M.V.P. SAMAJ'S
K.R.T. ARTS, A.M. SCIENCE AND B.H. COMMERCE COLLEGE, GANGAPUR ROAD, NASHIK.
PROJECT
REPORT ON
REAL ESTATE MANAGEMENT

Developed by

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(105) AND
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B.Sc. (Computer Science)
(2020-2021)

Under the guidance of

Prof. B.B. Darekar
Department of Computer Science

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K.R.T. ARTS, A.M. SCIENCE AND
B.H. COMMERCE COLLEGE,
GANGAPUR ROAD,
NASHIK.

CERTIFICATE

This is to certify that project report on

REAL ESTATE MANAGEMENT

Has been successfully completed by,

Mr. Vinayak Pawar and Mr. Mayur Rokade

For fulfillment of B.Sc. (Computer Science) During
the academic year 2020-2021

Dr. B.B.   (Internal examiner)   (External examiner)
Darekar   Date: / /   Date: / /
(Project Guide)
Date: / /

[2]

Acknowledgement

The satisfaction and euphoria that accompanies the successful completion of any task would be incomplete without the mention of the people who made it possible. If there is a driving force that kept use going on in doing this project, it is the constant support of our guide Mr. Aashish Patel We present our sincere and heartiest thanks to him, for giving us a patient hearing and clearing our doubts. We would like to express our profound thanks to Prof. Mr.

Aashish Patel for their support and encouragement towards us at every stage in successful completion of our project. We place our gratitude to our parents who always encouraged us to pursue our interest, who have led us onto the right path. We are undoubted for all the love and affection they bestowed upon us. Many are responsible for the knowledge and experience we have gained during our project and throughout the course. With profound sense of gratitude and regards we acknowledge for support extended by our friends for their support in completion of this project. Finally, we would also like to thank all those who knowingly or unknowingly helped to us all throughout our project.

Mr. Vinayak Pawar
and
Mr. Mayur Rokade

INDEX

INTRODUCTION

- Our project "REAL ESTATE MANAGEMENT" is related to online application of estate.
- Real estate management system is advanced solution for his/her estate problem.
- User shows all the properties of Buyer that are secure & verify & send them to the Builder.
- Real System Buy the property &verify them and the online service is provided by us free of charge
- Here registration is also free of cost. So, user can registration by using Real System then
- Buy the property & verify them. After few hours or days our guys put the estate solution.
- The software is so reliable to user. Our main concept is giving best & quick result to user

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 develops apartments, hotels, villa, residential properties and commercial properties. Companies or individual agents can also advertise their property.

In past Property management systems uses traditional method of keeping records of the client's files. This manual record keepin
-g in the organizations has been characterized by a lot of problems,

such as:

a) Lack of skill in interpretation of reports from the activities of the organizations.
b) Data losses: loss of data perhaps would happen if all information only kept inside paper on.
c) Data redundancies: abundant and repetition data also perhaps will happen.
d) No database to store information: by using manual system, loss of data perhaps will happen.
e) No backup and security: still information to contemporary system perhaps have been trespassed easily or stolen, this is because of the insecurity in the manual system used in the organizations.

Need of system

The Proposed system is a browser which is completely related to online system, which Provides the centralized database.

The web enables Real Estate Investing Property Management designed to automate the entire operations of a modern Real Estate Investing Property. The system providing Real Estate Investing Property Management to real estate Agencies, commercial construction companies or property Management Company. This Helps customer to save time and get right business solution for your business. This system provides fast data accessing when compared to the current system. In the proposed system retrieving a single record from large database is very easy.

Scope of system

The real of world wide web have spread across millions of households, 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 lot 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 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 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.

An important outcome of preliminary investigation is the determination that the requested system is feasible for organization or not.
There are three aspects of Feasibility Study are as follows:

1. Operational Feasibility: -

The present system is easily understandable the users are presented with user friendly interface. that helps them to understand the flow of the system more easily. Maximum Transparency has been provided. This system is very much user friendly and operational cost of the new system needs fewer human efforts. The proposed project is beneficial to the organization and is user friendly. The system is directly used by the users and needs no other operators to coordinate the system. So, the system can be judged operationally feasible.

2. Technical Feasibility: -

Whether it is possible to develop the project with available equipment as well as available Software / Hardware with available manpower. If there will be any kind of need in order to develop the S/W in this phase the cost of H/W, S/W as well as technical equipment are considered and found that whether requested system is technically feasible for the organization or not.

3. Economical Feasibility: -

The presence of hardware, software and various technical equipment reduced our cost as compared to the total work for the system. Hence the system being economically feasible.

[9]

Hardware requirement:

- Processor: - i3 Processor
- Hard Disk: - 500 GB
- Memory: - 4GB RAM

Software requirements:

- Front-End: - PHP
- Back-End: - PostgreSQL

Operating System:

- Linux

Fact Finding Techniques:

At the time of the analysis of the system or before starting actual work of system the system analyst has to collect information about the manual system from the user department for which the system is going to be developed. In order to collect this information, system analyst prefers anyone of the following fact finding technique or prefers two or more fact finding techniques according to situation: -

1. Interview.
2. Record Review.
3. Observation.

While developing the system following techniques were used.

1. Interviewing : -

System investigation has been done, by taking interview of the concerned person, higher officials & users. By asking then about manual process, problems regarding system, they requirements, any they're valuable suggestions and guidance regarding the system.

After taking their interviews regarding the system and studying pointes crucial for system, and for any further need, inter – views were taken again & the pointes were discussed & covered which previously ware not understood. This interview technique proved beneficial regarding preliminary investigation but requires much time than the other techniques.
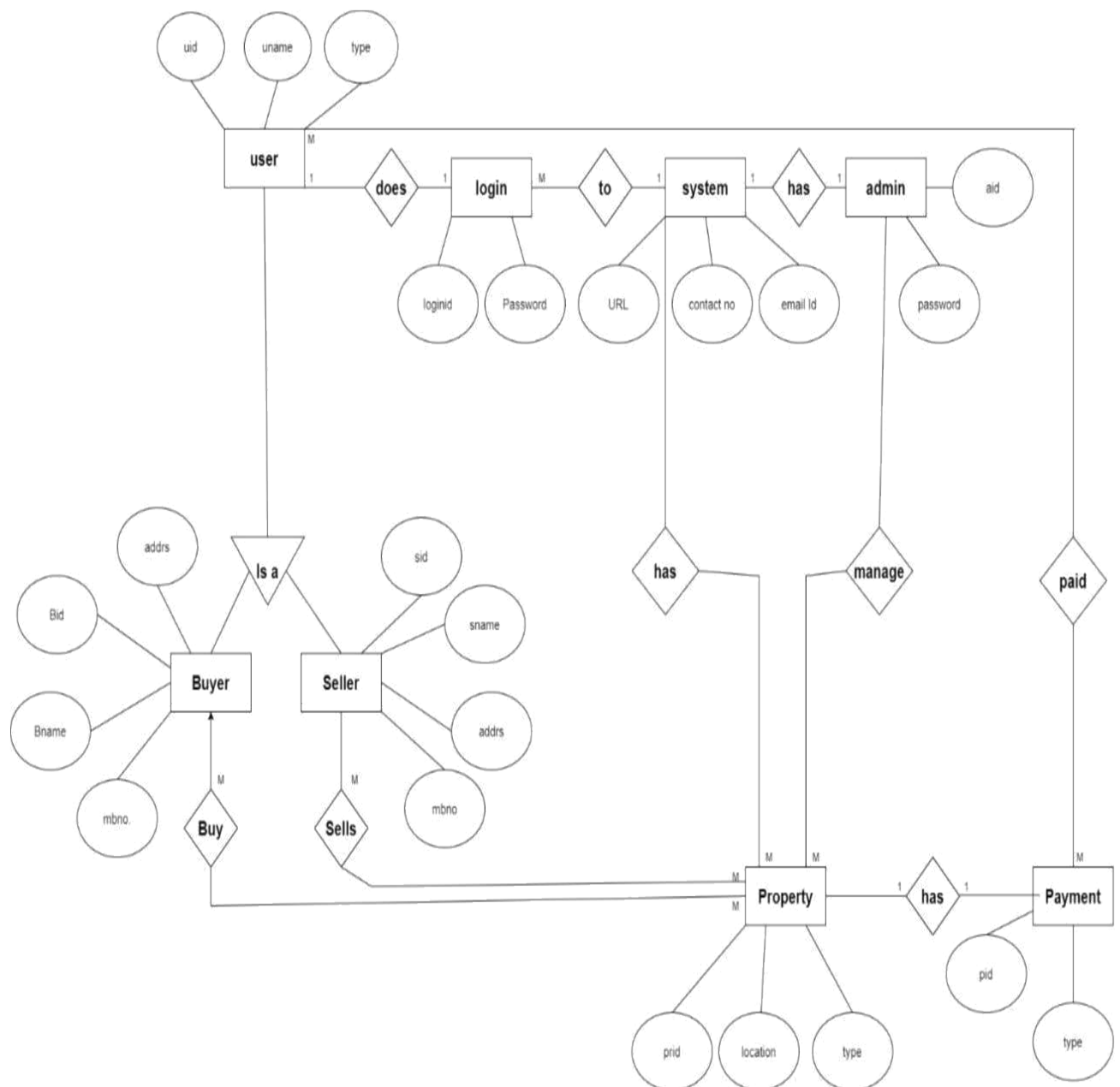
2. Record Review: -

This technique proves in finding facts of system and pointes must be covered while designing the current system. Observing documents, register and files, which are prepared manually by the department, carries out the technique of record review. It helps the design of inputs and output required for the system, the database, screen –designing etc. Thus, this technique proves very helpful for analyzing about the system.
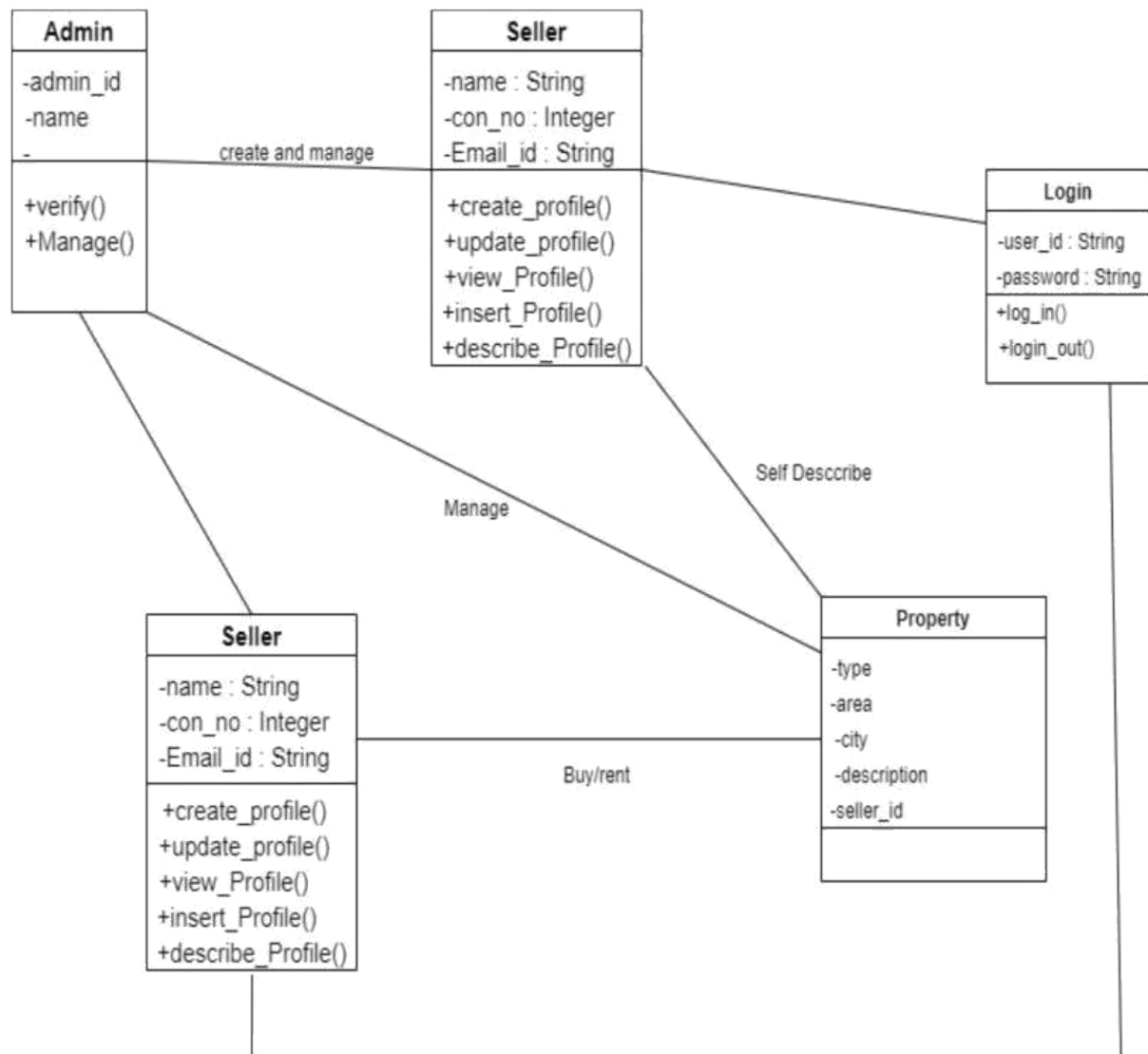
3. Observation: -

Observation allows analyst to gain information, they cannot obtained by any other technique through it analyst can obtain first and observation about how activities are carried out.
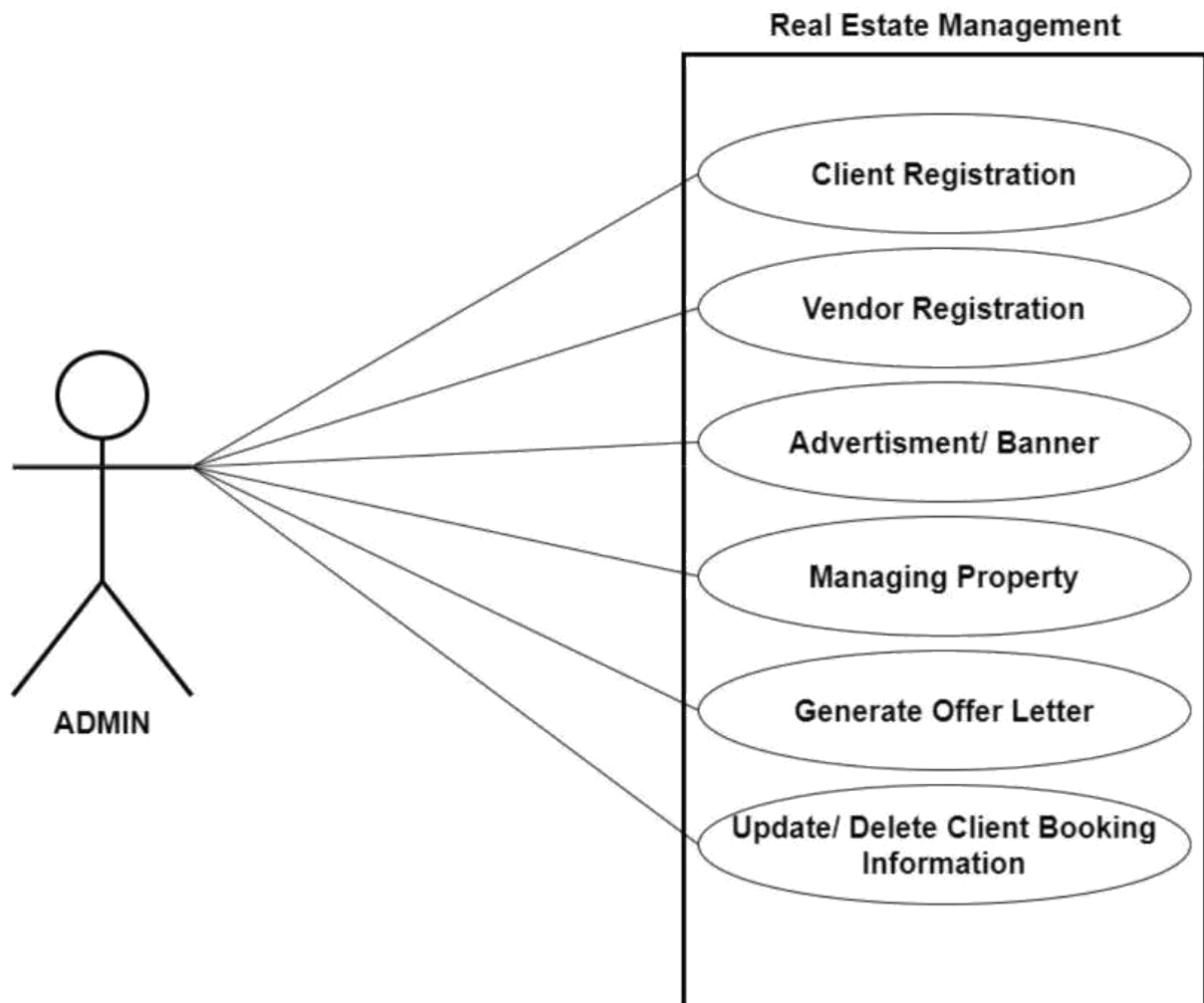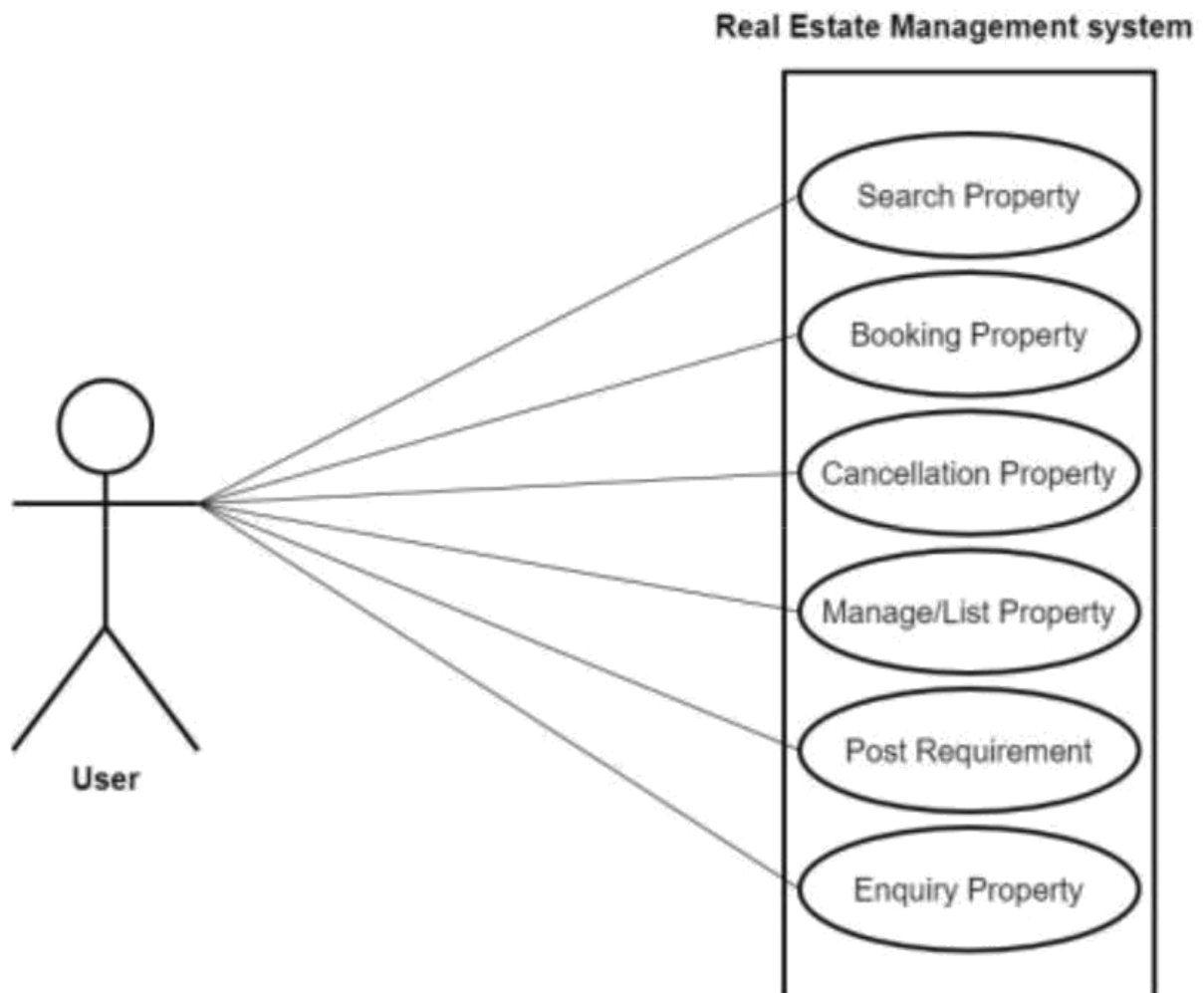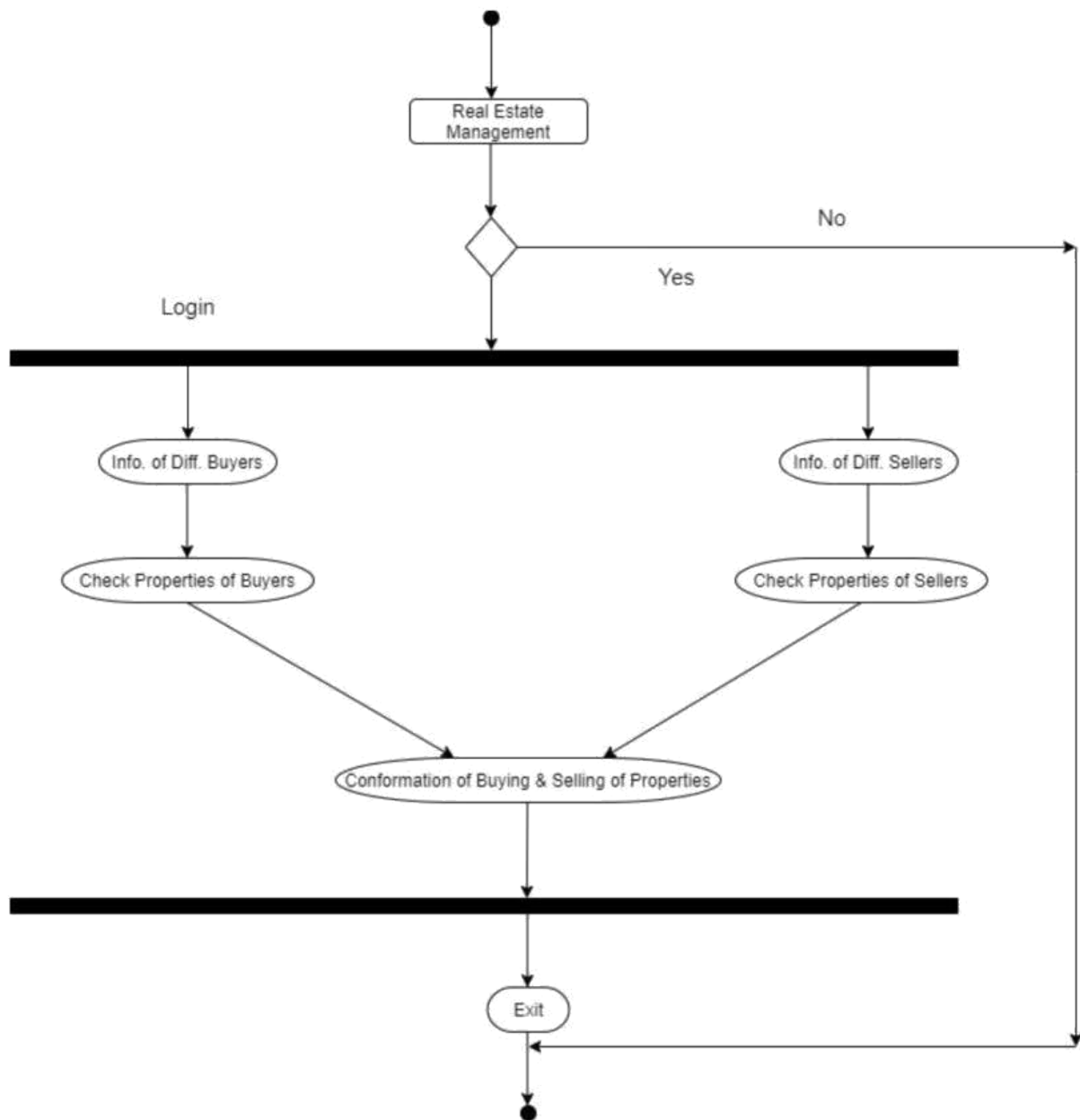
ER DIAGRAM :

CLASS DIAGRAM:

Admin

-admin_id
-name
-

+verify()
+Manage()

Seller

-name : String
-con_no : Integer
-Email_id : String

+create_profile()
+update_profile()
+view_Profile()
+insert_Profile()
+describe_Profile()

Login

-user_id : String
-password : String

+log_in()
+login_out()

create and manage

Self Desccribe

Manage

Seller

-name : String
-con_no : Integer
-Email_id : String

+create_profile()
+update_profile()
+view_Profile()
+insert_Profile()
+describe_Profile()

Buy/rent

Property

-type
-area
-city
-description
-seller_id

14

USE_CASE DIAGRAM FOR ADMIN:

Real Estate Management

- Client Registration
- Vendor Registration
- Advertisment/ Banner
- Managing Property
- Generate Offer Letter
- Update/ Delete Client Booking Information

ADMIN

USE_CASE DIAGRAM FOR USER:

Real Estate Management system

ACTIVITY DIAGRAM FOR Admin:

ACTIVITY DIAGRAM FOR USER:
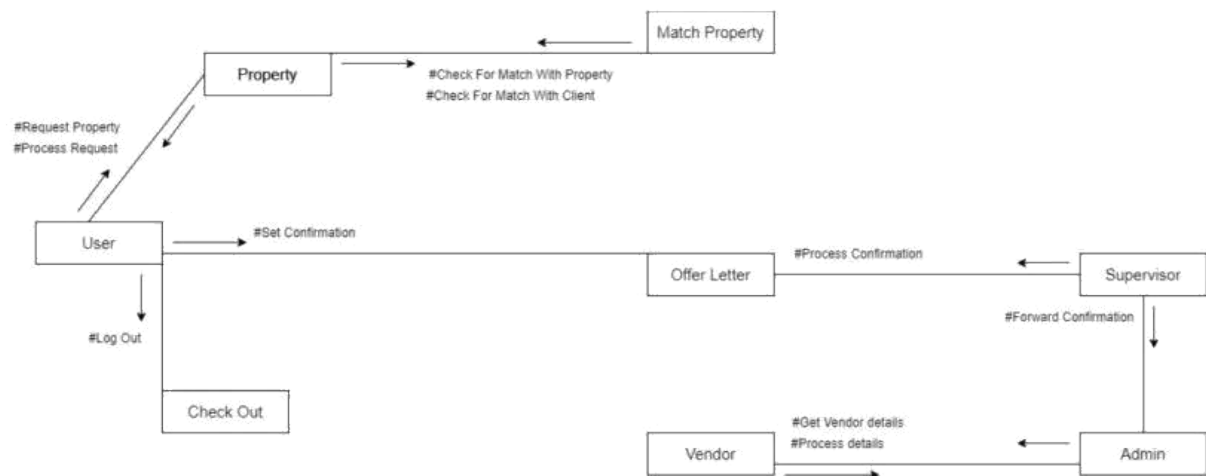
Sequence Diagram

Deployment Diagram

«device»
Database Server

«artifact»
SQL database

«device»
Web Server

«artifact»
index.php

«device»
User PC

«device»
Web Browser

«artifact»
HTML5 player

port 80
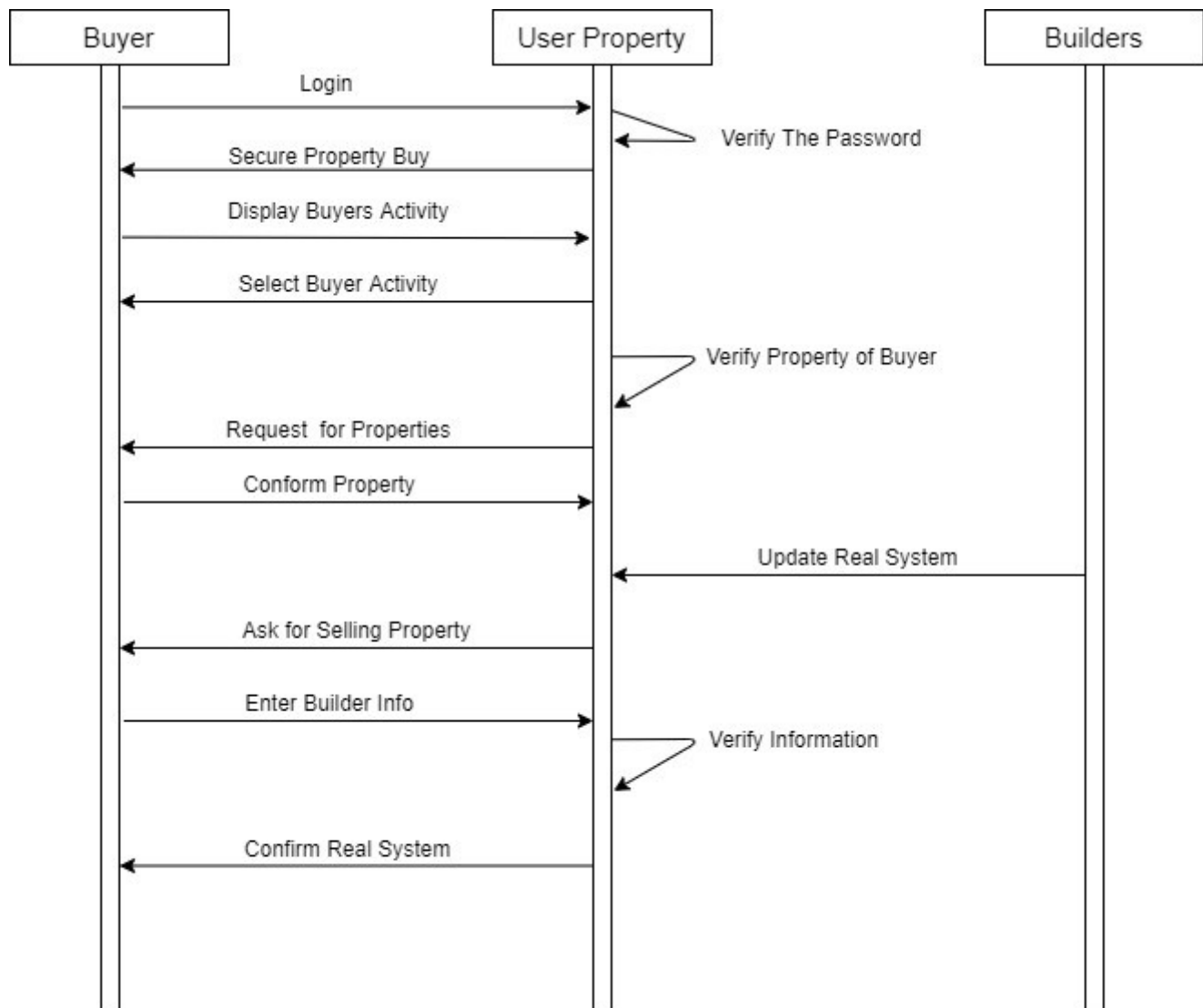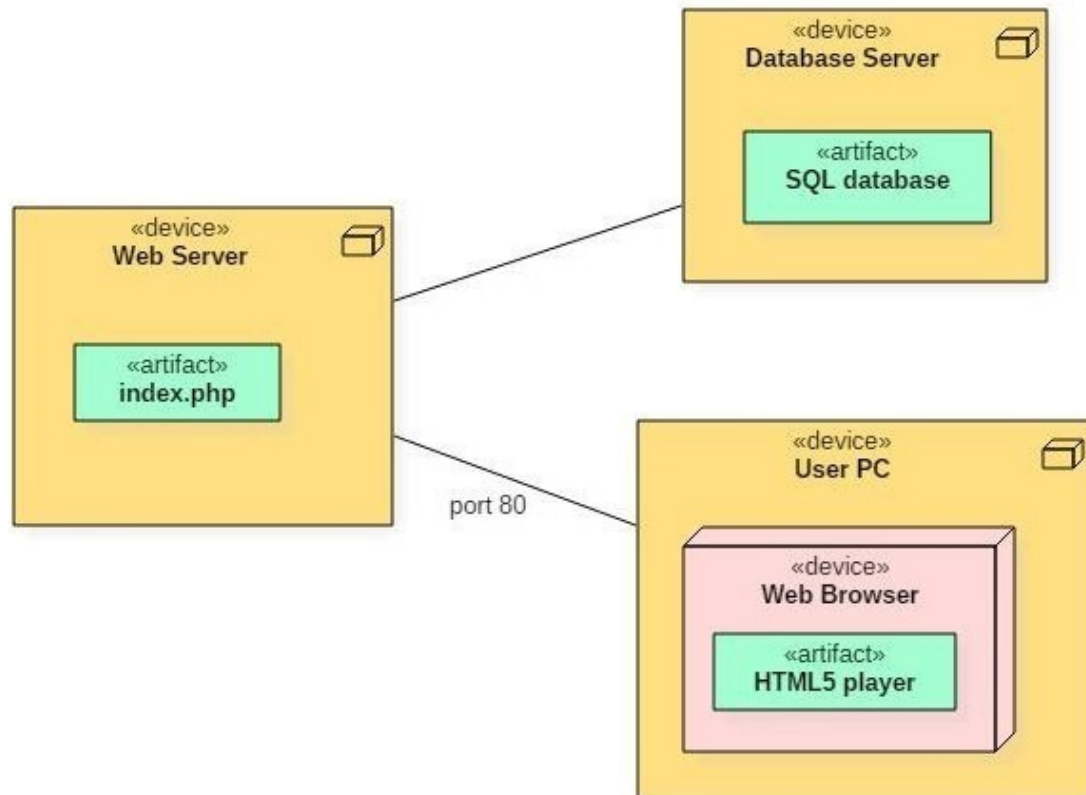
Component Diagram
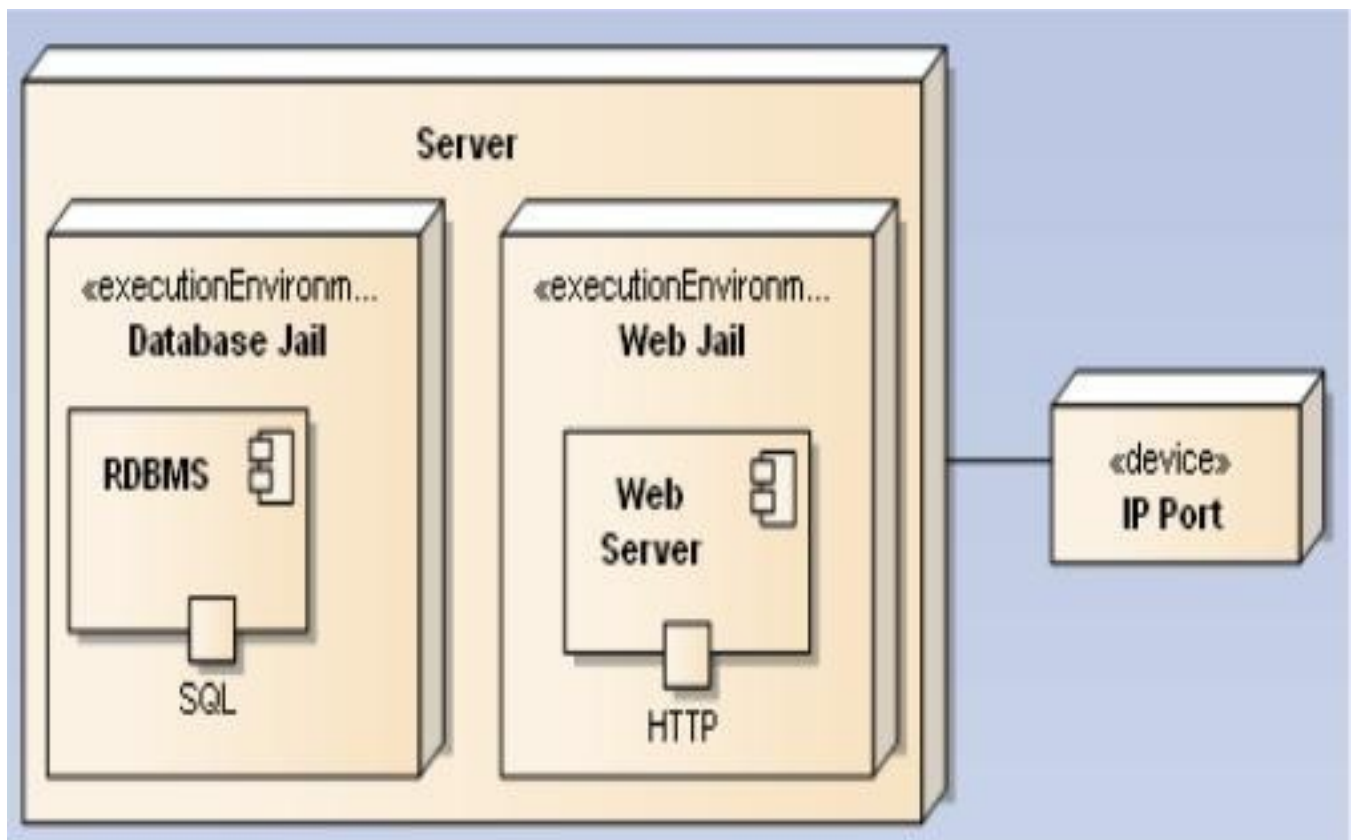
Sample I/O Screen

1.Registration Page

Real Estate

Authenticate Property

Latest Properties

Search | SEARCH

User Credentials

LOGIN

REGISTER

Register User

Enter Name

Enter Email
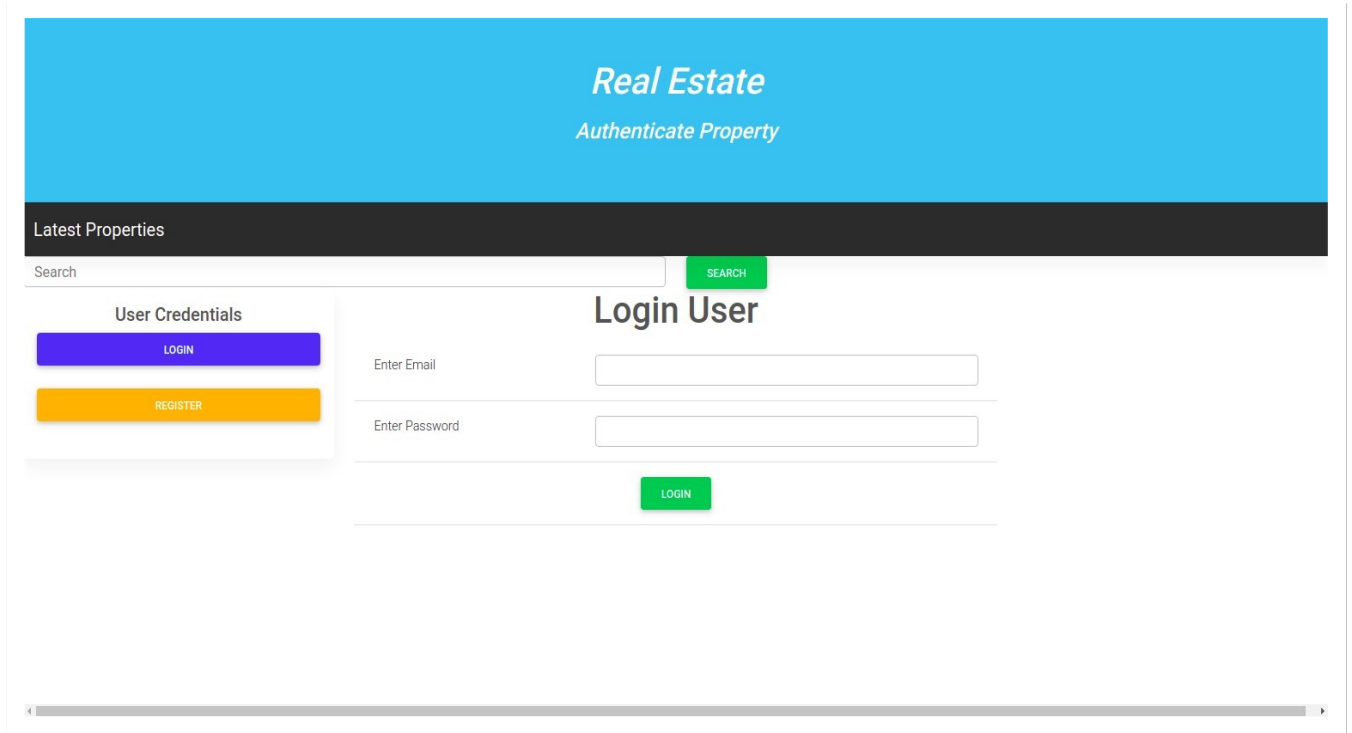
Enter Password

Enter Phone

City Name | Nashik

REGISTER

2. Login Page

Real Estate
Authenticate Property

Latest Properties

Search | SEARCH

User Credentials

LOGIN

REGISTER
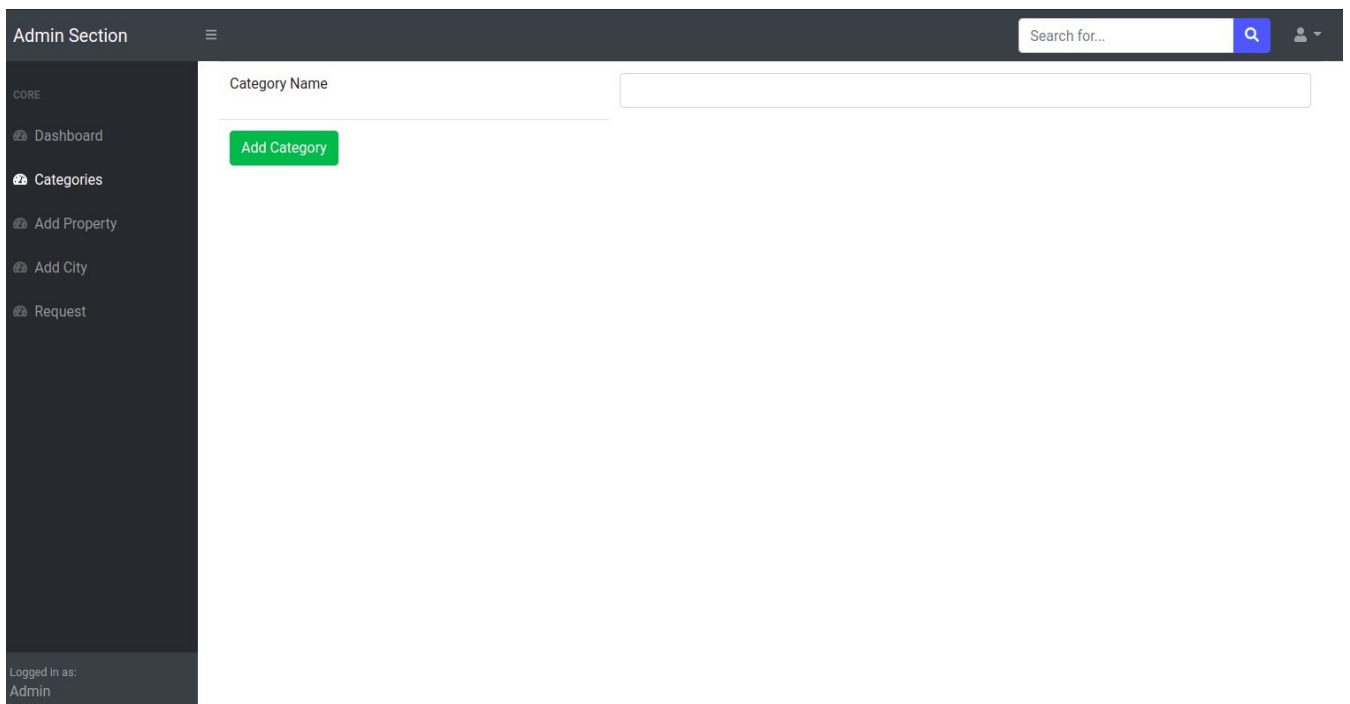
Login User

Enter Email

Enter Password

LOGIN

3. Category Page

Admin Section ≡ | Search for... | 🔍 | 👤▾

CORE

- 🖥 Dashboard
- 🖥 Categories
- 🖥 Add Property
- 🖥 Add City
- 🖥 Request

Category Name

Add Category

Logged in as:
Admin

4. Add Property Page

25

Admin Section ≡

Search for... 🔍 👤▾

CORE

🔩 Dashboard
🔩 Categories
🔩 Add Property
🔩 Add City
🔩 Request

City Name	

Add City

Logged in as:
Admin

Admin Section ≡

Search for... 🔍 👤▾

CORE

🔩 Dashboard
🔩 Categories
🔩 Add Property
🔩 Add City
🔩 Request

Name	ram
Email	ram@gmail.com
Phone	1234567890
Property Name	New 3BHK Spacious Flat
Price	7500000
Description	Road Front Property

Logged in as:
Admin

5. Property Page

Category	3BHK
Video	Real Estate Property Video Tour Example realestate video example Watch on YouTube
Description	Road Front Property
Price	Rs. 7500000
Address	Flat no 2, Rose Park, Canada Corner, Nashik
	REQUEST
	SHOW MORE

localhost/RealEstate/request.php?id=3

Save password?

Username ram@gmail.com

Password •••

Never   Save

Property Name	New 3BHK Spacious Flat
Video	Real Estate Property Video Tour Example realestate video example Watch on YouTube
Description	Road Front Property
Price	Rs. 7500000
Address	Flat no 2, Rose Park, Canada Corner, Nashik

Save password?

Username ram@gmail.com

Password •••

Never   Save

Property Name	New 3BHK Spacious Flat
Video	
Description	Road Front Property
Price	Rs. 7500000
Address	Flat no 2, Rose Park, Canada Corner, Nashik

Conclusion

- The present is manual processes are time consuming and prone to error.
- Manual entries cause errors while registering the data.
- The computerized system arranges all sequentially which ensures quick retrieval of required entries whenever necessary.
- It is less time consuming and more accurate.
- This is our sincere efforts to make this software standup to both customer as well as owner.

Advantages

a. speed and accuracy of operation, b. Time

Efficiency, c. Cost Efficiency,

d. Automatic data validation,

e. Data security and reliability,

f. Dynamic and User Friendly,

g. Generates real-time, comprehensive reports

h. Ensures access to complete and critical information, instantly.

Bibliography

at time of developing a computerized system following books and websites are been referred which supported us and give us important guideline for designing, developing and also documentation purpose.

- **Websites:**
    1. http://www.tutorialspoint.com/
    2. https://www.w3schools.com/