netcamp

Home

History

Ranking

Signout

Enter tag

Search

Result

Total Questions	2
right Answer ✓	2
Wrong Answer ✗	0
Score ★	4

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PROJECT REPORT
ON
PARK TICKETING MANAGEMENT SYSTEM

Submitted in partial fulfillment of the requirements for the award of degree of

M.Sc (COMPUTER SCIENCE)

TO

SHANTI DEVI ARYA MAHILA COLLEGE

DINANAGAR



Submitted To:-

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ACKNOWLEDGEMENT

With deep sense of gratitude we express our sincere thanks and obligation to our esteemed guide Mrs. Amita (Assistant Professor). It is because of her able and mature guidance and co-operation without which it would not have been possible for us to complete our project. We would also like to thank Dr. Deepak Jyoti, HOD, Post Graduate Deptt. of Computer Science, Shanti Devi Arya Mahila College, Dinanagar for providing the institute with an environment where one can use her intellect and creativity to develop something fruitful and also for allowing us the opportunity to experience dynamic professional environment during our Training. This environment facilitated us in pursuing this project. It is our pleasant duty to thank all the staff members of the Computer Department for their time to time suggestions. Finally, we would like to thank the almighty and our parents for their moral support and our friends with whom we shared our day-to-day experience and received lots of suggestions that improved our quality of work.

Kavita
(20672225416)

Amandeep Kaur
(20672225415)

CERTIFICATE OF APPROVAL

This is certify that the project report entitled **Park Ticketing Management System** submitted to Shanti Devi Arya Mahila College, Dinanagar in partial fulfillment of the requirement for the award of Degree of M.Sc (CS), is an authentic and original work carried out by Kavita (20672225416) Amandeep kaur (20672225415) under our guidance and supervision. The Post Graduate deptt. of Computer Science has accepted the report as the fulfillment of the requirements for the Degree Master of Computer Science. No part of this report has been submitted to any other College/University for the reward of any Degree to the best of our knowledge.

Mrs. Amita

Assistant Professor (Computer Science)

(Project Supervisor)

Shanti Devi Arya Mahila College, Dinanagar

Dr. Deepak jyoti

**HOD, PG Department of (Computer Science)
Shanti Devi Arya Mahila College Dinanagar**

DECLARATION

We hereby declare that this project report on “ **Park Ticketing Management System** ” which is being submitted in partial fulfillment of the Training Programme of M.Sc (Master of Computer Science) to Shanti Devi Arya Mahila College, Dinanagar is the result of the work carried out by us, under the guidance of Amita (Assistant Professor). Shanti Devi Arya College, Dinanagar.

Kavita

20672225416

Amandeep Kaur

20672225415

Abstract

This project manages people and provides ticket to the person who comes to visits in park with his/her family. With this project admin is able to see how many people is visiting in park and also see how many ticket is generating in particular period.

Introduction

Park Ticketing Management System is a web based technology which manages people and provides ticket to the person who comes to visits in park with his/her family. This web application provides a way to effectively control record & track the people who visit to park.

A park Ticketing Management system effectively manages and handles all the functioning of a park. The software system can store the data of people tickets that came to visit in the park. The system also maintains and calculates the price of ticket. The system needs an administrator to input the detail of ticket like how many are adult and how many are child and print the ticket and give it to person. In this project we use PHP and MySQL database and it has only one module i.e. Admin.

Advantages:

- It helps the park admin to handle and manage ticket data.
- Reduce time consumption.
- Reduce error scope.
- All system managements are automated.
- Centralized database management.
- Easy operations for operator of the system.
- No paper work requirement

Disadvantages:

- The system can only handle Single Park.
- The system does not include bank payment, dd, cheque status.

Applications:

- To be used in park ticket.

Feasibility study

Whenever we design a new system, normally the management will ask for a feasibility report of the new system. The management wants to know the technicalities and cost involved in creation of new system.

- Technical feasibility
- Economic feasibility
- Physical feasibility

Technical feasibility:

Technical feasibility involves study to establish the technical capability of the system being created to accomplish all requirements to the user. The system should be capable of handling the proposed volume of data and provide users and operating environment to increase their efficiency.

For example, system should be capable of handling the proposed volume of data and provide users.

Economic feasibility:

Economic feasibility involves study to establish the cost benefit analysis. Money spent on the system must be recorded in the form of benefit from the system. The benefits are of two types:

Tangible benefits:

- Saving man labor to do tedious tasks saves time.
-

Intangible benefits:

- Improves the quality of organization.

Physical feasibility:

It involves study to establish the time responses of the new system being created. For e.g., if the new system takes more than one day to prepare crucial finance statement for the management, wherever it was required in an hour, the system fails to provide the same.

It should be clearly establish that the new system requirements in the form of time responses would be completely met with. It may call for increase in cost. If the required cost is sacrificed then the purpose of the new system may not be achieved even if it was found to be technically feasible.

Scope of the Project

The proposed system will affect or interface with the person who visits in the park and administrator.

The system works and fulfills all the functionalities as per the proposed system.

It will provide reduced response time against the queries made by different users.

This project is based on PHP language with MYSQL database which manages people and provides ticket to the person who comes to visits in park with his/her family.

All possible features such as verification, validation, security, user friendliness etc have been considered.

In this project there is one module i.e.

Admin

Admin:

1. **Dashboard:** In this section, admin can see how many foreigner and Indian ticket is generating today and yesterday.
2. **Manage Ticket:** In this section, admin can update price and ticket type of ticket.
3. **Indian Ticket:** In this section, admin can add the detail of number of adult and number of child and print the ticket with their total cost.
4. **Foreigner Ticket:** In this section, admin can add the detail of number of adult and number of child and print the ticket with their total cost.
5. **Search:** In this section admin, can search ticket by ticket id.
6. **Reports:** In this section admin can view how many ticket has been generate in particular period

Admin can also update his profile, change the password and recover the password.

Software & Hardware requirements

- ✓ Any Version of browser after Mozilla Firefox 4.0, Internet Explorer 6.0,chrome

Hardware requirements:

- ✓ Any processor after Pentium 4.
- ✓ Any version of Windows XP or later.
- ✓ Processor speed: 2.0 GHz
- ✓ RAM : 1GB
- ✓ Hard disk: 40GB to 80 GB

Software requirements:

- ✓ Database : MySQL
- ✓ Server : Apache
- ✓ Frontend : HTML
- ✓ Scripting Language : JavaScript
- ✓ IDE : Sublime
- ✓ Technology : PHP

System Design

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data

Unified Modelling Language Diagrams (UML):

- The unified modelling language allows the software engineer to express an analysis model using the modelling notation that is governed by a set of syntactic semantic and pragmatic rules.
- A UML system is represented using five different views that describe the system from distinctly different perspective. Each view is defined by a set of diagram, which is as follows.

User Model View

- i. This view represents the system from the users perspective.
- ii. The analysis representation describes a usage scenario from the end-users perspective.

Structural model view

- ◆ In this model the data and functionality are arrived from inside the system.
- ◆ This model view models the static structures.

Behavioural Model View

- ◆ It represents the dynamic of behavioural as parts of the system, depicting the interactions of collection between various structural elements described in the user model and structural model view.

Implementation Model View

- ◆ In this the structural and behavioural as parts of the system are represented as they are to be built.

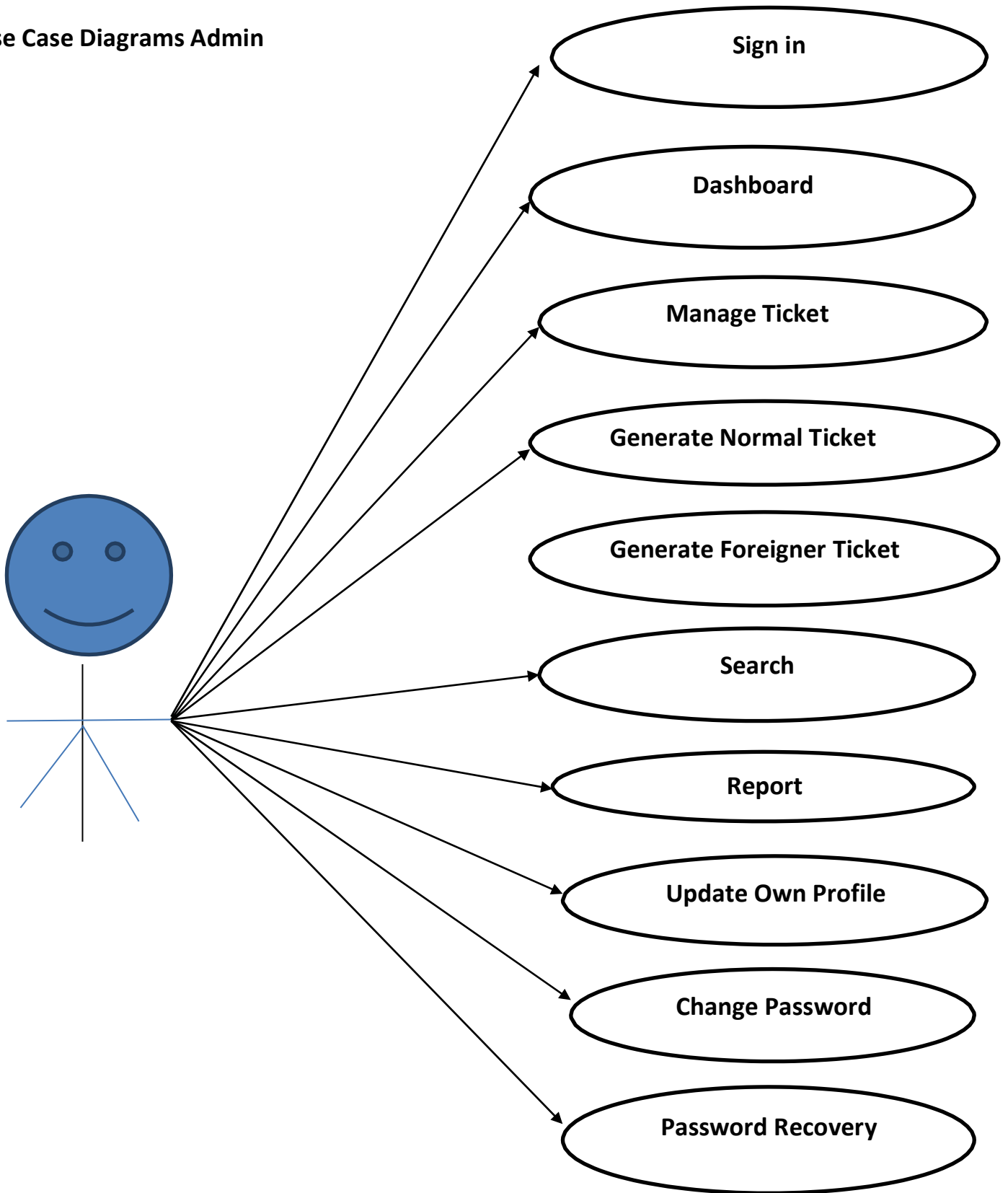
Environmental Model View

In this the structural and behavioural aspects of the environment in which the system is to be implemented are represented.

UML is specifically constructed through two different domains they are

- ◆ UML Analysis modelling, which focuses on the user model and structural model views of the system?
- ◆ UML design modelling, which focuses on the behavioural modelling, implementation modelling and environmental model views.

Use Case Diagrams Admin



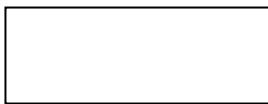
ENTITY-RELATIONSHIP Diagrams

E-R (Entity-Relationship) Diagram is used to represent the relationship between entities in the table.

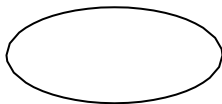
The symbols used in E-R diagrams are:

SYMBOL

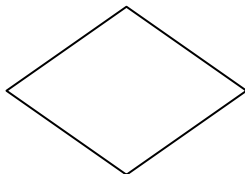
PURPOSE



Represents Entity sets.



Represent attributes.



Represent Relationship Sets.

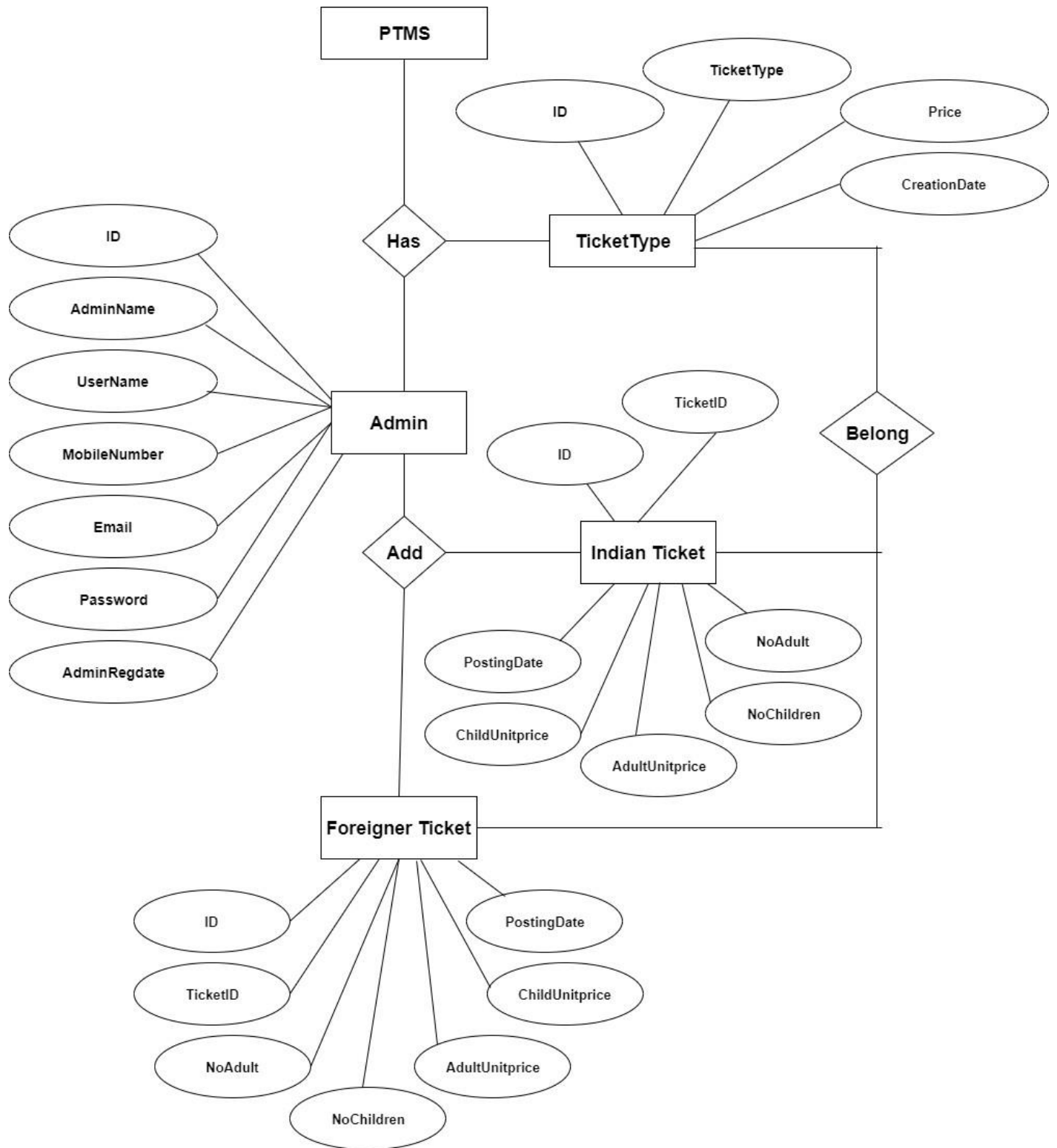


Line represents flow

Structured analysis is a set of tools and techniques that the analyst.

To develop a new kind of a system:

The traditional approach focuses on the cost benefit and feasibility analysis, Project management, and hardware and software selection a personal considerations.




DATABASE DESIGN

The data in the system has to be stored and retrieved from database. Designing the database is part of system design. Data elements and data structures to be stored have been identified at analysis stage. They are structured and put together to design the data storage and retrieval system.


A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make database access easy, quick, inexpensive and flexible for the user. Relationships are established between the data items and unnecessary data items are removed. Normalization is done to get an internal consistency of data and to have minimum redundancy and maximum stability. This ensures minimizing data storage required, minimizing chances of data inconsistencies and optimizing for updates. The MS Access database has been chosen for developing the relevant databases.

Park Ticket Management System (PTMS) contains 4 MySQL tables :


tbladmin table Structure : This table store the admin login and personal Details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	utf8mb4_general_ci		Yes	NULL		
3	UserName	varchar(120)	utf8mb4_general_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	Password	varchar(200)	utf8mb4_general_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		


tblticindian table Structure : This table store ticket detail of Normal(Indian) people.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	TicketID	varchar(100)	latin1_swedish_ci		No	None		
3	NoAdult	int(10)			Yes	NULL		
4	NoChildren	int(10)			Yes	NULL		
5	AdultUnitprice	varchar(50)	latin1_swedish_ci		Yes	NULL		
6	ChildUnitprice	varchar(50)	latin1_swedish_ci		Yes	NULL		
7	PostingDate	timestamp			Yes	current_timestamp()		

tblticforeigner table Structure : This table store ticket detail of Foreign people.

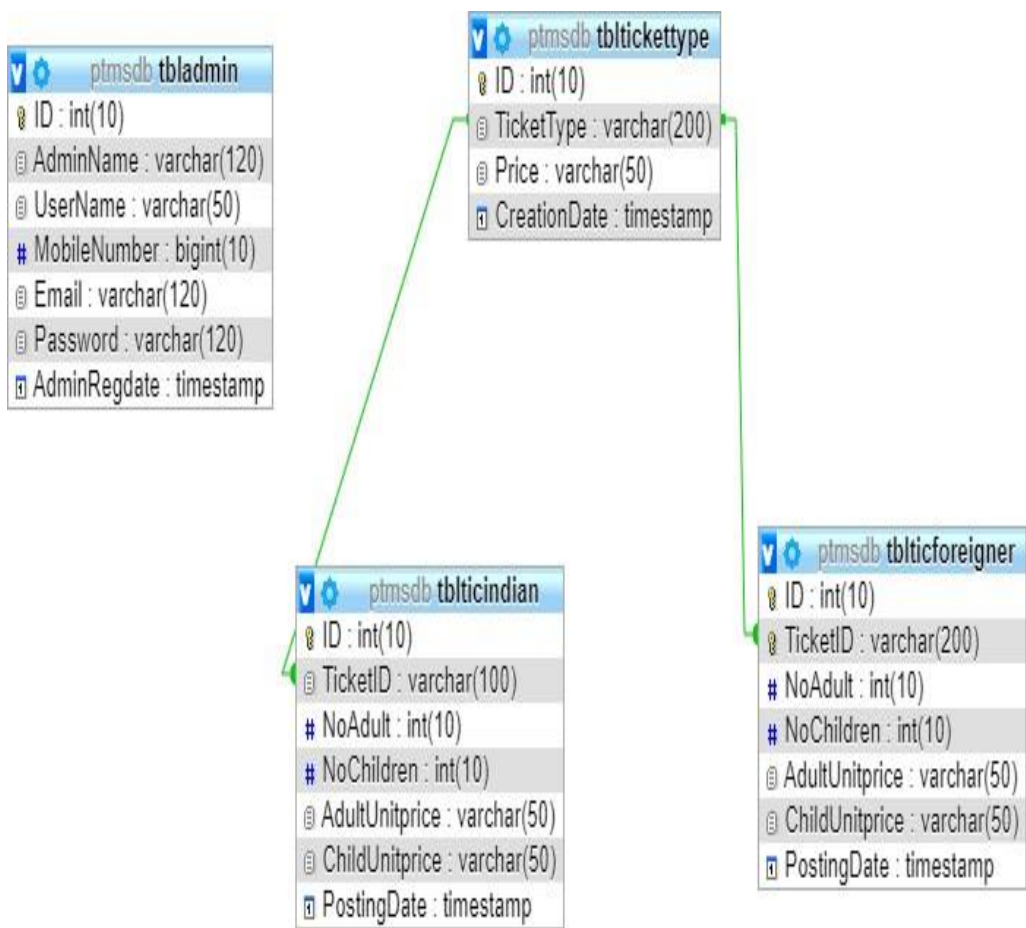
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	TicketID	varchar(200)	latin1_swedish_ci		Yes	NULL		
3	NoAdult	int(10)			Yes	NULL		
4	NoChildren	int(10)			Yes	NULL		
5	AdultUnitprice	varchar(50)	latin1_swedish_ci		Yes	NULL		
6	ChildUnitprice	varchar(50)	latin1_swedish_ci		Yes	NULL		
7	PostingDate	timestamp			Yes	current_timestamp()		

tbltickettype table Structure : This table store the ticket type.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	TicketType	varchar(200)	latin1_swedish_ci		Yes	NULL		
3	Price	varchar(50)	latin1_swedish_ci		Yes	NULL		
4	CreationDate	timestamp			Yes	current_timestamp()		

Class Diagram:

The class diagram shows a set of classes, interfaces, collaborations and their relationships.



SYSTEM TESTING

SOFTWARE TESTING TECHNIQUES:

Software testing is a critical element of software quality assurance and represents the ultimate review of specification, designing and coding.

TESTING OBJECTIVES:

1. Testing is process of executing a program with the intent of finding an error.
2. A good test case design is one that has a probability of finding an as yet undiscovered error.
3. A successful test is one that uncovers an as yet undiscovered error.

These above objectives imply a dramatic change in view port.

Testing cannot show the absence of defects, it can only show that software errors are present.

There are three types of testing strategies

1. Unit test
2. Integration test
3. Performance test

Unit Testing:

Unit testing focuses verification efforts on the smallest unit of software design module. The unit test is always white box oriented. The tests that occur as part of unit testing are testing the module interface, examining the local data structures, testing the boundary conditions, execution all the independent paths and testing error-handling paths.

Integration Testing:

Integration testing is a systematic technique or construction the program structure while at the same time conducting tests to uncover errors associated with interfacing. Scope of testing summarizes the specific functional, performance, and internal design characteristics that are to be tested. It employs top-down testing and bottom-up testing methods for this case.

Performance Testing:


Timing for both read and update transactions should be gathered to determine whether system functions are being performed in an acceptable timeframe.


Output Screen of Project

Admin Login

SIGN IN

Hello there, Sign in and start managing your Admin Template

User Name 

Password 


[Forgot Password?](#)


SUBMIT →

Forgot Password

FORGOT PASSWORD

Hello there, Recover your Password

Email Address 

Mobile Number 

[Signin](#)

RESET →

Reset Password

RESET PASSWORD

Hello there, Reset Your Password

New Password

Confirm Password

[Signin](#)

RESET →

Dashboard

PTMS ADMIN

Dashboard [Home / Dashboard](#)

- Dashboard
- Manage Type Ticket
- Normal Ticket
- Foreigners Ticket
- Reports
- Search

Today Normal Adult Visitor 10	Today Normal Children Visitor 18	Yesterday Normal Adult Visitor	Yesterday Normal Child Visitor
Today Foreigner Adult Visitor 10	Today Foreigner Children Visitor 16	Yesterday Foreigner Adult Visitor	Yesterday Foreigner Child Visitor

Admin Profile

PTMS ADMIN

- Dashboard
- Manage Type Ticket
- Normal Ticket
- Foreigners Ticket
- Reports
- Search

Admin Profile

Admin Name

User Name

Contact Number

Email address

We'll never share your email with anyone else.

[Update](#)

Change Password

PTMS ADMIN

Dashboard Home / Dashboard

Profile

- Dashboard
- Manage Ticket
- Indian Ticket
- Foreigners Ticket
- Reports
- Search

Change Password

Current Password

New Password

Confirm Password

[Change](#)

Manage Ticket

PTMS ADMIN

Dashboard [Home](#) / [Dashboard](#)

Dashboard

Manage Type Ticket

Normal Ticket

Foreigners Ticket

Reports

Search

Manage Ticket

Show entries Search:

S.NO	Ticket Type	Price
1	Normal Adult	Rs 200
2	Normal Child	Rs 80 Edit
3	Foreigner Adult	Rs 1100 Edit
4	Foreigner Child	Rs 800 Edit

Showing 1 to 1 of 1 entries

[Previous](#) [1](#) [Next](#)

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Update Ticket Type

PTMS ADMIN

Dashboard [Home](#) / [Dashboard](#)

Dashboard

Manage Type Ticket

Normal Ticket

Foreigners Ticket

Reports

Search

Update Ticket

Ticket Type

Ticket Cost

[Update](#)

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Add Normal Ticket

PTMS ADMIN

Dashboard Home / Dashboard

Add Ticket

Adult

Children

Submit

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Manage Normal Ticket

PTMS ADMIN

Dashboard Home / Dashboard

View Detail Of Tickets

S.NO	Ticket ID	Generating Ticket Date	Action
1	652310096	2024-04-12 14:09:18	View
2	110310767	2024-04-12 14:09:25	View
3	223270692	2024-04-12 14:09:37	View
4	887943889	2024-04-12 14:09:44	View

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- Main
- Dashboard
- Flats
- Allotment
- Bills
- View Complain
- Visitors
- Search
- Report

Allotment Detail

[Home](#) / ALLOTMENT DETAIL

Allotment Detail

Name

Contact Number

Block

Flat Number

Emergency Contact Number

Total member of family

Permanent Address(if any)

Add

View Normal Ticket

PTMS ADMIN

Dashboard [Home](#) / [Dashboard](#)

Dashboard

Manage Type Ticket

Normal Ticket

Foreigners Ticket


Reports

Search

View Detail Of Ticket ID: 652310096

Visiting Date: 2024-04-12 14:09:18

#	No of Tickets	Price per unit	Total
Number of Adult	4	Rs200	Rs800
Number of Children	6	Rs80	Rs480
Total Ticket Price			Rs1280



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Add Foreigner Ticket

PTMS ADMIN

Dashboard [Home](#) / [Dashboard](#)

Dashboard

Manage Type Ticket

Normal Ticket

Foreigners Ticket

Reports

Search

Add Ticket

Adult

Children

[Submit](#)

Park Ticketing Management System @ 2024. All right reserved

Manage Foreigner Ticket

PTMS ADMIN

Dashboard Home / Dashboard

View Detail Of Tickets

#	Ticket ID	Ticket Date	Action
1	769051665	2024-04-12 14:06:48	View
2	760710697	2024-04-12 14:06:56	View
3	785821342	2024-04-12 14:07:07	View
4	119897197	2024-04-12 14:07:16	View

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View Foreigner Ticket


PTMS ADMIN

Dashboard Home / Dashboard

View Detail Of Ticket ID: 769051665

Visiting Date: 2024-04-12 14:06:48

#	No of Tickets	Price per unit	Total
Number of Adult	2	Rs1100	Rs2200
Number of Chlidren	4	Rs800	Rs3200
Total Ticket Price			Rs5400



SMS
☰
🔔 👤

Main

- 🏠 Dashboard
- 🏠 Flats +
- 📄 Allotment +
- 📄 Bills +
- 🏠 View Complain +
- 👤 Visitors +
- 🔍 Search +
- 📄 Report +

Complain Detail 🏠 / COMPLAIN DETAIL

Complain By Block: B Flat Num: 203

Requet ID	297649716	Complain Type	Other
Complain Description	Floor of common area not clean properly	Complain Raised Date	2019-12-24 11:44:55
Complain Raised By	Lokesh Kumar	Mobile Number	3256589812
Block	B	Fiat	203
Status	Not Updated Yet		
Admin Remark :			
Status	In Progress ▼		

[Update](#)

Normal Reports

PTMS ADMIN
☰
🗨️

- 🏠 Dashboard
- 📄 Manage Type Ticket
- 📄 Normal Ticket ▼
- 📄 Foreigners Ticket ▼
- 📄 Reports ▼
- 🔍 Search ▼

Dashboard Home / Dashboard

Between Dates Reports Of Ticket Generating

From Date

To Date

[Submit](#)

Park Ticketing Management System @ 2024. All right reserved

View Between Dates Report of ticket generating (Normal)

PTMS ADMIN

Dashboard [Home](#) / [Dashboard](#)

Dashboard

Manage Type Ticket

Normal Ticket

Foreigners Ticket

Reports

Search

Between Dates Reports

[Between Dates Report from 2024-04-01 to 2024-04-27 of Ticket Generating](#)

S.NO	Ticket ID	Generating Ticket Date	Action
1	652310096	2024-04-12 14:09:18	View
2	110310767	2024-04-12 14:09:25	View
3	223270692	2024-04-12 14:09:37	View
4	887943889	2024-04-12 14:09:44	View

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Foreigner Report

PTMS ADMIN

Dashboard [Home](#) / [Dashboard](#)

Dashboard

Manage Type Ticket

Normal Ticket

Foreigners Ticket

Reports

Search

Between Dates Reports Of Ticket Generating

From Date

To Date

[Submit](#)

Park Ticketing Management System @ 2024. All right reserved

View Between Dates Report of ticket generating (Foreigner)

PTMS ADMIN

Dashboard [Home](#) / [Dashboard](#)

Dashboard

Manage Type Ticket

Normal Ticket

Foreigners Ticket

Reports

Search

Between Dates Reports

Between Dates Report from 2024-04-05 to 2024-04-20 of Ticket Generating

S.NO	Ticket ID	Generating Ticket Date	Action
1	769051665	2024-04-12 14:06:48	View
2	760710697	2024-04-12 14:06:56	View
3	785821342	2024-04-12 14:07:07	View
4	119897197	2024-04-12 14:07:16	View

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Ticket Search (Normal)

PTMS ADMIN

Dashboard [Home](#) / [Dashboard](#)

Dashboard

Manage Type Ticket

Normal Ticket

Foreigners Ticket

Reports

Search

Search by Ticket ID

Ticket ID

Search

Result against "652310096" keyword

S.NO	Ticket ID	Generating Ticket Date	Action
1	652310096	2024-04-12 14:09:18	View

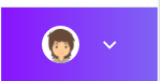
Park Ticketing Management System @ 2024. All right reserved

No sneakers or headphones are allowed in

Ticket Search (Foreigner)

PTMS ADMIN

- Dashboard
- Manage Type Ticket
- Normal Ticket
- Foreigners Ticket
- Reports
- Search



Search by Ticket ID

Result against "769051665" keyword

S.NO	Ticket ID	Generating Ticket Date	Action
1	769051665	2024-04-12 14:06:48	View

Conclusion

The project titled as **Park Ticketing Management System** was deeply studied and analyzed to design the code and implement. It was done under the guidance of the experienced project guide. All the current requirements and possibilities have been taken care during the project time.

Park Ticketing Management System is a web based application which manages and handles the people ticket who visited in the park.

Bibliography

For PHP

- <https://www.w3schools.com/php/default.asp>
- <https://www.sitepoint.com/php/>
- <https://www.php.net/>

For MySQL

- <https://www.mysql.com/>
- <http://www.mysqltutorial.org>

For XAMPP

- <https://www.apachefriends.org/download.html>