

INTERDISCIPLINARY PROJECT REPORT

Sathyabama Institute of Science and Technology (Deemed to be University)

Submitted in partial fulfillment of the requirements for the award of
Bachelor of Engineering Degree in Computer Science and Engineering

By

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(Reg.No.40110287)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SCHOOL OF COMPUTING

SATHYABAMA

**INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

**Accredited with Grade "A" by NAAC | 12 B Status
by UGC | Approved by AICTE
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI – 600119**

APRIL 2023



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **DANDUBOINA VENKATA MAHESH BABU (40110287)** who carried out the project entitled **"REAL ESTATE MANAGEMENT SYSTEM"** under my supervision from FEB 2023 to APRIL 2023.

Internal Guide

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Head of the Department

Dr.L.Lakshmanan M.E., Ph.D

Submitted for Viva voce Examination held on _____

Internal Examiner

External Examiner

DECLARATION

I, **DANDUBOINAVENKATAMA HESH BABU (Reg.No-40110287)**, hereby declare that the Project Report entitled **REAL ESTATE MANAGEMENT SYSTEM** Done by me under the guidance of **Mrs.R.LALITHA M.E** at **HCL** is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering degree in Computer Science and Engineering.

DATE:

PLACE:

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management of SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. T. Sasikala M.E., Ph.D., Dean**, School of Computing **Dr.L.Lakshmanan M.E., Ph.D.**, Head of the Department of Computer Science and Engineering for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide **Mrs.R.LALITHA M.E** for her valuable guidance, suggestions and constant encouragement paved way for the successful completion of my projectwork.

I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Computer Science and Engineering** who were helpful in many ways for the completion of the project.

TRAINING CERTIFICATE

ABSTRACT

Real Estate Management System – is an Estate Agent and Property Management System is a user friendly contact and property manager for real estate professionals. Save time and sell more by empowering to easily keep track of leads, manage listings, and market to new prospects. Real Estate Management System is complete end to end solution to cover all aspects of Estate Agent day to day activity and Property buying selling procedure for small and large organization. The basic objective of developing this project is: Maintain client details line contact details, required property details, client type like residential and commercial client. Price limit. Preference. Maintain property details, registration of property for sale includes property address, property description, price, facilities available. Store property floor plan, property documents. Creation of thumbnail of property images for brochure. System has powerful logical access management in place, each user must be identified by login id and strict password policy is applied to secure the system

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CHAPTER 1

INTRODUCTION

1.1 Project purpose

This website is an Online real estate business website through which a user can access its information and manage all the adding, updating, deleting the assets and some of its tasks.

The Admin user can change the update the information regarding property selling and buying and cancellation. The system is very useful for the companies who developed apartments, hotels, villa, residential properties and commercial properties. Companies or individual agents can also advertise their property.

1.2 Project scope

The real of World Wide Web have spread across millions of household, so naturally, Internet has become by far the best platform for real estate marketing today. Now days when everything is online, how is it possible that real estate left web application behind. There are lots of real estate companies who advertise their property online so idea behind developing this application is that their property can also sell, or buy rental property using this. These applications are not widely popular but in future, they have large scope of growth.

This website is a online real estate management through which individual agents or buyer can maintain their property document keeping and managing property registration and also access its information and manage all the adding, updating, deleting the as and some of its tasks. The Admin user can inform their agents for regarding to property and update the information regarding property and cancellation of property or changing buyer choice.

The system is very useful for the companies or builders that can post and edit their properties and their personal info and admin can monitor records of all of them. The system is also useful which also keeps track of Account details of buyers and Investors and also RES Industry.

1.3 Project Objectives

The system should have a login. A login box should appear when the system is invoked.

The Admin should have all the type of authority.

The Admin should maintain property .Admin identify property type as it is residential or commercial property.

The Admin user can inform their agents for regarding to property and update the information regarding property and cancellation of property or changing buyer choice.

The user should book the property for sell or rent with detail of property.

The system is very useful for the companies or builders that can post and edit their properties and their personal info and admin can monitor records of all of them.

The system is also useful which also keeps track of Account details of buyers and Investors and also RES Industry.

1.4 Project Goals

Planned approach towards working: - The working in the organization will be well planned and organized. The data will be stored properly in data stores, which will help in retrieval of information as well as its storage.

Accuracy: - The level of accuracy in the proposed system can not be decided. Because here user buy and another user build the home. There is no guarantee.

Reliability: - The reliability of the proposed system will be high due to the above stated reasons. The reason for the increased reliability of the system is that now there would be proper storage of information.

CHAPTER 2

SYSTEM REQUIREMENT SPECIFICATIONS

2.1 Scope:

The real of World Wide Web have spread across millions of household, so naturally, Internet has become by far the best platform for real estate marketing today.

Now a days when everything is online, how is it possible that real estate left web application behind? There are lots of real estate companies who advertise their property online so idea behind developing this application is that their property can also sell, or buy or even rent property using this. These applications are not widely popular but in future, they have large scope of growth.

This website is an online real estate management through which individual agents or buyer can maintain their property document keeping and managing property registration and also access its information and manage all the adding, updating, deleting the ads and some of its tasks. The Admin user can inform their agents for regarding to property and update the information regarding property and cancellation of property or changing buyer choice.

The system is very useful for the companies or builders that can post and edit the information of their properties and their personal info and admin can monitor records of all of them. The system is also useful which also keeps track of Account details of buyers and Investors and also RES Industry.

2.2 Objectives

The system should have a login. A login box should appear when the system is invoked.

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The user should book the property for sell or rent with detail of property.

The system is very useful for the companies or builders that can post and edit their properties and their personal info and admin can monitor records of all of them.

The system is also useful which also keeps track of Account details of buyers and Investors and also RES Industry.

2.3 Overall description:

2.3.1 Product Prospective:

Real Estate Management System is a project which provides the facility where users can easily buy, sale and rent their properties such as land, houses and shops. In this project we use PHP and MySQL database. It has two modules.

1. Admin Module
2. User Module
 - a. Property Owner
 - b. Broker
 - c. Buyer(Simple user)

Admin Module

1. Dashboard: In this section, admin can see all detail in brief like total property type, total country, total state, total city, total agent, total owner, total buyer(user) ant total property listed.
2. Property Type: In this section, admin can manage property type (add/update).
3. Country: In this section, admin can manage country (add/update).
4. State: In this section, admin can manage state (add/update).
5. City: In this section, admin can manage city (add/update).
6. Owner: In this section, admin can view the detail of owners.
7. Agents: In this section, admin can view the detail of agents.
8. User: In this section, admin can view the detail of user.
9. List of properties: In this section, admin can view details of property listed,
10. Reviews: In this section admin, can view reviews and also approved, disapproved and delete the reviews which is given by users.
11. Pages: In this section, admin can manage about us and contact us pages.
12. Search Property: In this section admin, can search the listed property by its property id, name and mobile number.

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

User Module

a. Property Owner

1. **Home Page:** Owner can view the home page of real estate management system
2. **About:** Owner can view about us page.
3. **Properties:** Owner can view own and other owner properties they can view property type wise, Status wise and city wise.
4. **Contact us:** Owner can view contact us page.
5. **My Account:** In this there is three section:

a. User Profile

In this section owner do the following activity

- i. **Edit Profile:** Owner can edit his/her own profile.
- ii. **Change Password:** Owner can change his/her own password.
- iii. **Add Property:** Owner can add his/her own property.
- iv. **My Properties:** Owner can see his/her own listed properties.
- v. **Received Enquiries:** Owner can view receive enquiries against his/her own listed properties and also answer the enquiries.
- vi. **Answer Enquiries:** Owner can views answer enquiries.
- vii. **Logout:** Owner can logout from own account.

b.Change Password: Owner can change his/her own password.

c. Logout: Owner can logout from own account.

b. Agents

1. **Home Page:** Agents can view the home page of real estate management system.
2. **About:** Agents can view about us page.
3. **Properties:** Agents can view own and other owner properties they can view property type wise, Status wise and city wise.
4. **Contact us:** Agents can view contact us page.
5. **My Account:** In this there is three section:

a. User Profile

In this section Agents do the following activity

- I. **Edit Profile:** Agents can edit his/her own profile.
- ii. **Change Password:** Agents can change his/her own password.
- lii. **Add Property:** Agents can add his/her own property.
- lv. **My Properties:** Agents can see his/her own listed properties.
- V. **Received Enquiries:** Agents can view receive enquiries against his/her own listed properties and also answer the enquiries.
- Vi. **Answer Enquiries:** Agents can views answer enquiries.
- vii. **Logout:** Agents can logout from own account.

b.Change Password: Agents can change his/her own password.

c. Logout: Agents can logout from own account.

c.Buyer(simple user)

1. **Home Page:** User can view the home page of real estate management system
2. **About:** User can view about us page.
3. **Properties:** User can view properties they can view property type wise, Status wise and city wise and put his/her enquiries against any property
4. **Contact us:** User can view contact us page.

2.3.2 Product Functions:

Our system must save time and money: Accurate upfront software requirements definition helps ensure your team works on the business problems that matter most.

Reduce rework: Early validation and agreement by stakeholder's means development and quality teams spend less time on rework.

Improve requirement accuracy: Industry-unique collaborative storyboarding improves accuracy by promoting effective communication.

2.3.3 Assumptions and Dependencies:

Assumptions:

The code should be free with compilation errors/syntax errors.

The product must have an interface which is simple enough to understand.

Dependencies:

All necessary hardware and software are available for implementing and use of the tool.

The proposed system would be designed, developed and implemented based on the software requirements specifications document.

End users should have basic knowledge of computer and we also assure that the users will be given software training documentation and reference material.

The system is not required to save generated reports.

2.4 Specific Requirements:

Software requirements:

Any Version of browser after Mozilla Firefox 4.0, Internet Explorer 6.0
Adobe Flash Player 10.0

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

2.5 Functional and Non-Functional Requirements:

Functional Requirements:

Since this project uses database and control, it needs the retrieval of information

From the database. It needs access of Database from a front end, as ASP.net is a Microsoft Family product, it provides easy linking to the database, along with the flexibility required to develop a user-friendly front end.

Functional Requirements:

Usability: The interface should use terms and concepts, which are drawn from the experience of the people who will make most of the system.

Efficiency: The system must provide easy and fast access without consuming more cost.

Reliability: User should never be surprised by the behavior of the system and it's easy to use to stored data and easy to used transfer voice data (only .wav files)

2.6 System attributes:

Reliability

This system is designed to have very simple database just to cater the exact need of real estate management. It is tested for all the constraints at development stage.

Availability

This system will only available till the system on which it is installed is running.

Security

This system is provided with authentication without which no user can pass. So only the legitimate users are allowed to use the application. If the legitimate users share the authentication information then the system is open to outsiders.

Maintainability

There will be no maintenance required for the software. The database is provided by the end-user and therefore is maintained by this user.

Portability

The system is not portable as it is a standalone application running on single system with no shared database.

CHAPTER 3

SYSTEM DESIGN

3.1 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.

This view represents the system from the user's perspective.

The analysis representation describes a usage scenario from the end-users perspective.

Structural User Model View

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

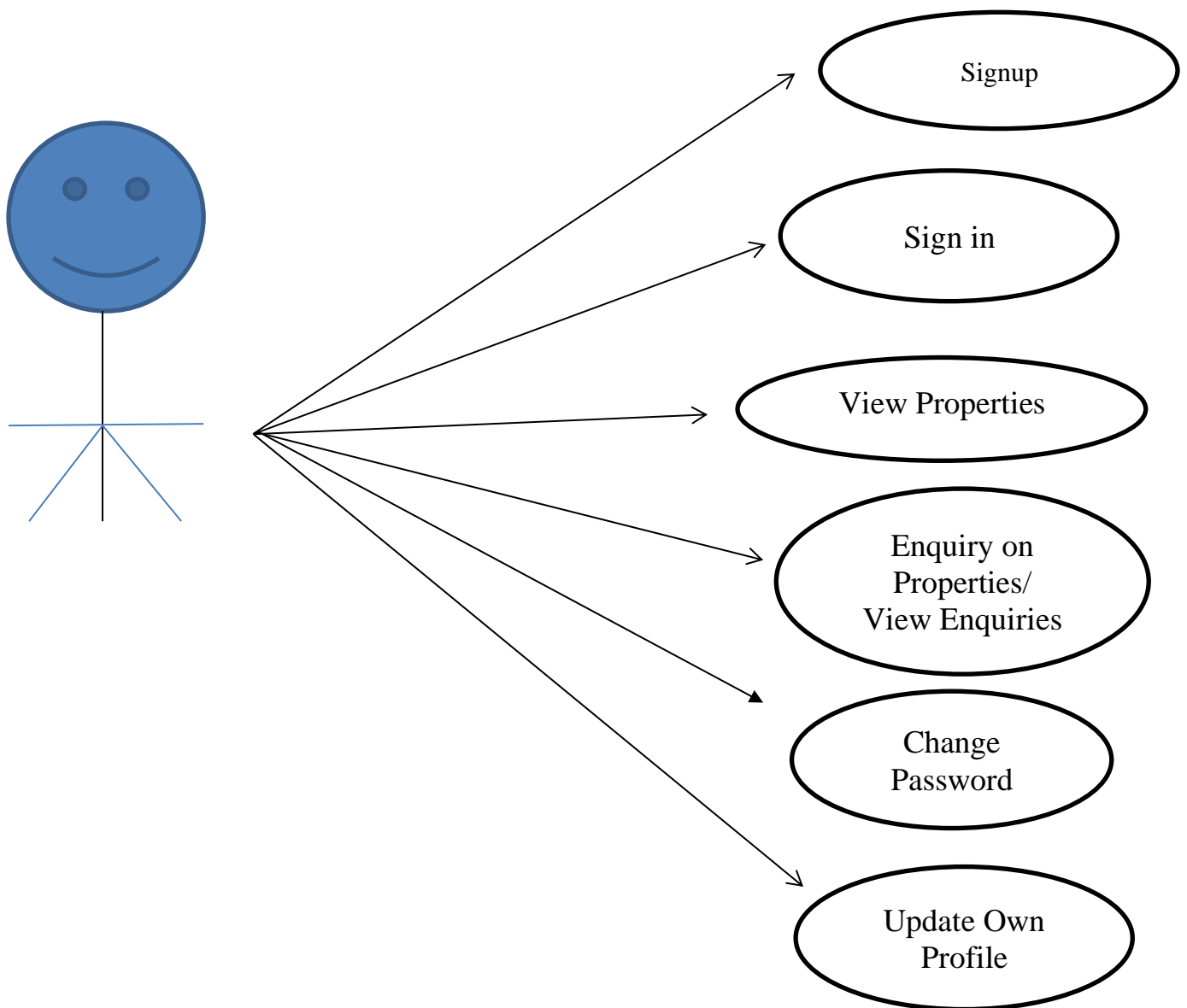
In this the structural and behavioural aspects of the environment in which the system is to be implemented are represented.

UML is specifically constructed through two different domains they are

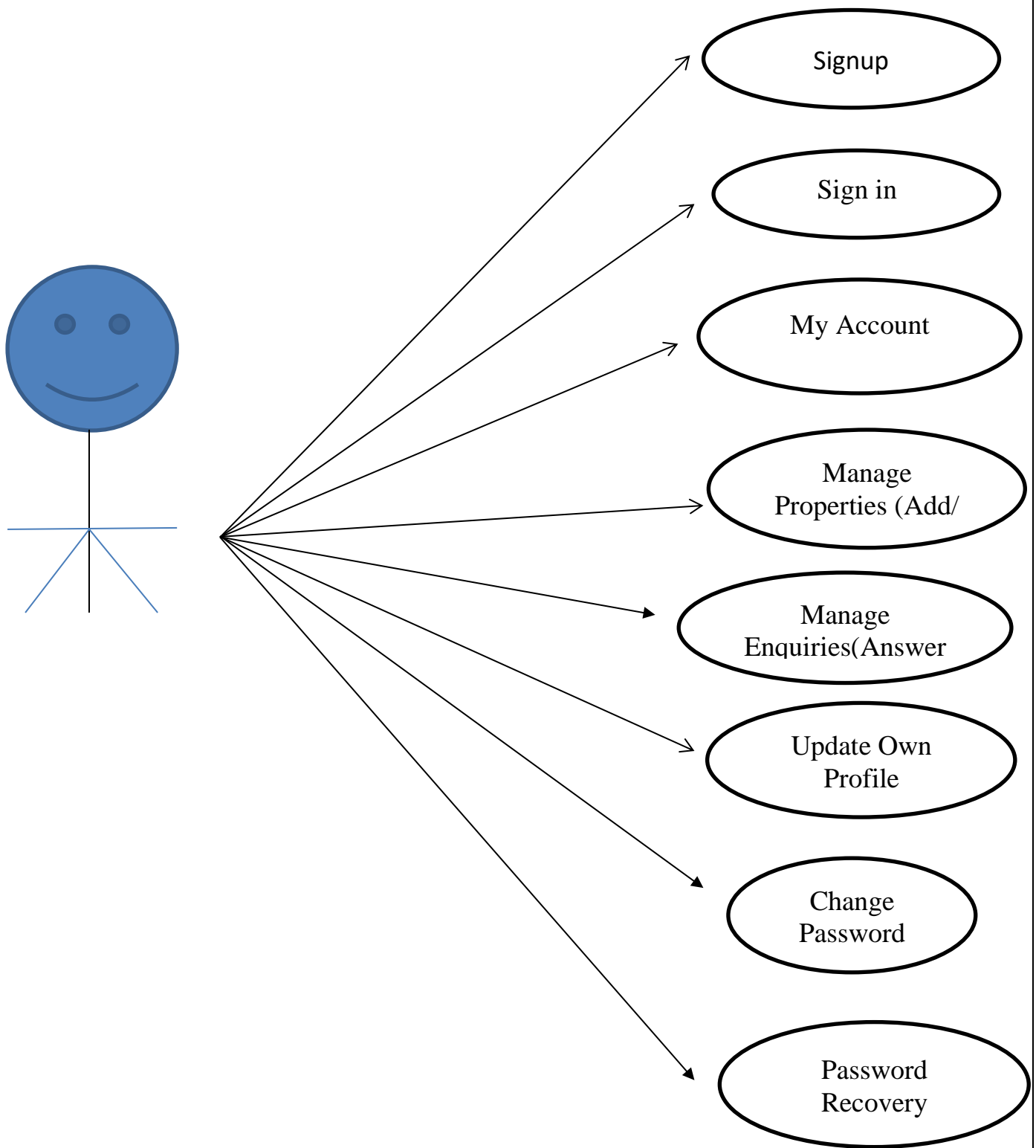
UML Analysis modelling, which focuses on the user model and structural model views of the system?

UML design modeling, which focuses on the behavioral modeling, implementation modeling and environmental model views

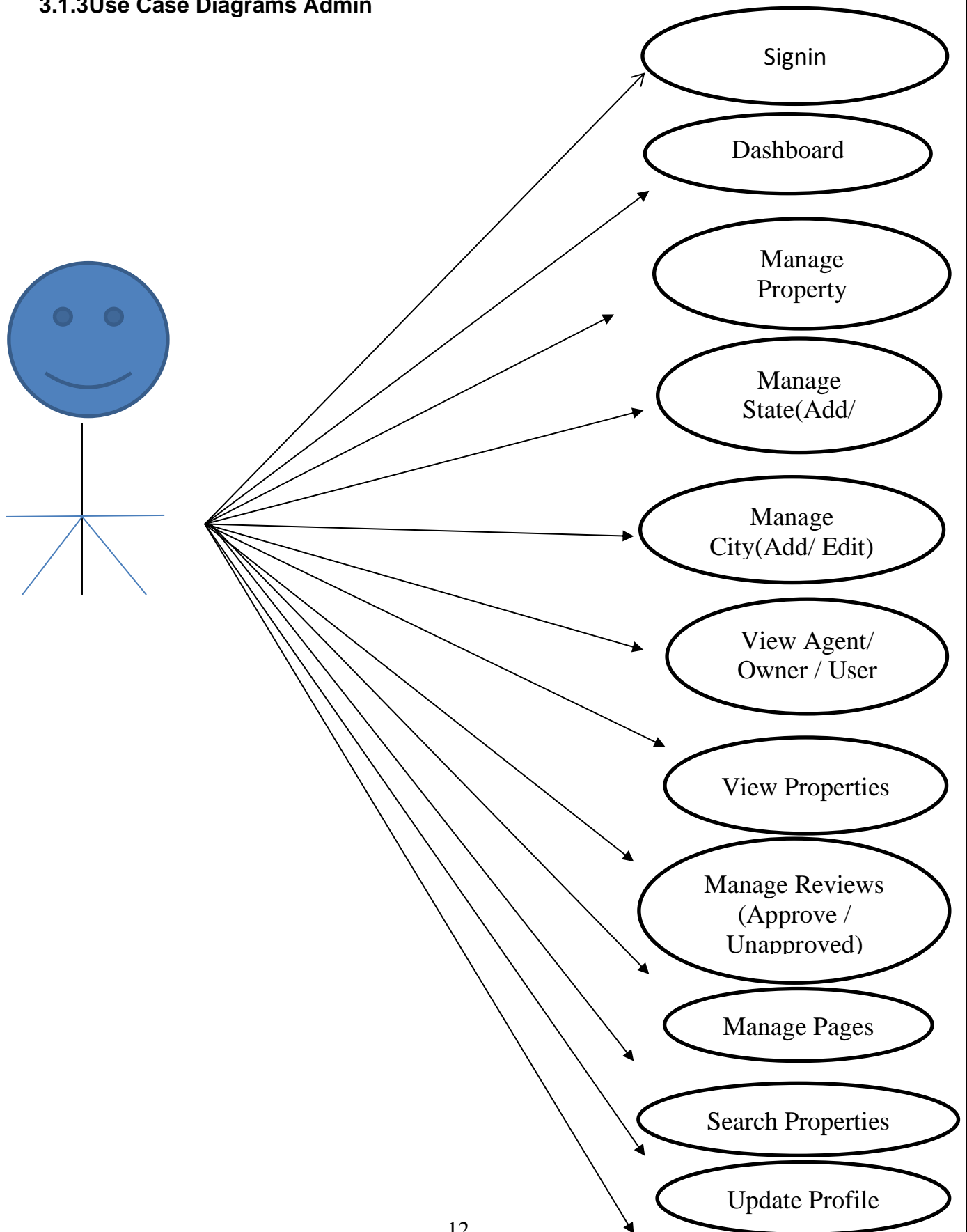
3.1.1 Case Diagram of User



3.1.2 Case Diagram of Broker/ owners



3.1.3 Use Case Diagrams Admin



Change
Password

3.1.4 ENTITY-RELATIONSHIP DIAGRAMS

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

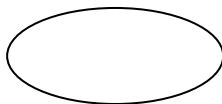
The symbols used in E-R diagrams are:

SYMBOL

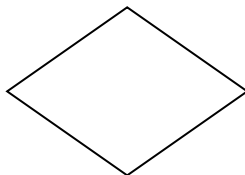
PURPOSE



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.

3.2 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.


Real Estate Management System (erms) contains 10 MySQL tables :

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(11)			No	None		AUTO_INCREMENT
2	AdminName	varchar(50)	latin1_swedish_ci		Yes	NULL		
3	AdminuserName	varchar(50)	latin1_swedish_ci		Yes	NULL		
4	Password	varchar(45)	latin1_swedish_ci		Yes	NULL		
5	AdminRegdate	timestamp			Yes	CURRENT_TIMESTAMP		


3.2.1 admin table Structure : This table store the login details of admin.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	CountryName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	EnterDate	timestamp			No	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()


3.2.2 country table Structure: This table stores the country details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	CountryID	int(5)			Yes	NULL		
3	StateName	varchar(120)	latin1_swedish_ci		Yes	NULL		
4	EnterDate	timestamp			No	current_timestamp()		


3.2.3 state table Structure: This table stores the state details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	CountryID	int(5)			Yes	NULL		
3	StateID	int(5)			No	None		
4	CityName	varchar(120)	latin1_swedish_ci		Yes	NULL		
5	EnterDate	timestamp			No	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()


3.2.4 city table Structure: This table stores the city details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	FullName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	Email	varchar(120)	latin1_swedish_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Password	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	UserType	int(5)			Yes	NULL		
7	PostingDate	timestamp			Yes	current_timestamp()		
8	Aboutme	mediumtext	latin1_swedish_ci		No	None		
9	UpdationDate	timestamp			No	0000-00-00 00:00:00		ON UPDATE CURRENT_TIMESTAMP()


3.2.5 user table Structure: This table stores the user personal and login details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	PropertType	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	EnterDate	timestamp			Yes	current_timestamp()		


3.2.6 propertytype table Structure: This table stores the property type details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	UserID	char(20)	latin1_swedish_ci		Yes	NULL		
3	Property Title	mediumtext	latin1_swedish_ci		Yes	NULL		
4	PropertDescription	mediumtext	latin1_swedish_ci		Yes	NULL		
5	Type	varchar(50)	latin1_swedish_ci		Yes	NULL		
6	Status	varchar(100)	latin1_swedish_ci		Yes	NULL		
7	Location	varchar(200)	latin1_swedish_ci		Yes	NULL		
8	Bedrooms	varchar(200)	latin1_swedish_ci		Yes	NULL		
9	Bathrooms	varchar(200)	latin1_swedish_ci		Yes	NULL		
10	Floors	varchar(200)	latin1_swedish_ci		Yes	NULL		
11	Garages	varchar(200)	latin1_swedish_ci		Yes	NULL		
12	Area	varchar(50)	latin1_swedish_ci		Yes	NULL		
13	Size	varchar(50)	latin1_swedish_ci		Yes	NULL		
14	RentorsalePrice	varchar(120)	latin1_swedish_ci		Yes	NULL		
15	BeforePricelabel	varchar(120)	latin1_swedish_ci		Yes	NULL		
16	AfterPricelabel	varchar(120)	latin1_swedish_ci		Yes	NULL		
17	PropertyID	varchar(120)	latin1_swedish_ci		Yes	NULL		
18	CenterCooling	int(4)			Yes	NULL		
19	Balcony	int(4)			Yes	NULL		
20	PetFriendly	int(4)			Yes	NULL		
21	Barbeque	int(4)			Yes	NULL		
22	FireAlarm	int(4)			Yes	NULL		
23	ModernKitchen	int(4)			Yes	NULL		
24	Storage	int(4)			Yes	NULL		
25	Dryer	int(4)			Yes	NULL		
26	Heating	int(4)			Yes	NULL		
27	Pool	int(4)			Yes	NULL		
28	Laundry	int(4)			Yes	NULL		
29	Sauna	int(4)			Yes	NULL		
30	Gym	int(4)			Yes	NULL		
31	Elevator	int(4)			Yes	NULL		
32	DishWasher	int(4)			Yes	NULL		
33	EmergencyExit	int(4)			Yes	NULL		
34	FeaturedImage	varchar(200)	latin1_swedish_ci		Yes	NULL		
35	GalleryImage1	varchar(200)	latin1_swedish_ci		Yes	NULL		
36	GalleryImage2	varchar(200)	latin1_swedish_ci		Yes	NULL		
37	GalleryImage3	varchar(200)	latin1_swedish_ci		Yes	NULL		
38	GalleryImage4	varchar(200)	latin1_swedish_ci		Yes	NULL		
39	GalleryImage5	varchar(200)	latin1_swedish_ci		Yes	NULL		
40	Address	varchar(200)	latin1_swedish_ci		Yes	NULL		
41	Country	varchar(200)	latin1_swedish_ci		Yes	NULL		
42	City	varchar(220)	latin1_swedish_ci		Yes	NULL		
43	State	varchar(200)	latin1_swedish_ci		Yes	NULL		
44	ZipCode	varchar(200)	latin1_swedish_ci		Yes	NULL		
45	Neighborhood	varchar(200)	latin1_swedish_ci		Yes	NULL		
46	ListingDate	timestamp			Yes	current_timestamp()		


3.2.7 property table Structure: This table stores the full property details.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(11)			No	None		AUTO_INCREMENT
2	PropertyID	int(10)			No	None		
3	FullName	varchar(200)	latin1_swedish_ci		No	None		
4	Email	varchar(200)	latin1_swedish_ci		No	None		
5	MobileNumber	bigint(10)			No	None		
6	Message	mediumtext	latin1_swedish_ci		No	None		
7	EnquiryNumber	varchar(200)	latin1_swedish_ci		No	None		
8	EnquiryDate	timestamp			No	current_timestamp()		
9	Status	varchar(10)	latin1_swedish_ci		Yes	NULL		
10	Remark	varchar(200)	latin1_swedish_ci		Yes	NULL		
11	RemarkDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

3.2.8 enquiry table Structure: This table stores the property enquiries.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(11)			No	None		AUTO_INCREMENT
2	UserId	int(11)			No	None		
3	PropertyId	int(11)			No	None		
4	UserRemark	mediumtext	latin1_swedish_ci		No	None		
5	PostingDate	timestamp			Yes	current_timestamp()		
6	Is_Publish	int(1)			Yes	NULL		

3.2.9 feedback table Structure: This table stores the property reviews.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID 	int(10)			No	None		AUTO_INCREMENT
2	PageType	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	PageTitle	mediumtext	latin1_swedish_ci		Yes	NULL		
4	PageDescription	mediumtext	latin1_swedish_ci		Yes	NULL		
5	Email	varchar(120)	latin1_swedish_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	UpdateDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

3.2.10 Page Table Structure: This table stores the pages information.

3.3 Class Diagram:

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

Test cases:

Register	
Test Engineers:	Shahzeb, Mariam, Sameed Khan, Asad
Test Case No:	TC1
Date:	02-03-2017
Purpose:	To Selle
Pre-Req:	None
Test Data:	Username = Ali, email = <u>Asad@gmail.com</u> , gender = male, phone no = 03233433344, password = pass786, confirm password = pass786
Steps:	1.Browse the Website 2.Enter the required information for the register 3. Click sign up button
Status:	Pass

Add Property	
Test Case No:	TC3
Date:	02-03-2017
Purpose:	Seller has authority to Add property
Pre-Req:	Seller must login
Test Data:	Purpose =sell, property type = home, property subtype = house, city = Rawalpindi, location = 6 road commercial market rawalpindi, price = 12000000, title = house to sell, description =2-floor house with all facilities, bedrooms = 6,bathrooms = 3, images = 3
Steps:	1.Browse the Website
	2. Click on the add property button
	3.Enter the details to add the property
	4. Click submit button
Status:	Pass

Manage profile	
Test Case No:	TC4
Date:	02-03-2017
Purpose:	Authentication Seller/Admin can manage his/her profile
Pre-Req:	Seller/Admin must log in
Test Data:	Username = Sameed Khan, password = sameed321, new password = sameed786786
Steps:	<ol style="list-style-type: none"> 1. Browse the Website 2. Login with user name or email and password 3. Click on a user dashboard 4. Click on view profile to view it. 5. Click on edit personal information 6. Edit the required personal information. 7. Click on submit button 8. Click on the change password button 9. Change the password. 10. Click on submit button
Status:	Pass

Manage property		
Test Case No:	TC5	
Date:	02-03-2017	
Purpose:	Authentication Seller can manage his/her property	
Pre-Req:	The seller must log in	
Test Data:	Purpose = rent, price = 12300000 , area = 8 , area unit = marla	
Steps:	<ol style="list-style-type: none"> 1. Browse the Website 2. Login with user name or email and password 3. Click on the user dashboard 4. Click on view property button to view the property. 5. Click on the edit button 6. Edit the required property details. 	

	7. Click on submit button 8. Click on the delete button to delete the property
Status:	Pass

Create alert	
Test Case No:	TC6
Date:	02-03-2017
Purpose:	Seller can create alert
Pre-Req:	Seller must Login
Test Data:	Purpose = bid, property type = plot, city = Islamabad, price = 3500000, area = 8 marla
Steps:	1.Browse the Website 2.Login with user name or email and password 3.Click on user dashboard 4.Click on create alert 5.Fulfill the details of the property 6.Click Submit
Status:	Pass

Notifications	
Test Case No:	TC8
Date:	02-03-2017
Purpose:	Seller/ Admin view the notifications
Pre-Req:	Seller/ Admin must login
Test Data:	Seller/ Admin checking notifications
Steps:	1.Browse the Website 2.Login with user name or email and password 3.Click on user dashboard 4.Click on notification 5.View the notifications
Status:	Pass

Search	
---------------	--

Test Case No:	TC11
Date:	02-03-2017
Purpose:	Buyer can search the property
Pre-Req:	None
Test Data:	Purpose = sell, property type = home, property subtype = flat, city = Islamabad, location G-11/4 Islamabad, min price = 4200000, max price = 10000000
Steps:	1.Browse the Website 2.Fulfill the details 3. Click search button
Status:	Pass
View all users	
Test Case No:	TC12
Date:	02-03-2017
Purpose:	Admin can manage all the users
Pre-Req:	Admin must be Login
Test Data:	Admin view and can delete
Steps:	1.Browse the Website 2.Enter id and password 3.Click Dashboard 4. Click on view users 5.View all users list 6. Click on the delete button to delete any user
Status:	Pass

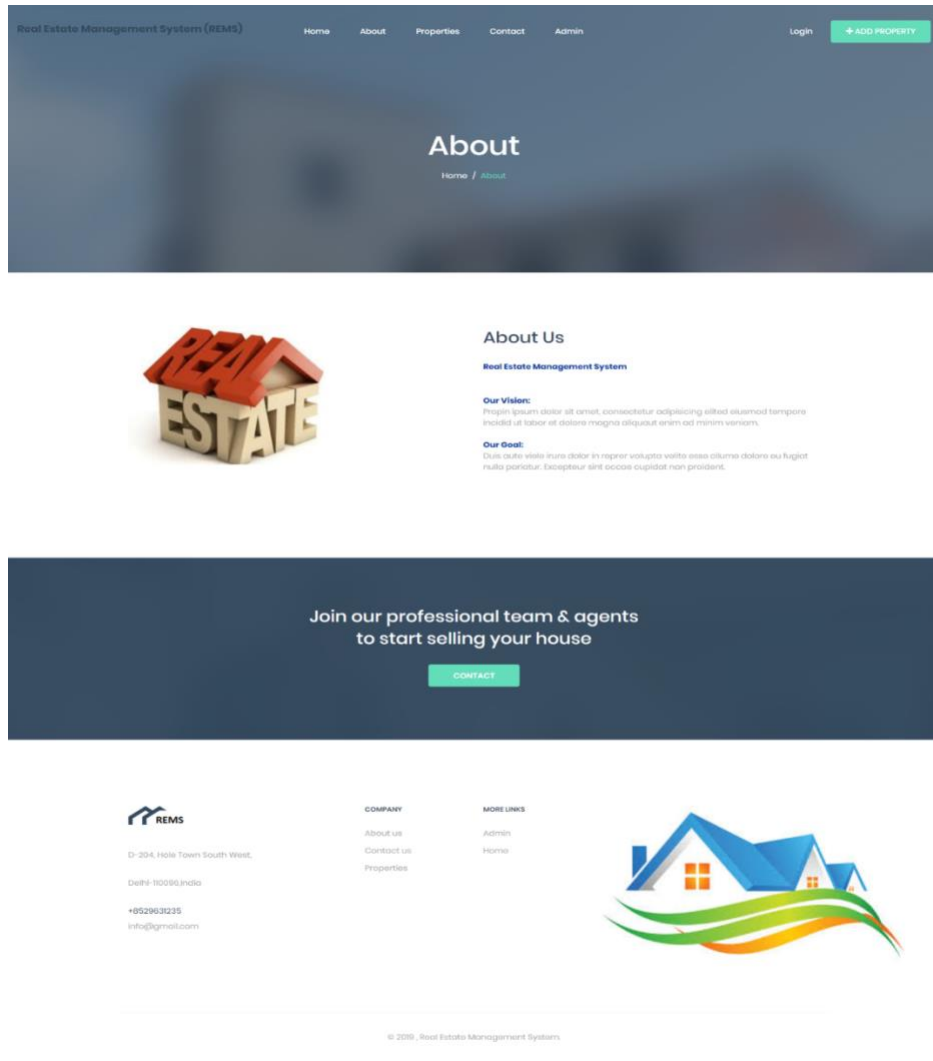
Add Item (to add property form)	
Test Case ID:	TC13
Date:	02-03-2017
Purpose:	Admin can add the item to add property form
Pre-Req:	Admin must log in first

Test Data:	Purpose = bid, property subtype = penthouse , city = Quetta
Steps:	1.Browse the Website 2.Enter user name and password 3.Open dashboard 4. Click add items 5.Enter the item 6. Click on submit button
Status:	Pass

CHAPTER 5

RESULT AND DISCUSSION

Home page:



Property page:

Find Your Favorite Property

Select City

Select Property Type

Select Any Status

SEARCH

Property Type

- > Apartments
- > Houses
- > Villas

Property Status

- > Sale
- > Rent

Property By City

- > Patna
- > Delhi
- > Aigarh
- > Varanasi
- > Queens



2 BHK Builder Floor

Utam Nagar, Patna Bihar India

24.1 Lac

Beds: 2 Baths: 2 Area: 620 sq ft



3 BHK 800 Sq-Ft Flat

Sector 24, Delhi Delhi/HR India

68 lack

Beds: 3 Baths: 2 Area: 800 sqft



1 Bedroom 1 Bath

Sector 24, Gurgaon, Haryana, India

43 Lac

Beds: 1 Baths: 1 Area: 67 sq. Meter



5 Bedrooms 7 Baths

A Block, Suvarna Lok Prasad - 1 Varanasi Uttar Pradesh India

5.99 cr

Beds: 5 Baths: 7 Area: 250.84 sq meter



5 BHK Residential House 4830 Sqft

D-510, Gurgaon Tokyo Japan

45000

Beds: 5 Baths: 5 Area: 4830 sq ft

1 2 3 ... >

Join our professional team & agents
to start selling your house

CONTACT



D-204, Hote Town South West,
Delhi- 80096, India
+8529631235
info@gmail.com

COMPANY

About us
Contact Us
Properties

MORE LINKS

Admin
Home



Mortgage Calculation

Calculator

Sale Price	200000
Down Payment	80000
Actual Payment	120000
Term	3
Interest Rate	12
Interest	14400
Actual Payment + Interest	134400
EMI	3733.3333333333

User Register

Real Estate Management System (REMS)

Home About Properties Contact Admin

Login Signup

REMS

Full Name

Email Address

Mobile Number

Password

☐ Broker ☐ Owner ☐ User

REGISTER

User Login

Real Estate Management System (REMS)

Home About Properties Contact Admin

Login Signup

REMS

Email Address

Password

SIGN IN

[forget your password?](#)

Property Listed

My Properties

[Home](#) / [My Properties](#)

Edit Profile

[Change Password](#)
[Add Property](#)
[My Properties](#)
[Received Enquiry](#)
[Answered Enquiries](#)
[Logout](#)

2 BHK Builder Floor

Uttam Nagar, Patna 81

24.1 Lac**Beds:** 2 **Baths:** 2 **Area:** 520 sq ft[Edit](#)

1 Bedroom 1 Bath

Sector Xu-1 Old Noida, Aligarh, U.P. Aligarh 201

43 Lac**Beds:** 1 **Baths:** 1 **Area:** 67 Sq. Meter[Edit](#)

5 Bedrooms 7 Baths

A Block, Sushant Lok Phase - 1 Vasant Vihar 201

5.99 cr**Beds:** 5 **Baths:** 7 **Area:** 250.84 sq mtr[Edit](#)[1](#) [2](#) [3](#) [...](#) [>](#)

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NEWSLETTER



GET IN TOUCH



REMS

Please enter your user information.

Sign in

Forgot Password

Back to Home

Dashboard

REMS

MENU

Dashboard

Property Type

Country

State

City

Owner

Agents

Users

List of Properties

Reviews

FEATURES

Pages

Currency

Dashboard

Dashboard > Admin Dashboard

Total Property Type

5

View Details

Total Country

18

View Details

Total State

18

View Details

Total City

16

View Details

Total Agents Listed

1

View Details

Total Owners Listed

1

View Details

Total Users

1

View Details

Total Property Listed

5

View Details

Admin Profile

REMS

MENU

Dashboard

Property Type

Country

State

City

Owner

Agents

Users

List of Properties

Reviews

FEATURES

Pages

Currency

Admin Profile

Dashboard > Admin Profile

Admin Profile

Admin Name

Admin

User Name

admin

Contact Number

8989898980

Email address

admin@gmail.com

Admin Registration Date

2019-08-05 12:45:32

Submit

Change Password

REMS

MENU

Dashboard

Property Type

Country

State

City

Owner

Agents

Users

List of Properties

Reviews

FEATURES

Pages

Currency

Change Password

Dashboard > Change Password

Change Password

Current Password

New Password

Confirm Password

Change

30

Search Property

REMS

MENU

Dashboard

Property Type

Country

State

City

Owner

Agents

Users

List of Properties

Reviews

FEATURES

Pages

Search Properties

Dashboard > Search Properties

Search Properties

Search by Property ID/Name/Mobile No.:

Search

Result against "8596234569" keyword

S.NO	Property ID	Property Title	Full Name	Mobile Number	Listing Date	Action
1	629126491	2 BHK Builder Floor	Test	8596234569	2019-08-09 11:10:47	View
2	118245832	1Bedroom 1Bath	Test	8596234569	2019-08-13 12:36:39	View
3	869693774	5Bedrooms 7Baths	Test	8596234569	2019-08-13 12:46:24	View

Forgot Password

REMS

Please enter your user information.

Your Email

Mobile Number

Reset

Sign In

Reset Password

REMS

Please enter your user information.

New Password

Confirm Password

Reset

Sign In

CHAPTER 6

CONCLUSION AND DISCUSSION

1. Self-Analysis of Project Viabilities

Definitely, it's cheaper to use online Mobile shopping for both personal and business use because most of it is usually free.

2. Problem Encountered and Possible Solutions

Hardware Limitations

The only limitation posed is when the disk space is exhausted. And it can be solved by extending the disk space.

Internet speed

Internet connection speed should be minimum 128 kbps.

3. Summary of Project work

In whole procedure to prepare project, we first gather the requirement of the project and decide the time schedule. After planning we design the documentation of project. After the design we generate the code of system. In design the code we do the error estimation and effort estimation. If error is occur then solve it. Finally when code is designed then test the project and decide the cost of project.

CHAPTER 7

SOURCE CODE:

INDEX.PHP:

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
?>
<!DOCTYPE html>
<html dir="ltr" lang="en-US">

<head>

    <!-- Fonts
    ===== -->
    <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,
600i,700,700i,800,800i%7CPoppins:100,100i,200,200i,300,300i,400,400i,500,500i,
600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
    <!-- Stylesheets
    ===== -->
    <link href="assets/css/external.css" rel="stylesheet">
    <link href="assets/css/bootstrap.min.css" rel="stylesheet">
    <link href="assets/css/style.css" rel="stylesheet">
    <!-- HTML5 shim, for IE6-8 support of HTML5 elements. All other JS at the
end of file. -->
    <!--[if lt IE 9]>
        <script src="assets/js/html5shiv.js"></script>
        <script src="assets/js/respond.min.js"></script>
    <![endif]-->

    <!-- Document Title
    ===== -->
    <title> Real Estate Management System||Home Page</title>
</head>

<body>
    <!-- Document Wrapper
    ===== -->
    <div id="wrapper" class="wrapper clearfix">
        <?php include_once('includes/header.php');?>
        <!-- Hero Search
    ===== -->
        <section id="heroSearch" class="hero-search mtop-100 pt-0 pb-0">
```

```

<div class="container">
    <div class="row">
        <div class="col-xs-12 col-sm-12 col-md-12">
            <div class="slider--content">
                <div class="text-center">
                    <h1>Find Your Favorite Property</h1>
                </div>
                <form class="mb-0" method="post" name="search"
action="property-search.php">
                    <div class="form-box search-properties">
                        <div class="row">
                            <div class="col-xs-12 col-sm-6 col-md-
3">

                                <div class="form-group">
                                    <div class="select--box">
                                        <i class="fa fa-angle-
down"></i>

                                            <select name="city"
id="city">

                                                <option value="">Select City</option>
                                                <?php
$query=mysqli_query($con,"select distinct City from tblproperty");
while($row=mysqli_fetch_array($query))
{
    <?>
                                <option value="<?php echo $row['City'];?>"><?php echo
$row['City'];?></option>
                                <?php } ?>

                                                </select>
                                            </div>
                                        </div>
                                    </div>
                                </div>
                                <!-- .col-md-3 end -->
                                <div class="col-xs-12 col-sm-6 col-md-
3">

                                    <div class="form-group">
                                        <div class="select--box">
                                            <i class="fa fa-angle-
down"></i>

                                                <select name="type"
id="type" required="true">

                                                    <option value="">Select Property
Type</option>

                                                    <?php
$query1=mysqli_query($con,"select * from tblpropertytype");
while($row1=mysqli_fetch_array($query1))
{
    <?>
                                <option value="<?php echo $row1['PropertType'];?>"><?php
echo $row1['PropertType'];?></option>
                                <?php } ?>

```

```

        </select>
        </div>
    </div>
<!-- .col-md-3 end -->
<div class="col-xs-12 col-sm-6 col-md-
3">

        <div class="form-group">
            <div class="select--box">
                <i class="fa fa-angle-
down"></i>

                <select name="status"
id="status" required="true">

                    <option value="">Select Any
Status</option>

                    <?php
$query2=mysqli_query($con,"select distinct Status from tblproperty");
while($row2=mysqli_fetch_array($query2))
{
    <?>
                    <option value="<?php echo
$row2['Status'];?>"><?php echo $row2['Status'];?></option>
                    <?php } ?>
                </select>
            </div>
        </div>
    </div>
<!-- .col-md-3 end -->
<div class="col-xs-12 col-sm-6 col-md-
3">

        <input type="submit"
value="Search" name="search" class="btn btn--primary btn--block">
    </div>

</div>
<!-- .row end -->
</div>
<!-- .form-box end -->
</form>
</div>
<!-- .container end -->
</div>
<!-- .slider-text end -->
</div>
<div class="carousel slider-navs" data-slide="1" data-slide-rs="1"
data-autoplay="true" data-nav="true" data-dots="false" data-space="0" data-
loop="true" data-speed="800">
    <!-- Slide #1 -->
    <div class="slide--item bg-overlay bg-overlay-dark3">

```

```

        <div class="bg-section">
            
        </div>
    </div>
    <!-- .slide-item end -->
    <!-- Slide #2 -->
    <div class="slide--item bg-overlay bg-overlay-dark3">
        <div class="bg-section">
            
        </div>
    </div>
    <!-- .slide-item end -->
    <!-- Slide #3 -->
    <div class="slide--item bg-overlay bg-overlay-dark3">
        <div class="bg-section">
            
        </div>
    </div>
    <!-- .slide-item end -->
</div>
</section>
<!-- #property-single-slider end -->

<!-- properties-carousel
===== -->
<section id="properties-carousel" class="properties-carousel pt-90 pb-
90">
    <div class="container">
        <div class="row">
            <div class="col-xs-12 col-sm-12 col-md-12">
                <div class="heading heading-2 text-center mb-70">
                    <h2 class="heading--title">Latest Properties</h2>
                    <p class="heading--desc">Duis aute irure dolor in
reprehend in voluptet velit esse dolore</p>
                </div>
                <!-- .heading-title end -->
            </div>
            <!-- .col-md-12 end -->
        </div>
        <!-- .row end -->
        <div class="row">
            <div class="col-xs-12 col-sm-12 col-md-12">
                <div class="carousel carousel-dots" data-slide="3"
data-slide-rs="2" data-autoplay="true" data-nav="false" data-dots="true" data-
space="25" data-loop="true" data-speed="800">
                    <!-- .property-item #1 -->
                    <?php

```

```

$query=mysqli_query($con,"select * from tblproperty order by rand() limit 9");
while($row=mysqli_fetch_array($query))
{
    ?>
        <div class="property-item">
            <div class="property--img">
                <a href="single-property-
detail.php?proid=<?php echo $row['ID'];?>">
                    "
width='380' height='300'>
                    <span class="property--status"><?php echo
$row['Status'];?></span>
                    </a>
                </div>
                <div class="property--content">
                    <div class="property--info">
                        <h5 class="property--title"><a
href="single-property-detail.php?proid=<?php echo $row['ID'];?>">
                            <?php echo $row['PropertyTitle'];?></a></h5>
                            <p class="property--location"><?php
echo $row['Address'];?>&nbsp;
                            <?php echo $row['City'];?>&nbsp;
                            <?php echo $row['State'];?>&nbsp;
                            <?php echo $row['Country'];?></p>
                            <p class="property--price"><?php echo
$row['RentorsalePrice'];?></p>
                        </div>
                        <!-- .property-info end -->
                        <div class="property--features">
                            <ul class="list-unstyled mb-0">
                                <li><span
class="feature">Beds:</span><span class="feature-num"><?php echo
$row['Bedrooms'];?></span></li>
                                    <li><span
class="feature">Baths:</span><span class="feature-num"><?php echo
$row['Bathrooms'];?></span></li>
                                    <li><span
class="feature">Area:</span><span class="feature-num"><?php echo
$row['Area'];?></span></li>
                                </ul>
                            </div>
                        <!-- .property-features end -->
                    </div>
                </div>
                <?php } ?>
            </div>
            <!-- .carousel end -->
        </div>

```

```

        <!-- .col-md-12 -->
    </div>
    <!-- .row -->
</div>
<!-- .container -->
</section>
<!-- #properties-carousel end -->

<!-- Feature

===== -->
    <section id="cta" class="cta cta-1 text-center bg-overlay bg-overlay-
dark pt-90">
        <div class="bg-section"></div>
        <div class="container">
            <div class="row">
                <div class="col-xs-12 col-sm-12 col-md-6 col-md-offset-3">
                    <h3>Join our professional team & agents to start
selling your house</h3>
                    <a href="contact.php" class="btn btn--
primary">Contact</a>
                </div>
                <!-- .col-md-6 -->
            </div>
            <!-- .row -->
        </div>
        <!-- .container -->
    </section>
    <!-- #cta1 end -->

    <!-- Footer #1
===== -->
    <?php include_once('includes/footer.php');?>
    </div>
    <!-- #wrapper end -->

    <!-- Footer Scripts
===== -->
    <script src="assets/js/jquery-2.2.4.min.js"></script>
    <script src="assets/js/plugins.js"></script>
    <script src="assets/js/functions.js"></script>
</body>

</html>

```


Myproperties.ph:

```
<?php
session_start();
include('includes/dbconnection.php');
error_reporting(0);
if (strlen($_SESSION['remsuid']==0 || $_SESSION['ut']==3)) {
    header('location:logout.php');
} else{?>
<!DOCTYPE html>
<html dir="ltr" lang="en-US">

<head>

    <!-- Fonts
    ===== -->
    <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,
600i,700,700i,800,800i%7CPoppins:100,100i,200,200i,300,300i,400,400i,500,500i,
600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
    <!-- Stylesheets
    ===== -->
    <link href="assets/css/external.css" rel="stylesheet">
    <link href="assets/css/bootstrap.min.css" rel="stylesheet">
    <link href="assets/css/style.css" rel="stylesheet">
    <!-- HTML5 shim, for IE6-8 support of HTML5 elements. All other JS at the
end of file. -->
    <!--[if lt IE 9]>
        <script src="assets/js/html5shiv.js"></script>
        <script src="assets/js/respond.min.js"></script>
    <![endif]-->

    <!-- Document Title
    ===== -->
    <title>Real Estate Management System-My Properties</title>
</head>

<body>
    <!-- Document Wrapper
    ===== -->
    <div id="wrapper" class="wrapper clearfix">
        <?php include_once('includes/header.php');?>
        <!-- Page Title #1
        ===== -->
        <section id="page-title" class="page-title bg-overlay bg-overlay-
dark2">
            <div class="bg-section">
                
            </div>
            <div class="container">
```

```

        <div class="row">
            <div class="col-xs-12 col-sm-12 col-md-6 col-md-offset-3">
                <div class="title title-1 text-center">
                    <div class="title--content">
                        <div class="title--heading">
                            <h1>my properties</h1>
                        </div>
                        <ol class="breadcrumb">
                            <li><a href="index.php">Home</a></li>
                            <li class="active">my properties</li>
                        </ol>
                    </div>
                    <div class="clearfix"></div>
                </div>
                <!-- .title end -->
            </div>
            <!-- .col-md-12 end -->
        </div>
        <!-- .row end -->
    </div>
    <!-- .container end -->
</section>
<!-- #page-title end -->

<!-- #my properties
===== -->
<section id="my-properties" class="my-properties properties-list">
    <div class="container">
        <div class="row">
            <?php include_once('includes/sidebar.php');?>
            <!-- .col-md-4 -->
            <div class="col-xs-12 col-sm-8 col-md-8">
                <?php
                    $uid=$_SESSION['remsuid'];
$query=mysqli_query($con,"select * from tblproperty where UserID='$uid'");
$num=mysqli_num_rows($query);
if($num>0){
while($row=mysqli_fetch_array($query))
{
?>

                    <div class="property-item">

                        <div class="property--img">
                            <a href="single-property-
detail.php?proid=<?php echo $row['ID'];?>">
                                
                                <span class="property--status"><?php echo
$row['Status'];?></span>
                            </a>
                        </div>

```

```

        <div class="property--content">
            <div class="property--info">
                <h5 class="property--title">
< a href="single-property-detail.php?proid=<?php echo $row['ID'];?>"
    <?php echo $row['PropertyTitle'];?></a></h5>

                <p class="property--location"><?php echo
$row['Address'];?>&nbsp;
<?php echo $row['City'];?>&nbsp;
<?php echo $row['State'];?>&nbsp;
<?php echo $row['Country'];?></p>
<p class="property--price"><?php echo $row['RentorsalePrice'];?></p>
            </div>
            <!-- .property-info end -->
            <div class="property--features">
                <ul>
                    <li><span
class="feature">Beds:</span><span class="feature-num"><?php echo
$row['Bedrooms'];?></span></li>
                    <li><span
class="feature">Baths:</span><span class="feature-num"><?php echo
$row['Bathrooms'];?></span></li>
                    <li><span
class="feature">Area:</span><span class="feature-num"><?php echo
$row['Area'];?></span></li>

                </ul>
                <a href="edit-property.php?editid=<?php
echo $row['ID'];?>" class="edit--btn"><i class="fa fa-edit"></i>Edit</a>
            </div>
            <!-- .property-features end -->
        </div>
        <!-- .property item end -->
<?php } } else { ?>
    <h3 style="color:red" align="center"> No Properties added yet </h3>
    <?php } ?>

        <!-- .pagination end -->
    </div>
    <!-- .col-md-8 end -->
</div>
<!-- .row end -->
</div>
<!-- .container end -->
</section>
<!-- #my properties end -->

    <!-- cta #1
===== -->

```

```

        <section id="cta" class="cta cta-1 text-center bg-overlay bg-overlay-
dark pt-90">
            <div class="bg-section"></div>
            <div class="container">
                <div class="row">
                    <div class="col-xs-12 col-sm-12 col-md-6 col-md-offset-3">
                        <h3>Join our professional team & agents to start
selling your house</h3>
                        <a href="contact.php" class="btn btn--
primary">Contact</a>
                    </div>
                    <!-- .col-md-6 -->
                </div>
                <!-- .row -->
            </div>
            <!-- .container -->
        </section>
        <!-- #cta1 end -->

        <!-- Footer #1
===== -->
        <footer id="footer" class="footer footer-1 bg-white">
            <!-- Widget Section
===== -->
            <div class="footer-widget">
                <div class="container">
                    <div class="row">
                        <div class="col-xs-12 col-sm-6 col-md-3 widget--
about">
                            <div class="widget--content">
                                <div class="footer--logo">
                                    
                                </div>
                                <p>86 Petersham town, New South Wales Ward11
Street, Australia PA 6550</p>
                                <div class="footer--contact">
                                    <ul class="list-unstyled mb-0">
                                        <li>+61 525 240 310</li>
                                        <li><a
href="mailto:contact@land.com">contact@land.com</a></li>
                                    </ul>
                                </div>
                            </div>
                        </div>
                        <!-- .col-md-2 end -->
                        <div class="col-xs-12 col-sm-3 col-md-2 col-md-offset-
1 widget--links">
                            <div class="widget--title">

```

```

        <h5>Company</h5>
    </div>
    <div class="widget--content">
        <ul class="list-unstyled mb-0">
            <li><a href="#">About us</a></li>
            <li><a href="#">Career</a></li>
            <li><a href="#">Services</a></li>
            <li><a href="#">Properties</a></li>
            <li><a href="#">Contact</a></li>
        </ul>
    </div>
</div>
<!-- .col-md-2 end -->
<div class="col-xs-12 col-sm-3 col-md-2 widget--
links">

    <div class="widget--title">
        <h5>Learn More</h5>
    </div>
    <div class="widget--content">
        <ul class="list-unstyled mb-0">
            <li><a href="#">Privacy</a></li>
            <li><a href="#">Terms &
Conditions</a></li>
            <li><a href="#">Account</a></li>
            <li><a href="#">FAQ</a></li>
        </ul>
    </div>
</div>
<!-- .col-md-2 end -->
<div class="col-xs-12 col-sm-12 col-md-4 widget--
newsletter">

    <div class="widget--title">
        <h5>newsletter</h5>
    </div>
    <div class="widget--content">
        <form class="newsletter--form mb-40">
            <input type="email" class="form-control"
id="newsletter-email" placeholder="Email Address">
            <button type="submit"><i class="fa fa-
arrow-right"></i></button>

        </form>
        <h6>Get In Touch</h6>
        <div class="social-icons">
            <a href="#"><i class="fa fa-
twitter"></i></a>

            <a href="#"><i class="fa fa-
facebook"></i></a>

            <a href="#"><i class="fa fa-
vimeo"></i></a>

        </div>
    </div>
</div>

```

```

        </div>
        <!-- .col-md-4 end -->

    </div>
</div>
<!-- .container end -->
</div>
<!-- .footer-widget end -->

<!-- Copyrights
===== -->
<div class="footer--copyright text-center">
    <div class="container">
        <div class="row footer--bar">
            <div class="col-xs-12 col-sm-12 col-md-12">
                <span>© 2018 <a
href="http://themeforest.net/user/zytheme">Zytheme</a>, All Rights
Reserved.</span>
            </div>

        </div>
        <!-- .row end -->
    </div>
    <!-- .container end -->
</div>
<!-- .footer-copyright end -->
</footer>
</div>
<!-- #wrapper end -->

<!-- Footer Scripts
===== -->
<script src="assets/js/jquery-2.2.4.min.js"></script>
<script src="assets/js/plugins.js"></script>
<script src="assets/js/functions.js"></script>
</body>

</html>
<?php } ?>

```

Forgot password.php:

```
<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');

if(isset($_POST['submit']))
{
    $contactno=$_POST['contactno'];
    $email=$_POST['email'];

    $query=mysqli_query($con,"select ID from tbluser where Email='$email'
and MobileNumber='$contactno' ");
    $ret=mysqli_fetch_array($query);
    if($ret>0){
        $_SESSION['contactno']=$contactno;
        $_SESSION['email']=$email;
        header('location:reset-password.php');
    }
    else{
        $msg="Invalid Details. Please try again.";
    }
}
?>

<!DOCTYPE html>
<html dir="ltr" lang="en-US">

<head>

    <!-- Fonts
    ===== -->
    <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,
600i,700,700i,800,800i%7CPoppins:100,100i,200,200i,300,300i,400,400i,500,500i,
600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
    <!-- Stylesheets
    ===== -->
    <link href="assets/css/external.css" rel="stylesheet">
    <link href="assets/css/bootstrap.min.css" rel="stylesheet">
    <link href="assets/css/style.css" rel="stylesheet">

    <title>Real Estate Managment System|| Forgot Password</title>
</head>

<body>
    <!-- Document Wrapper
    ===== -->
    <div id="wrapper" class="wrapper clearfix">
```

```

<?php include_once('includes/header.php');?>

<!-- Page Title #1
===== -->
<section id="page-title" class="page-title bg-overlay bg-overlay-
dark2">
    <div class="bg-section">
        
    </div>
    <div class="container">
        <div class="row">
            <div class="col-xs-12 col-sm-12 col-md-6 col-md-offset-3">
                <div class="title title-1 text-center">
                    <div class="title--content">
                        <div class="title--heading">
                            <h1>Forgot Password</h1>
                        </div>
                        <ol class="breadcrumb">
                            <li class="active">Forgot Password</li>
                        </ol>
                    </div>
                    <div class="clearfix"></div>
                </div>
                <!-- .title end -->
            </div>
            <!-- .col-md-12 end -->
        </div>
        <!-- .row end -->
    </div>
    <!-- .container end -->
</section>
<!-- #page-title end -->

<!-- #Add Property
===== -->
<section id="add-property" class="add-property">
    <div class="container">
        <div class="row">
            <div class="col-xs-12 col-sm-12 col-md-12">

                <div class="form-box">
                    <div class="row">
                        <div class="col-xs-12 col-sm-12 col-md-
12">

```



```

Password</h4>

<h4 class="form--title">Forgot

<form role="form" method="post"
action="">
    <p style="font-size:16px; color:red" align="center"> <?php
if($msg){
    echo $msg;
} ?> </p>
    <div class="form-group">
        <input class="form-control form-control-lg"
type="email" name="email" required="true" placeholder="Your Email" >

    </div>
    <div class="form-group">
        <input class="form-control form-control-lg"
type="type" name="contactno" required="true" maxlength="10" pattern="[0-9]+"
placeholder="Mobile Number">

    </div>
    <div class="form-group pt-1"><button type="submit"
class="btn btn-primary btn-lg btn-block" name="submit">Reset</button></div>
    </form>
    </div>
    <!-- .col-md-12 end -->

    <!-- .col-md-12 end -->

    </div>
    <!-- .row end -->
</div>

    </div>
    <!-- .col-md-12 end -->
</div>
    <!-- .row end -->
</div>
</section>
<section id="cta" class="cta cta-1 text-center bg-overlay bg-overlay-
dark pt-90">
    <div class="bg-section"></div>
    <div class="container">
        <div class="row">
            <div class="col-xs-12 col-sm-12 col-md-6 col-md-offset-3">
                <h3>Join our professional team & agents to start
selling your house</h3>

```

```

                <a href="contact.php" class="btn btn--
primary">Contact</a>
            </div>
            <!-- .col-md-6 -->
        </div>
        <!-- .row -->
    </div>
    <!-- .container -->
</section>
    </div>
    <!-- /.navbar-collapse -->
</div>
    <!-- /.container-fluid -->
</nav>

</header>

    <!-- Footer #1
===== -->
    <?php include_once('includes/footer.php');?>
</div>
    <!-- #wrapper end -->

    <!-- Footer Scripts
===== -->
    <script src="assets/js/jquery-2.2.4.min.js"></script>
    <script src="assets/js/plugins.js"></script>
    <script src="assets/js/functions.js"></script>
</body>

</html>

```

User profile.php;

```

<?php
session_start();
error_reporting(0);
include('includes/dbconnection.php');
if (strlen($_SESSION['remsuid']==0)) {
    header('location:logout.php');
} else{
    if(isset($_POST['submit']))
    {
        $uid=$_SESSION['remsuid'];
        $fullname=$_POST['fullname'];
        $mobno=$_POST['mobilenumber'];
        $aboutme=$_POST['aboutme'];
    }
}

```

```

        $query=mysqli_query($con, "update tbluser set FullName = '$fullname',
MobileNumber='$mobno',Aboutme = '$aboutme' where ID='$uid'");
        if ($query) {
            $msg="User profile has been updated.";
        }
        else
        {
            $msg="Something Went Wrong. Please try again.";
        }
    }

?>
<!DOCTYPE html>
<html dir="ltr" lang="en-US">

<head>

    <!-- Fonts
    ===== -->
    <link
href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,
600i,700,700i,800,800i%7CPoppins:100,100i,200,200i,300,300i,400,400i,500,500i,
600,600i,700,700i,800,800i,900,900i" rel="stylesheet">
    <!-- Stylesheets
    ===== -->
    <link href="assets/css/external.css" rel="stylesheet">
    <link href="assets/css/bootstrap.min.css" rel="stylesheet">
    <link href="assets/css/style.css" rel="stylesheet">
    <!-- HTML5 shim, for IE6-8 support of HTML5 elements. All other JS at the
end of file. -->
    <!--[if lt IE 9]>
        <script src="assets/js/html5shiv.js"></script>
        <script src="assets/js/respond.min.js"></script>
    <![endif]-->

    <!-- Document Title
    ===== -->
    <title>Real Estate Management System|| User Profile</title>
</head>

<body>
    <!-- Document Wrapper
    ===== -->
    <div id="wrapper" class="wrapper clearfix">
        <?php include_once('includes/header.php');?>

        <!-- Page Title #1
        ===== -->
        <section id="page-title" class="page-title bg-overlay bg-overlay-
dark2">

```

```

<div class="bg-section">
    
</div>
<div class="container">
    <div class="row">
        <div class="col-xs-12 col-sm-12 col-md-6 col-md-offset-3">
            <div class="title title-1 text-center">
                <div class="title--content">
                    <div class="title--heading">
                        <h1>user Profile</h1>
                    </div>
                    <ol class="breadcrumb">
                        <li><a href="index.php">Home</a></li>
                        <li class="active">user Profile</li>
                    </ol>
                </div>
                <div class="clearfix"></div>
            </div>
            <!-- .title end -->
        </div>
        <!-- .col-md-12 end -->
    </div>
    <!-- .row end -->
</div>
<!-- .container end -->
</section>
<!-- #page-title end -->

<!-- #user-profile
===== -->
<section id="user-profile" class="user-profile">
    <div class="container">
        <div class="row">
            <?php include_once('includes/sidebar.php');?>
            <!-- .col-md-4 -->
            <div class="col-xs-12 col-sm-12 col-md-8">

                <form class="mb-0" method="post">
                    <p style="font-size:16px; color:red"
align="center"> <?php if($msg){
    echo $msg;
} ?> </p>

                    <div class="form-box">
                        <?php

                            $uid=$_SESSION['remsuid'];
                            $ret=mysqli_query($con,"select * from tbluser where ID='$uid'");

                            while ($row=mysqli_fetch_array($ret)) {

```

```

?>
        <h4 class="form--title">Personal Details</h4>
        <div class="form-group">
            <label for="full-name">Full Name</label>
            <input type="text" class="form-control"
name="fullname" id="fullname" required="true" value="<?php echo
$row['FullName'];?>">
        </div>

        <div class="form-group">
            <label for="email-address">Email
Address</label>
            <input type="email" class="form-control"
name="email" id="email" readonly="true" value="<?php echo $row['Email'];?>">
        </div>
        <!-- .form-group end -->
        <div class="form-group">
            <label for="phone-number">Mobile
Number</label>
            <input type="text" class="form-control"
name="mobilenumber" id="mobilenumber" required="true" value="<?php echo
$row['MobileNumber'];?>">
        </div>
        <!-- .form-group end -->
        <div class="form-group">
            <label for="about-me">About Me</label>
            <textarea class="form-control"
name="aboutme" id="aboutme" rows="2" required="true"><?php echo
$row['Aboutme'];?></textarea>
        </div>
        <!-- .form-group end -->
    </div>
    <?php }?>

    <input type="submit" value="Save Edits"
name="submit" class="btn btn--primary">
    </form>
</div>
<!-- .col-md-8 end -->
</div>
<!-- .row end -->
</div>
</section>
<!-- #user-profile end -->

<!-- cta #1
===== -->
    <section id="cta" class="cta cta-1 text-center bg-overlay bg-overlay-
dark pt-90">
        <div class="bg-section"></div>

```

```

        <div class="container">
            <div class="row">
                <div class="col-xs-12 col-sm-12 col-md-6 col-md-offset-3">
                    <h3>Join our professional team & agents to start
selling your house</h3>
                    <a href="contact.php" class="btn btn--
primary">Contact</a>
                </div>
                <!-- .col-md-6 -->
            </div>
            <!-- .row -->
        </div>
        <!-- .container -->
    </section>
    <!-- #cta1 end -->

    <?php include_once('includes/footer.php');?>
</div>
<!-- #wrapper end -->

<!-- Footer Scripts
===== -->
    <script src="assets/js/jquery-2.2.4.min.js"></script>
    <script src="assets/js/plugins.js"></script>
    <script src="assets/js/functions.js"></script>
</body>

</html>
<?php } ?>

```

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