

PROFESSIONAL TRAINING REPORT
at
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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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SCHOOL OF COMPUTING
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
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SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
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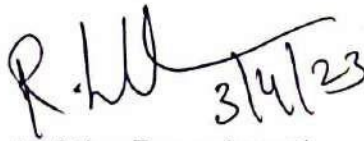
DEPARTMENT OF INFORMATION TECHNOLOGY

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **VAIBHAV SINGH** (Reg. No: 40120101) who carried out the project entitled "REAL ESTATE WEBSITE " under my supervision from January 2023 to April 2023.


Internal Guide

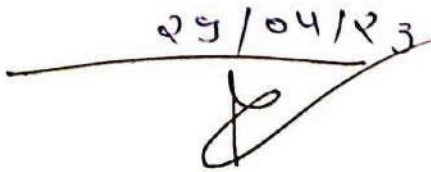
Mr.E.Murali


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Submitted for Viva voce Examination held on


Internal Examiner


External Examiner

DECLARATION

I, **VAIBHAV SINGH** hereby declare that the project report entitled done by me under the guidance of Mr. **E. Murali** is submitted in partial fulfillment of the requirements for the award of Bachelor of Technology Degree in Information Technology.

DATE: 29/04/23

PLACE: CHENNAI


SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to the **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. R Subhashini, M.E., Ph.D.**, Head of the Department of Information Technology for providing me with 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 **Mr. E. Murali** for his valuable guidance, suggestions and constant encouragement that paved way for the successful completion of my project work.

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

**INTERNSHIP COMPLETION
CERTIFICATE**



CERTIFICATE

HCL Technologies

This is to certify that Mr./Ms. *VAIBHAV SINGH*, Register Number *40120101* studying in *Sathyabama Institute of Science and Technology (Deemed to be University)* has completed his/her Mini-Project titled **REAL ESTATE WEBSITE** with us as a part of MoU initiatives in the period Jan-May, 2023.

A handwritten signature in blue ink, appearing to read 'V. Sankaran', is located to the right of the main text.

Dr.V.Sankaran

STAR

Engineering and R&D Services (ERS)

Date: May 2023

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 medium and large organization. It maintain client details line contact details, required property details, client type residential and commercial clients and preferences. It will maintain property details , registration of property for sale includes property address, property description , price , facilities available. It stores property floor plan , property documents. It creates thumbnail of property images for brochure .It has powerful logical access management in place user must be identified by login id and strict password policy is applied to secure the system.

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LIST OF ABBREVIATIONS

S. No.	ABBREVIATION	EXPANSION
1.	HTML	Hyper Text Markup Language
2.	CSS	Cascading Style Sheets
3.	JS	JavaScript
4.	RWD	Responsive Website Development
5.	CMS	Content Management System
6.	GIF	Graphical Interchange Format
7.	PHP	Hypertext Preprocessor
8.	XML	Extensible Markup Language
9.	API	Application Programming Interface
10.	ASP	Active Server Pages
11.	AI	Artificial Intelligence
12.	XAMPP	X-operating system, Apache, Mysql, Php, Perl
13.	RAM	Random Access Memory
14.	DOM	Document Object Manipulation

REAL ESTATE WEBSITE

CHAPTER-1

Introduction

1.1Project purpose

This website is a 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.

1.2Project 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.

1.3Project 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.

1.4Project Goals

- **Planned approach towards working:** - The working in the organization will be well planned and organized.
- **Accuracy:** - The level of accuracy in the proposed system can not be decided.
- **Reliability:** - The reliability of the proposed system will be high due to the above stated reasons.

CHAPTER-2

System Requirement Specifications

2.1Scope:

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.
- ✓ 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.

2.3 Overall description:

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) and 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.
- iii. Add Property:** Agents can add his/her own property.
- iv. My Properties:** Agents can see his/her own listed properties.
- v. Received Enquiries:** Agents can view receive enquiries againsthis/her own listed properties and also answer the enquiries.
- vi. Answer Enquiries:** Agents can views answer enquiries.
- viii. 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.

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.

iii. 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.

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

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.

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

2.5Functional and Non-Functional Requirements:

Functional Requirements:

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

- o **Usability:** The interface should use terms and concepts, which are drawn from the experience of the people who will make most of the system.
- o **Efficiency:** The system must provide easy and fast access without consuming more cost.
- o **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.

User Model View

- i. This view represents the system from the user's 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 modeling, which focuses on the behavioral modeling, implementation modeling and environmental model views

Case Diagram of User

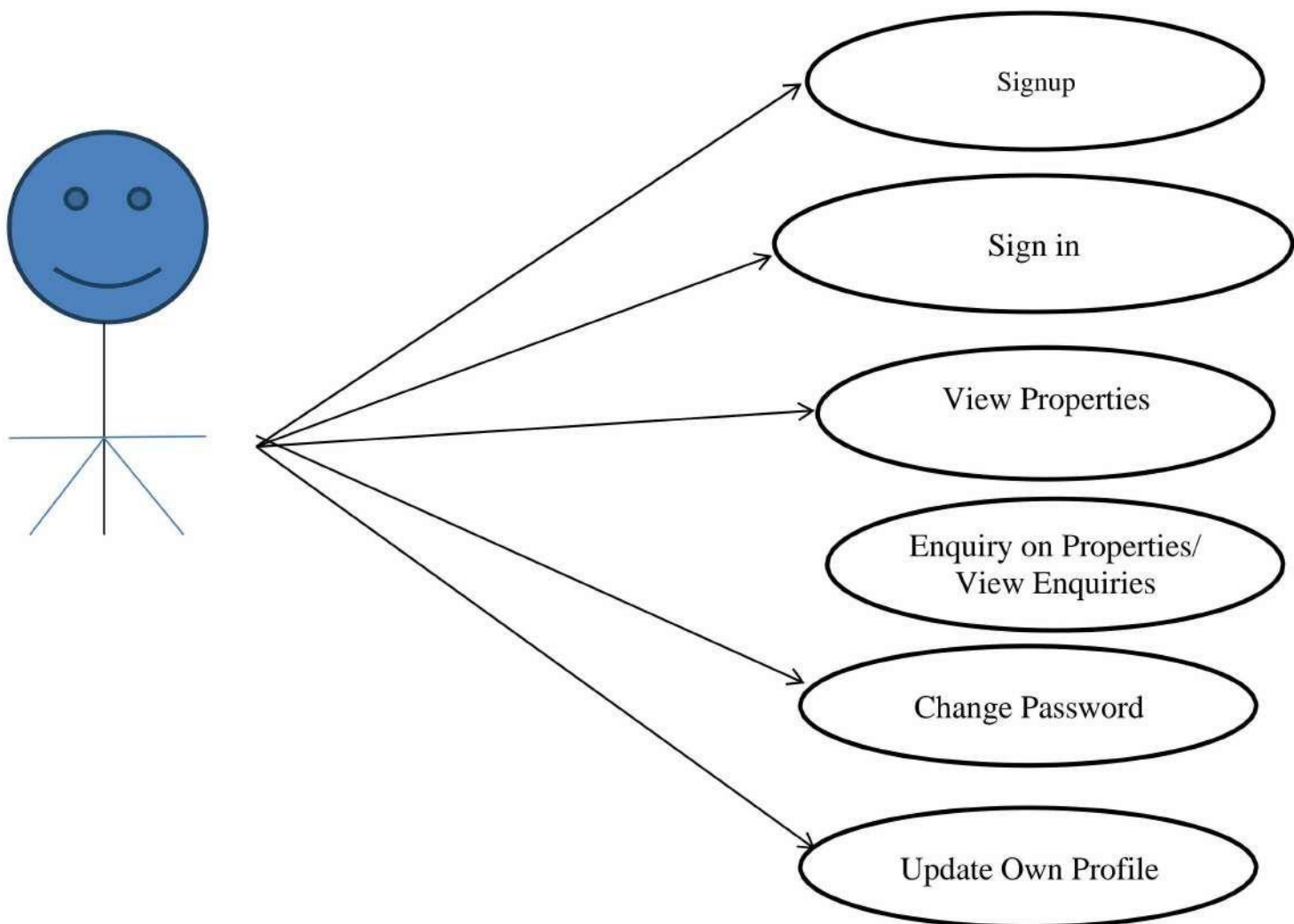


Fig 3.1 Use case Diagram of user

Case Diagram of Broker/ owners

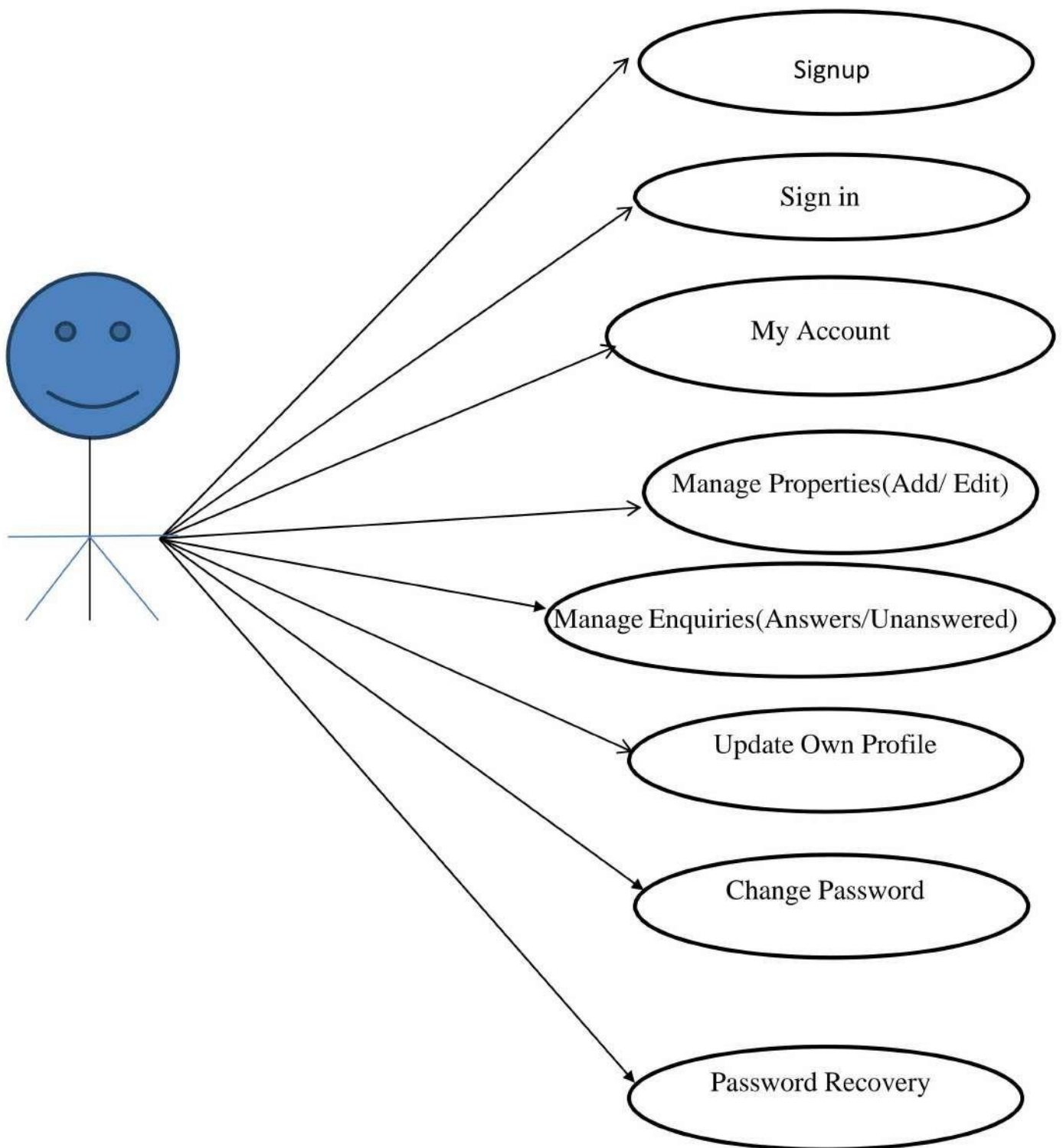


Figure 3.2 Use case diagram for owner / broker

Use Case Diagrams Admin

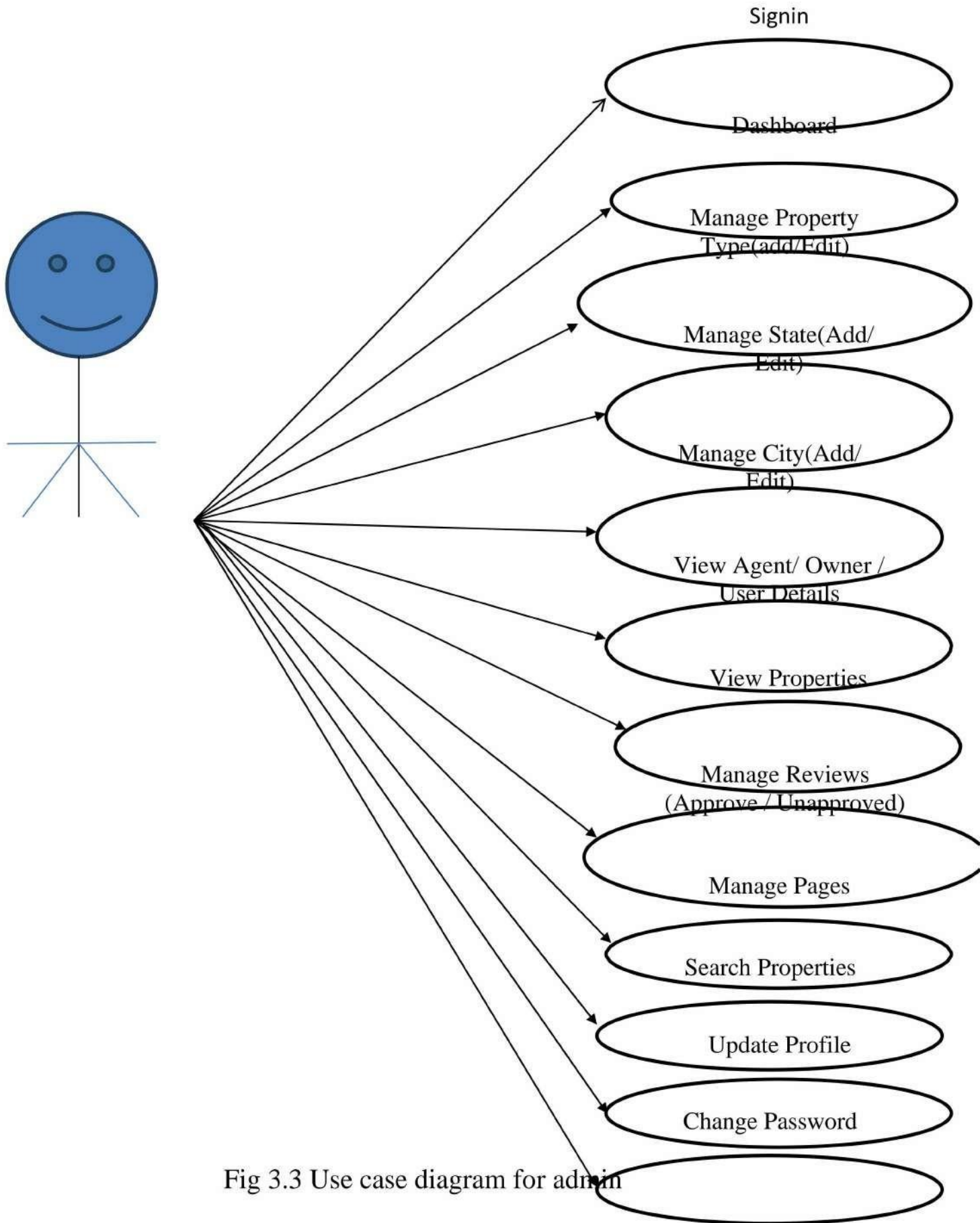


Fig 3.3 Use case diagram for admin

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:

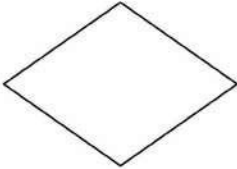
<u>SYMBOL</u>	<u>PURPOSE</u>
	Represents Entity sets.
	Represent attributes.
	Represent Relationship Sets.
	Line represents flow

Fig 3.3 ER Diagram

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.

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

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

#	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		

Fig.3.4 tblcountry 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	CountryName	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	EnterDate	timestamp			No	current_timestamp()		ON UPDATE CURRENT_TIMESTAMP()

Fig.3.5 tblstate 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	StateName	varchar(120)	latin1_swedish_ci		Yes	NULL		
4	EnterDate	timestamp			No	current_timestamp()		

Fig.3.6 tblcity 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	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()

Fig.3.7 tbluser 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	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()

Fig.3.8 tblpropertytype 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	PropertyType	varchar(120)	latin1_swedish_ci		Yes	NULL		
3	EnterDate	timestamp			Yes	current_timestamp()		

Fig.3.9 tblproperty table Structure: This table stores the full property 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	PropertyTitle	mediumtext	latin1_swedish_ci		Yes	NULL		
4	PropertyDescription	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()		

Fig.3.10 tblenquiry 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	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()

Fig.3.11.tblfeedback table Structure: This table stores the property reviews.

#	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		

Fig.3.12 tblpage table Structure: This table stores the pages information.

#	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	UpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

Class Diagram:

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

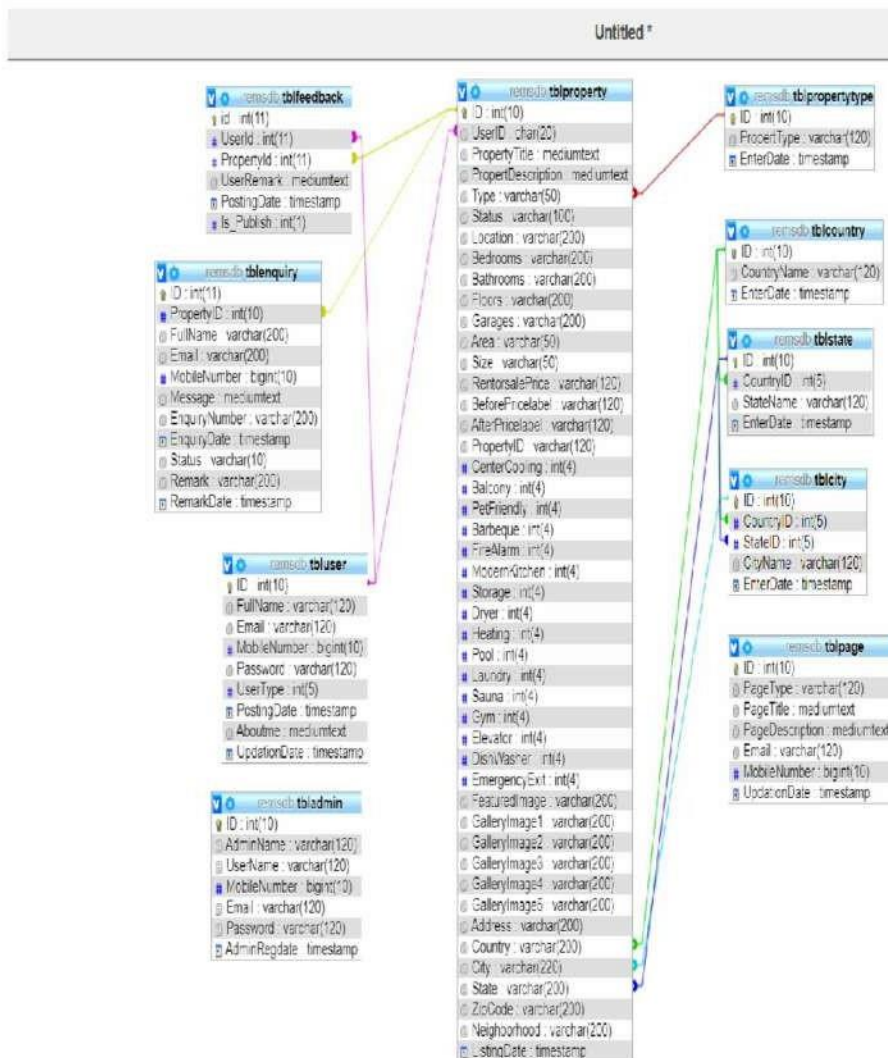


Fig 3.13 Class Diagram

CHAPTER-4

TESTING

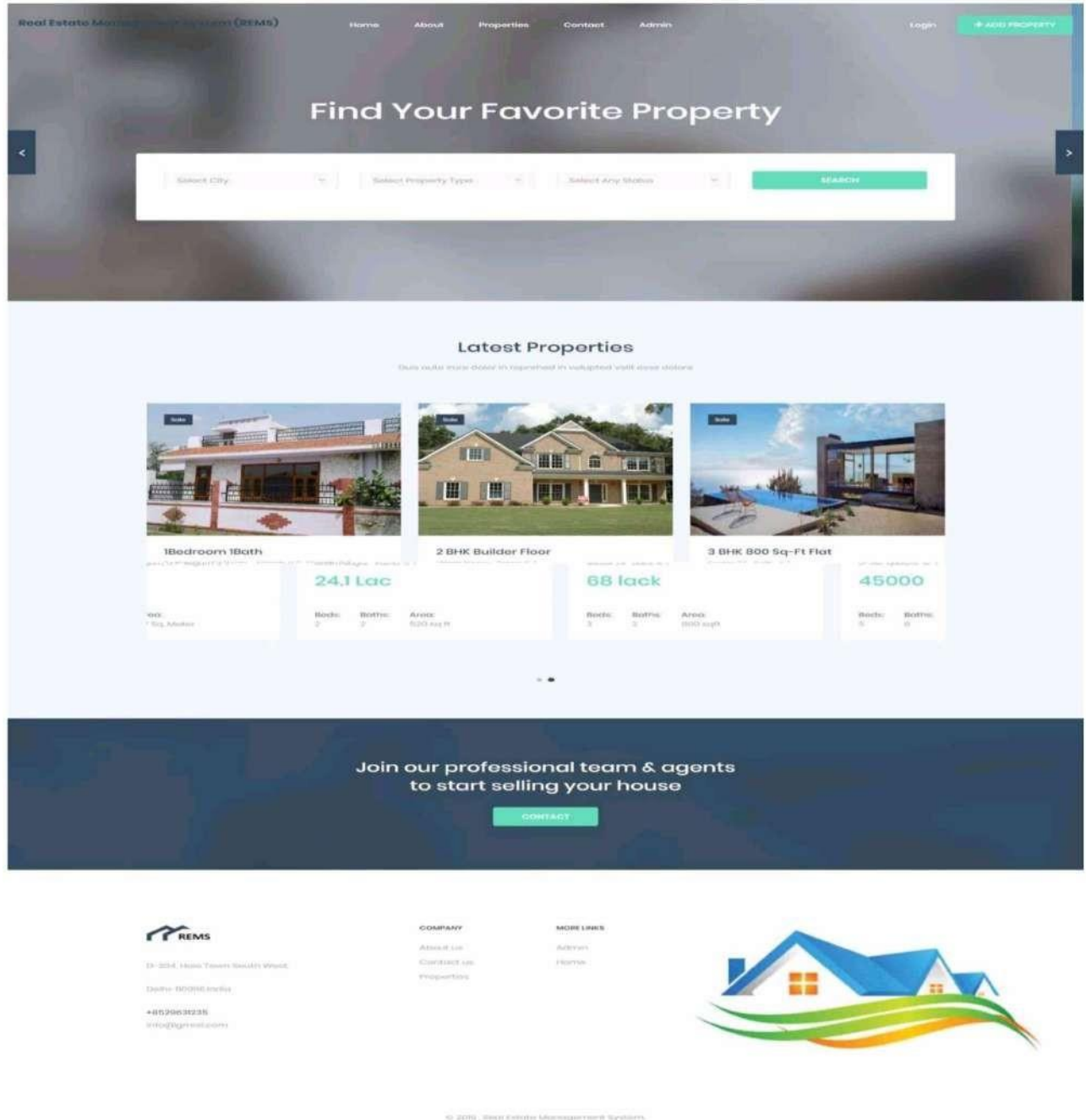
TEST CASES:

- **Unit Testing:** This is the lowest level of testing that is conducted to remove syntax & logic errors from a single unit. Individual components are tested to ensure that they operate correctly. Each component is tested independently, without other system components.
- **Module testing:** A module is a collection of dependent components such as an object class, an abstract data type or some looser collection of procedures & functions. A module encapsulates related components, so can be tested without other system modules.
- **Sub-System testing:** This phase involves testing collections of modules, which have been integrated into sub-systems. This tests for problems that arise from component interactions. This testing should begin as soon as usable versions of some of the system components are available.
- **System testing:** The sub-systems are integrated to make up the system. The system as a complete entity is tested over here. This process is concerned with finding errors that result from unanticipated interactions between sub-systems. It is also concerned with validating that the system meets its functional & non-functional requirements & testing the emergent system properties.
- **Acceptance testing:** This is the final stage in the testing process before the system is accepted for operational use. The system is tested with data supplied by the system customer rather than simulated test data. Acceptance testing may reveal errors & omissions in the system requirements definition because the real data exercise the system in different ways from the test data. It may also reveal requirements problems where the system's facilities do not really meet the user's needs or the system performance is unacceptable.

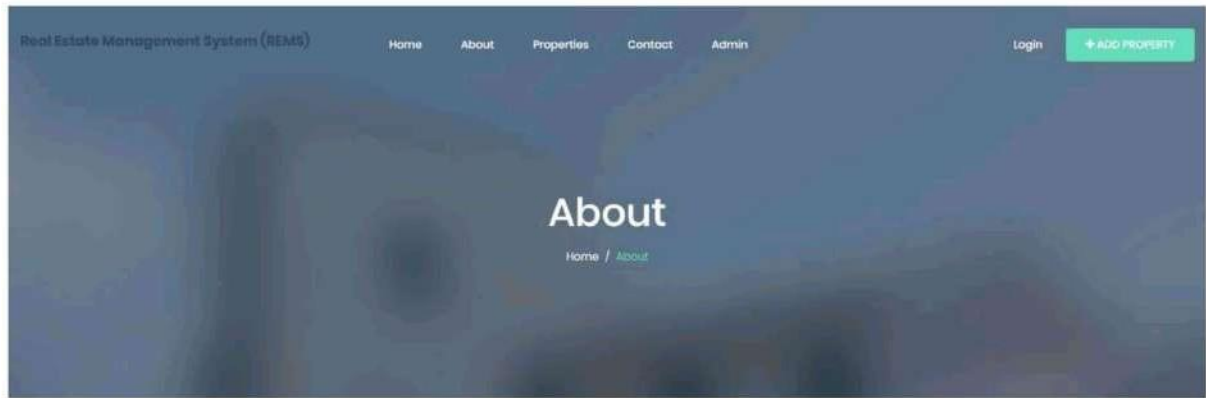
APPENDICES

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Our Vision:

Propin ipsum dolor sit amet, consectetur adipiscing elit. Etiam tempore incididunt ut labor sit dolore magna aliquet enim ad minim veniam.

Our Goal:

Duis aute velis inure dolor in reprehenderit volupta velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaec cupidatat non proident.



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Algeria

Saudi Arabia

Qatar



2 BHK Builder Floor

Location: Wagon, Doha, Qatar

24.1 Lac

Bed: 2

Bath: 2

Area: 600 sq ft



3 BHK 800 Sq-Ft Flat

Location: 18, Doha, Qatar

68 lac

Bed: 3

Bath: 2

Area: 800 sq ft



1 Bedroom 1 Bath

Location: 18, Doha, Qatar

43 Lac

Bed: 1

Bath: 1

Area: 600 sq ft



5 Bedrooms 7 Baths

Location: 18, Doha, Qatar

5.99 cr

Bed: 5

Bath: 7

Area: 2000 sq ft



5 BHK Residential House 4830 Sqft

Location: 18, Doha, Qatar

45000

Bed: 5

Bath: 5

Area: 4830 sq ft

12345678910

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Particular Property Detail

[illegible]

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

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Email Address

Mobile Number

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User profile has been updated.

Personal Details

Full Name

Test

Email Address

mrhesh@gmail.com

Mobile Number

9526234568

About Me

iam Mohesh

lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation

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Property Title*

Property Description*

Type

Select Property Type

Status

Select

Location

Bedrooms

Bathrooms

Floors

Garages

Area

Sq Ft

Size

Sq Ft

Sale or Rent Price*

Before Price Label

per sq foot front

After Price Label

per monthly

Property Features

☐ Central Cooling

☐ Balcony

☐ Pet Friendly

☐ Barbecue

☐ Fire Alarm

☐ Modern Kitchen

☐ Storage

☐ Dryer

☐ Heating

☐ Pool

☐ Laundry

☐ Sounp

☐ Gym

☐ Elevator

☐ Dish Washer

☐ Emergency Exit

Property Gallery

Featured Image

Choose File

No File Chosen

Gallery Image1

Choose File

No File Chosen

Gallery Image2

Choose File

No File Chosen

Gallery Image3

Choose File

No File Chosen

Gallery Image4

Choose File

No File Chosen

Gallery Image5

Choose File

No File Chosen

Property Location

Address*

Enter your property address

Country

Select Country

State

City

Zip/Postal Code

Neighborhood

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2 BHK Builder Floor

Urban Nagar, Patna 8, 1

24.1 Lac

Beds: 2

Baths: 2

Area: 530 sq ft

CP: 1 year

Sale



1 Bedroom 1 Bath

Sector 84 - Dr Noida, Aligarh U.P. Aligarh 2, 1

43 Lac

Beds: 1

Baths: 1

Area: 67.5sq Meter

CP: 1 year

Sale



5 Bedrooms 7 Baths

A Block, Subang Park Phase - 1 Warangal 2, 1

5.99 cr

Beds: 5

Baths: 7

Area: 250.84 sq meter

CP: 1 year

123

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Property Description

Property Title*

2 Bed House Floor

Property Description*

Three bed two bath house with wide driveway

2. Cramping room with full ceiling & feature floor

3. Modern and modular kitchen with efficiency and value

4. Bathrooms

4. Two bath room with tile work, glass roof height, and included

Type

Apartment

Status

Save

Location

Urban Ridge Road

Bedrooms

3

Bathrooms

3

Floors

1 (Out of 4 Floors)

Garages

1 Covered

Area

520 sq ft

Size

500 sq ft

Sale or Rent Price*

245 per

Before Price Label

25 per

After Price Label

25 per

Property Features

☐ Center Cooling

☐ Bidet

☐ Hot Pottery

☐ Barbecue

☒ Fire Alarm

☐ Modern Kitchen

☐ Manager

☐ Dryer

☐ Heating

☐ Pool

☒ Laundry

☐ Sauna

☒ Gym

☐ Elevator

☒ Dish Washer

☐ Emergency Exit

Property Gallery

Featured Image



edit image

Gallery Image1



edit image

Gallery Image2



edit image

Gallery Image3



edit image

Gallery Image4



edit image

Gallery Image5



edit image

Property Location

Address*

Urban Ridge

Country

India

State

India

City

Pune

Zip/Postal Code

411004

Neighborhood

Urban Ridge Road Urban Ridge

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1	266602123	Ramesh Kumar	8988889999	View Details
2	81895685	Akash	9999999999	View Details

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Full Name	Ramesh Kumar
Property Title	3 BHK 800 Sq-ft Flat
Email	ramesh@gmail.com
Mobile Number	9999999999
Message	Give me best prices of this property
Enquiry Date	2019-08-16 17:38:27
Status	Unanswer Enquiry
Remark :	
UPDATE	



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1	283496176	Akash Chandra	7894561239	View Details

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S.NO	Country Name	State Name	City Name	Action
1	India	Uttar Pradesh	Aligarh	Edit Details
2	India	Uttar Pradesh	Varanasi	Edit Details
3	India	Uttar Pradesh	Allahabad	Edit Details
4	Australia	Uttar Pradesh	Sydney	Edit Details
5	Australia	Uttar Pradesh	New Castle	Edit Details
6	Australia	Uttar Pradesh	Albury	Edit Details
7	Australia	Uttar Pradesh	Mount Gambier	Edit Details
8	Australia	Uttar Pradesh	Weyalla	Edit Details
9	Australia	Uttar Pradesh	Brisbane	Edit Details
10	USA	New Jersey	Los Angeles	Edit Details

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S.NO	Full Name	Mobile Number	Registration Date	Action
1	Test	8596234569	2019-06-07 21:20:06	View

CHAPTER 5

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.

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>