

## **Department of Computer Science and Engineering**

Report on Mini Project

# **Real Estate Management System**

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## ABSTRACT

The purpose of Real Estate Management System is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Real Estate Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. The organization can maintain computerized records without redundant entries. The aim is to automate its existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

## TABLE OF CONTENTS

<b>TitlePage</b> -----	<b>1</b>
<b>Abstract</b> -----	<b>2</b>
<b>TableofContents</b> -----	<b>3</b>
<b>Introduction</b> -----	<b>4</b>
<b>ProblemStatement</b> -----	<b>5</b>
<b>Objectives</b> -----	<b>6</b>
<b>Hardware/Software Requirement</b> -----	<b>9</b>
<b>Methodology</b> -----	<b>10</b>
<b>Implementation Details</b> -----	<b>19</b>
<b>Results</b> -----	<b>23</b>
<b>Conclusion and FutureScope</b> -----	<b>32</b>
<b>References</b> -----	<b>34</b>

## INTRODUCTION

The "Real Estate Management System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly. Real Estate Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Property Type, Property, Flats, Facility, Location. Every Real Estate Management System has different Property needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements. It is equipped with the right level of information and details for your future goals.

## PROBLEM STATEMENT

- Provides the searching facilities based on various factors. Such as Property, Property Details, Flats, Location.
- Real Estate Management System also manage the Facility details online for Flats details, Location details, Property.
- It tracks all the information of Property Type, Facility, Flats etc
- Manage the information of Property Type.
- Shows the information and description of the Property, Property Details To increase efficiency of managing the Property, Property Type It deals with monitoring the information and transactions of Flats.
- Manage the information of Property.
- Editing, adding and updating of Records is improved which results in proper resource management of Property data.
- Manage the information of Flats.

## **OBJECTIVES:**

Objective of Project on Real Estate Management System:

The main objective of the Project on Real Estate Management System is to manage the details of Property, Property Type, Property Details, Flats, Location. It manages all the information about Property, Facility, Location, Property. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Property, Property Type, Facility, Property Details. It tracks all the details about the Property Details, Flats, Location.

## **Functionalities provided by Real Estate Management System are as follows:**

- Provides the searching facilities based on various factors. Such as Property,
- Property Details, Flats, Location
- Real Estate Management System also manage the Facility details online for Flats details, Location details, Property.
- It tracks all the information of Property Type, Facility, Flats etc
- Manage the information of Property Type
- Shows the information and description of the Property, Property Details
- To increase efficiency of managing the Property, Property Type
- It deals with monitoring the information and transactions of Flats.
- Manage the information of Property
- Editing, adding and updating of Records is improved which results in

proper

- resource management of Property data.
- Manage the information of Flats
- Integration of all records of Location.

## Scope of the project Real Estate Management System

It may help collect perfect management in detail. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of the past year perfectly and vividly. It also helps in current all works relative to Real Estate Management System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly. Our project aims at Business process automation, ie. we have tried to computerize various processes of the Real Estate Management System.

- In the computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- In a computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes.
- It satisfy the user requirement
- Be easy to understand by the user and operator
- Be easy to operate

- Have a good user interface
- Be expandable
- Delivered on schedule within the budget.

## HARDWARE / SOFTWARE REQUIREMENTS:

Hardware Requirements:

Processor	Intel Pentium or above
RAM	128mb above
Hard disk	40gb and above

Software requirements:

Operating System	Windows
Frontend,UI	HTML, CSS,Bootstrap,Fontawesome
Backend	PHP
Database	MySQL
Editor	Visual Studio Code , Xampp

## METHODOLOGY:

### System Design of Real Estate Management System:

In this phase, a logical system is built which fulfills the given requirements. Design phase of software development deals with transforming the clients's requirements into a logically working system. Normally, design is performed in the following in the following two steps:

#### **1. Primary Design Phase:**

In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimizing the information flow between blocks. Thus, all activities which require more interaction are kept in one block.

#### **2. Secondary Design Phase:**

In the secondary phase the detailed design of every block is performed.

The general tasks involved in the design process are the following:

1. Design various blocks for overall system processes.
2. Design smaller, compact and workable modules in each block.
3. Design various database structures.
4. Specify details of programs to achieve desired functionality.
5. Design the form of inputs, and outputs of the system.
6. Perform documentation of the design.
7. System reviews.

### User Interface Design

User Interface Design is concerned with the dialogue between a user and the computer. It is concerned with everything from starting the

system or logging into the system to the eventually presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue.

**The following steps are various guidelines for User Interface Design:**

1. The system user should always be aware of what to do next.
2. The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area.
3. Message, instructions or information should be displayed long enough to allow the system user to read them.
4. Use display attributes sparingly.
5. Default values for fields and answers to be entered by the user should be specified.
6. A user should not be allowed to proceed without correcting an error.
7. The system user should never get an operating system message or fatal error.

**Model View Controller** or MVC as it is popularly called, is a software design pattern for developing web applications. A Model View Controller pattern is made up of the following three parts:

**Model** - The lowest level of the pattern which is responsible for maintaining data.

**View** - This is responsible for displaying all or a portion of the data to the

user.

**Controller** - Software Code that controls the interactions between the Model and View.

MVC is popular as it isolates the application logic from the user interface layer and supports separation of concerns. Here the Controller receives all requests for the application and then works with the Model to prepare any data needed by the View. The View then uses the data prepared by the Controller to generate a final presentable response.

## Modules

Real Estate Management System is a project which provides the facility where users can easily buy, sell 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

### **Admin Module:**

- 1.Insert properties:admin can insert the properties.
- 2.Insert categories: admin can insert the categories.
- 3.Insert Popular: Admin can insert the popular places.

4.Wishlist: Admin can view the products of the wishlists.

5.Logout: Admin can logout from the page.

### **User Module:**

1.[Home page](#): User can view the few limited properties in the home page, there is a side nav bar in which popular cities and categories are mentioned.

2.[Properties](#): All the properties are displayed without any limit.

3.[Register](#): User can either register or login.

4.[Wishlist](#): User can add the properties to the wishlist and it will be displayed in the wishlist.

5.[Total price](#): It dynamically displays the total cost of the property which are in the wishlist.

### **Input Data and Validation of Project on RealEstate Management System**

- All the fields such as Property, Property Details, Location are validated and does not take invalid values
- Each form for Property, Property Type, Facility can not accept blank value fields

- Avoiding errors in data
- Controlling amount of input
- Integration of all the modules/forms in the system.
- Preparation of the test cases.
- Preparation of the possible test data with all the validation checks.
- Actual testing done manually.
- Recording of all the reproduced errors.
- Modifications done for the errors found during testing.
- Prepared the test result scripts after rectification of the errors.
- Functionality of the entire module/forms.
- Validations for user input.
- Checking of the Coding standards to be maintained during coding.
- Testing the module with all the possible test data.
- Testing of the functionality involving all type of calculations etc.
- Commenting standard in the source files.

### **The software quality plan we will use the following SQA Strategy:**

- In the first step, we will select the test factors and rank them. The selected test factors such as reliability, maintainability., portability or etc, will be placed in the matrix according to their ranks.
- The second step is for identifying the phases of the development process. The phase should be recorded in the matrix.
- The third step is that identifying the business risks of the software deliverables.

The risks will be ranked into three ranks such as high, medium and low.

## Data Integrity and Constraints

Now we will see and discuss the structure of the database and how we manage all the data. Mostly it for database we can use any server as per the developer.Depends on the developer because developer know which database server is more feasible for the client.The first step in the database design was to analyze the data that would be collected and determine the expected uses of the.In each an every database we always check the proper data integrity and the list out the constraints if any constraints found in database.

**Data integrity** means the working of all data together by supporting each other, Here details, album info details and media details. If there are any need to see the working data together constraints then it needs to be solved for better integrity of data,Integrity constraints may take many different forms. For instance, property constraints define conditions on the admissible property values of an object of certain type.

**String Length Constraints:** require that the length of string value for an attribute has maximum, or a minimum.

**Mandatory Value Constraints:** require that a property must have a value. For instance, person has a name, so the attribute must not be empty.

**Range Constraints:** require that a property must have a value from the value space of the type that has been defined as its range. For instance, an integer attribute must not have the value

**Interval Constraints:** require that an attribute's value must be in a specific interval.

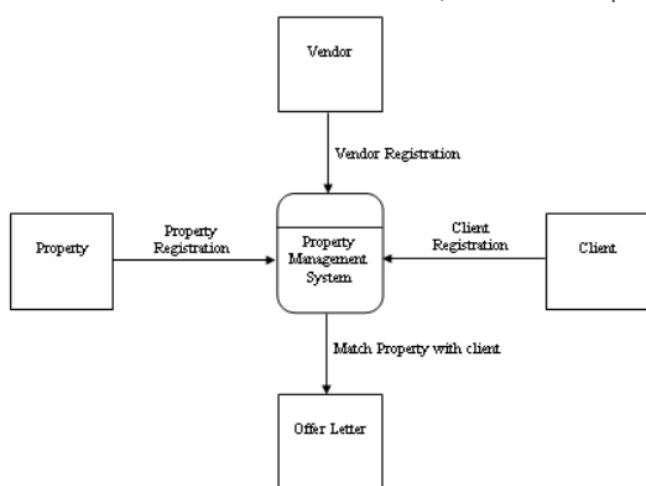
Integrity constraints may take many different forms. For instance, property constraints define conditions on the admissible property values of an object of certain type.

**String Length Constraints:** require that the length of string value for an attribute maximum, or a minimum.

**Pattern Constraints:** require that a string attribute's value must match a certain pattern typically defined by a regular expression.

**Cardinality Constraints:** apply to multi-valued properties, only, and require that the cardinality if a multi-valued property's value set is not less than a given minimum cardinality or not greater than a given maximum cardinality.

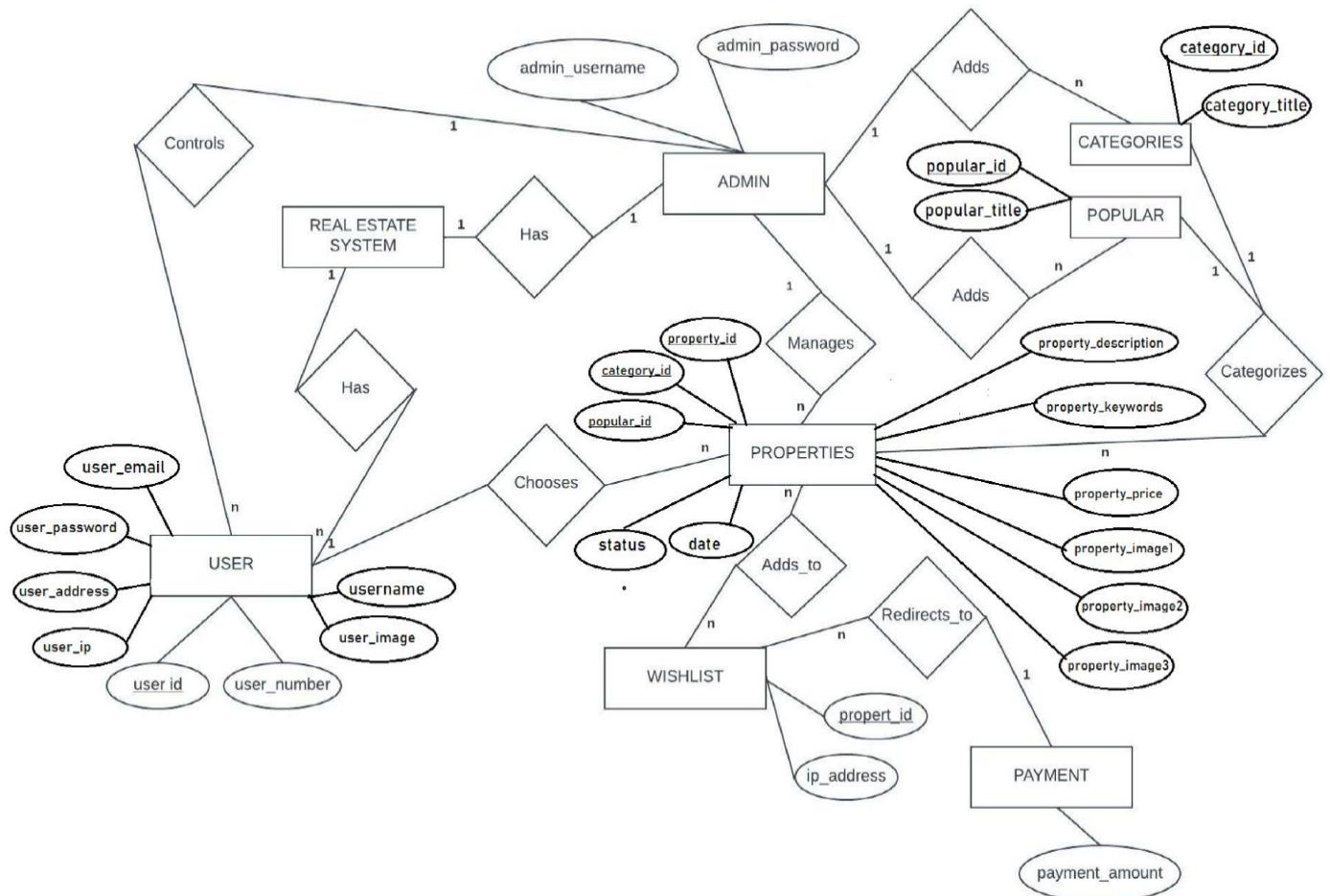
## Flow diagram of Real Estate Management:



Here Vendor is admin and Client is user

## Design of Real Estate Management:

### ER Diagram



## Relational Schema

ADMIN

admin_username	admin_password
----------------	----------------

USER\_TABLE

user_id	username	user_email	user_image	user_password	user_address	user_ip	user_number
---------	----------	------------	------------	---------------	--------------	---------	-------------

CATEGORY

category_id	category_title
-------------	----------------

POPULAR

popular_id	popular_title
------------	---------------

PROPERTIES

property_id	property_description	property_keywords	category_id	popular_id	property_image1	property_image2	property_image3	property_price	date	status
-------------	----------------------	-------------------	-------------	------------	-----------------	-----------------	-----------------	----------------	------	--------

WISHLIST

property_id	ip_address
-------------	------------

PAYMENT

payment_amount
----------------

## IMPLEMENTATION:

### Backend development with PHP and MySql:

PHP is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications.

- PHP stands for Hypertext Preprocessor.
- PHP is an interpreted language, i.e., there is no need for compilation.
- PHP is faster than other scripting languages, for example, ASP and JSP.
- PHP is a server-side scripting language, which is used to manage the dynamic content of the website.
- PHP can be embedded into HTML.
- PHP is an object-oriented language.
- PHP is an open-source scripting language.
- PHP is simple and easy to learn language.

### Mysql:

MySQL is a Relational Database Management System (RDBMS) software that provides many things, which are as follows:

- It allows us to implement database operations on tables, rows, columns, and indexes.
- It defines the database relationship in the form of tables (collection of rows and columns), also known as relations.
- It provides the Referential Integrity between rows or columns of various tables.
- It allows us to update the table indexes automatically.
- It uses many SQL queries and combines useful information from multiple tables for the end-users.

## Xampp:

XAMPP is the title used for a **compilation of free software**. The name is an acronym, with each letter representing one of the five key components. The software packet contains the web server **Apache**, the relational database management system **MySQL** (or **MariaDB**), and the scripting languages **Perl** and **PHP**. The initial **X** stands for the operating systems that it works with: Linux, Windows, and Mac OS X.

- **Apache:** The open source web server Apache is the most widely used server worldwide for delivery of web content. The server application is made available as a free software by the Apache Software Foundation.
- **MySQL/MariaDB:** in MySQL, XAMPP contains one of the most popular relational database management systems in the world. In combination with the web server Apache and the scripting language PHP, MySQL offers data storage for web services. Current XAMPP versions have replaced MySQL with MariaDB (a community-developed fork of the MySQL project, made by the original developers).
- **PHP:** the server-side programming language PHP enables users to create dynamic websites or applications. PHP can be installed on all platforms and supports a number of diverse database systems.
- **Perl:** the scripting language Perl is used in system administration, web development, and network programming. Like PHP, Perl also enables users to program dynamic web applications.

## Installing Xampp :

Step 1: Download

Step 2: Run .exe file

Step 3: Deactivate any antivirus software

Step 5: Start the setup wizard

Step 6: Choose software components

Step 7: Choose the installation directory

Step 8: Start the installation process

Step 9: Windows Firewall blocking

Step 10: Complete installation

- After Installing Xampp ,start apache,mysql.
- Go to localhost/phpmyadmin to create database and manage database(in chrome url).
- Go to localhost/filename to open particular webpage.

***Some usage of built-in functions are as mentioned below:***

- Converting a string of letters to uppercase and lowercase
- Displaying and using the date and time
- Initializing and closing a database connection
- Declaring and using an array
- Handling files
- Accessing data in forms
- Filesystem Functions
- Function to open FTP connections
- Email related functions
- Mathematical Functions
- MySQL specific functions
- URL Functions
- Image functions

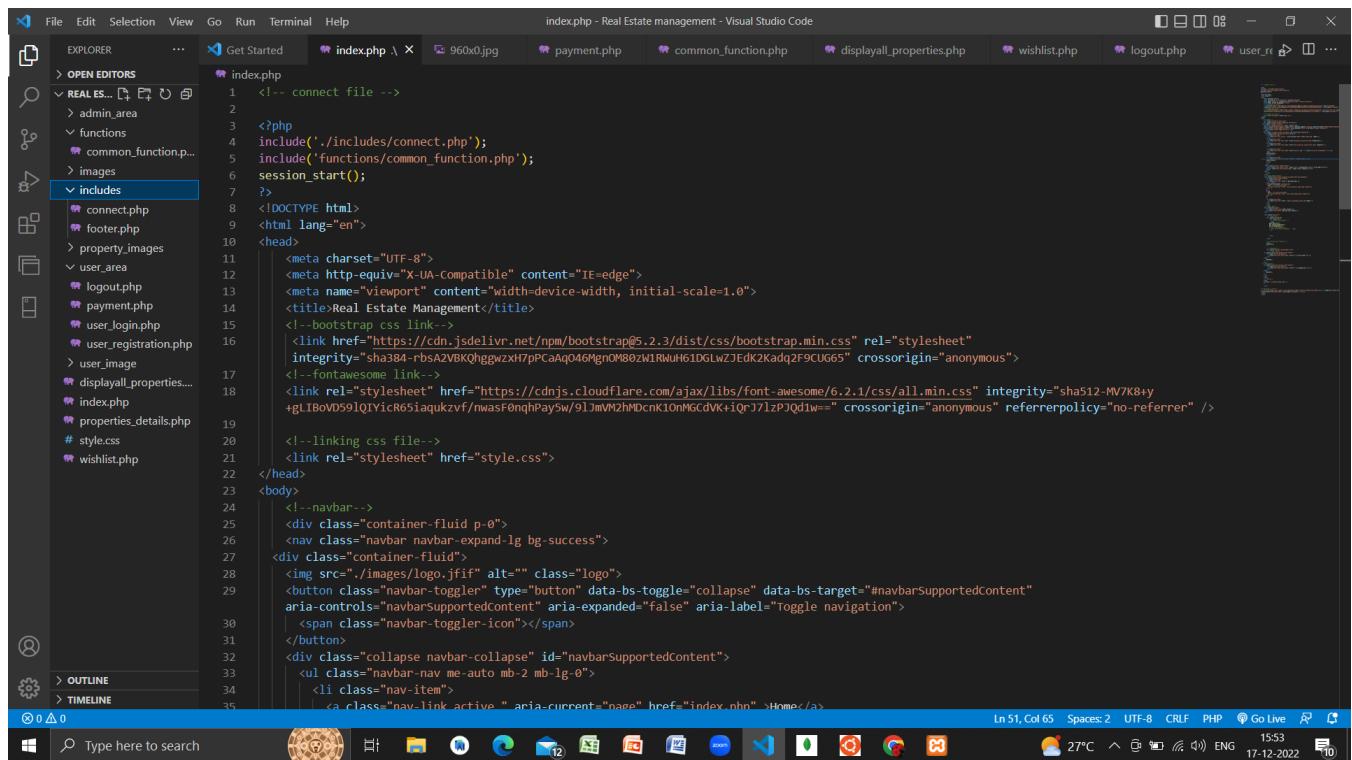
***Using Your own PHP Function (User Defined Functions)***

- You can also create your own functions.
- First, you need to give it a name.
- All functions in PHP start with function().
- Functions can also accept parameters.
- A function can also be used to return values.

## Example:

```
<?php
function myFunction(){
    echo "Example PHP function";
}
myFunction();
?>
```

## Code snippet:



The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows the project structure under "REAL ES...". The "includes" folder is selected.
- Code Editor:** Displays the content of index.php. The code includes:
  - HTML header with meta charset="UTF-8" and viewport content="width=device-width, initial-scale=1.0".
  - A title tag: <title>Real Estate Management</title>.
  - Bootstrap CSS imports:
    - <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-rbsA2ZBKjkXhjDcHtPZlJzJnA3E8h1K4/fQc2aJXN/2cWZfFVJXxWzWZcCnUk" crossorigin="anonymous">
    - <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.2.1/css/all.min.css" integrity="sha512-MV7K8+y+L8/PQ+4c7PsqYgj6aOgqB+sxt4uqKzvzf/nwasf0nqhPay5w/91)MmM2hMDcnk1OnMGcdV+k+iQrJ7lzPJQd1w==" crossorigin="anonymous" referrerpolicy="no-referrer" />
  - Link to style.css: <link rel="stylesheet" href="style.css">.
  - HTML body starting with a navbar fluid container.
- Status Bar:** Shows "Ln 51, Col 65" and other system information like "27°C", "ENG", and "17-12-2022".

## RESULTS:

Website is completely dynamic except for the payment page with various features and the admin can manage all the user details, properties, insertion, deletion etc...

### UI And Database:

**1. Home page:** When we click on the home button on the navbar

The screenshot shows a web browser window with the URL [localhost/Real%20estate%20management/index.php](http://localhost/Real%20estate%20management/index.php). The page has a green header bar with the title "Real estate management system". Below the header, there's a navigation bar with links for "Home", "Properties", "Register", and a search bar. A message "Total price: ₹ 29700" is displayed. The main content area is titled "Real Estate" and "Buy and sell places". It features three property cards: "Resort" (best resort to stay, Price: ₹29700/-), "Flat in mumbai" (flat for sale with best vfacilities, Price: ₹100000000/-), and "Land in Karnataka" (Best green lands for sale, Price: ₹1200100/-). Each card has "Add to Wishlist" and "View more" buttons. To the right, there's a sidebar with "Top rated" (Delhi, mumbai, Karnataka, bangalor) and "Categories" (resort, land, Flat). At the bottom, it says "All rights reserved @-designed by Sammitha,Reshal-2022".



## 2. View more: To display all properties.

The screenshot shows a web browser window with four tabs open. The active tab is 'localhost/Real%20estate%20management/properties\_details.php?property\_id=1'. The page header includes a logo, navigation links for Home, Properties, Register, and Admin, and a total price of ₹101229800. Below the header, there's a welcome message for 'Guest' and links for Login and Admin. The main content area features a large image of a modern multi-story residential building. Below the image, the text reads 'Flat in mumbai', 'flat for sale with best vfacilities', and 'Price:₹100000000/-'. There are two buttons: 'Add to Wishlist' and 'GO HOME'. To the right of the main content, there are two smaller images labeled 'Related property' and 'Top rated' with a list of cities: Delhi, mumbai, Karnataka, and bangalor. A sidebar on the right lists categories: resort, land, and Flat. At the bottom, a blue footer bar contains the text 'All rights reserved @-designed by Sammitha,Reshal-2022'.

## 3. Register: To register new user.

The screenshot shows a web browser window with four tabs open. The active tab is 'localhost/Real%20estate%20management/user\_area/user\_registration.php'. The page title is 'New User Registration'. The form consists of several input fields: 'Username' (placeholder 'Enter your username'), 'Email' (placeholder 'Enter your email'), 'User Image' (file upload field with placeholder 'Choose File' and 'No file chosen'), 'Email' (placeholder 'Enter your password'), 'confirm password' (placeholder 'Confirm your password'), 'Address' (placeholder 'Enter your address'), 'contract' (placeholder 'Enter your mobile number'), and a 'Register' button. Below the form, a link says 'Already have an account? [Login](#)'. The browser's taskbar at the bottom shows various pinned icons and the system status bar indicates it's 27°C, 17-12-2022, and 13:29.

## 4.Login: To login if user already registered.

User login

Username  
Enter your username

Password  
Enter your password

Login

Dont have an account? [Register](#)

## 5.Wishlist: Properties when pressed add to wishlist is stored in this webpage

property Title	property Image	Total Price	Remove	Operations
Flat in mumbai		100000000/-	<input checked="" type="checkbox"/>	<a href="#">remove wishlist</a>
Land in Karnataka		1200100/-	<input checked="" type="checkbox"/>	<a href="#">remove wishlist</a>
Resort		29700/-	<input type="checkbox"/>	<a href="#">remove wishlist</a>

Subtotal:₹ 101229800 /-

[Continue Exploring](#) [Checkout](#)

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## 6.Checkout:checkout leads to static payment page

The screenshot shows a web browser window with the URL [localhost/Real%20Estate%20management/user\\_area/payment.php](http://localhost/Real%20Estate%20management/user_area/payment.php). The page is titled "QuickPay" with a logo. It displays an order number (16474515345) and a customer number (1000). Below this, there is a form for entering payment details: "Card number" (input field), "Expiration date" (MM YY input fields), "CVV/CVD" (input field with a question mark icon), and logos for various payment methods including DKB, JCB, American Express, MasterCard, and VISA. A large blue button at the bottom says "Pay 1.00 DKK". Below the form, there is a section titled "Other Payment Methods" with a "MobilePay" logo. At the bottom right of the page is a "Cancel Payment" link. The browser's taskbar at the bottom shows other open tabs and system icons.

## 7.Admin login

The screenshot shows a web browser window with the URL [localhost/Real%20Estate%20management/admin\\_area/admin\\_login.php](http://localhost/Real%20Estate%20management/admin_area/admin_login.php). The page is titled "Admin login". It has two input fields: "Username" (placeholder "Enter your username") and "Password" (placeholder "Enter your password"). Below these is a blue "Login" button. The browser's taskbar at the bottom shows other open tabs and system icons.

## 8.Admin dashboard

The screenshot shows a Windows desktop environment with a browser window open to the 'Admin Dashboard' of a Real Estate Management System. The browser tabs include 'dbms project (2) (1).docx - Google Docs', 'Report-Format-20CSE41 (1).docx', 'Real estate management system', and 'Admin Dashboard'. The main content area has a blue header bar with the 'Welcome guest' message. Below it, a dark grey navigation bar contains a logo, the text 'Admin Name', and five buttons labeled 'Insert properties', 'Insert Popular', 'Insert categories', 'Wishlist', and 'Logout'. The central area is titled 'Manage details'. At the bottom, a footer bar displays 'All rights reserved @-designed by Sammitha.Reshal-2022'. The taskbar at the bottom of the screen shows various pinned icons and the system clock indicating 13:36 on 17-12-2022.

## 9.Insert Popular and Categories

The screenshot shows a continuation of the Admin Dashboard from the previous image. The browser window is now on the 'insert\_popular' page. The title 'Insert Popular' is displayed above a form field containing the placeholder text 'Insert Popular'. Below the form is a blue button labeled 'Insert popular'. The rest of the interface is identical to the 'Manage details' page, including the top header, navigation bar, and footer.

# Real Estate Management System

The screenshot shows a web browser window with the URL [localhost/Real%20Estate%20management/admin\\_area/index.php?insert\\_category](http://localhost/Real%20Estate%20management/admin_area/index.php?insert_category). The page title is "Manage details". On the left, there's a sidebar with a logo and the text "Admin Name". Below the sidebar are five buttons: "Insert properties", "Insert Popular", "Insert categories" (which is highlighted in blue), "Wishlist", and "Logout". The main content area has a title "Insert Categories" and a single button labeled "Insert categories". At the bottom of the page, a footer bar displays "All rights reserved @-designed by Sammitha,Reshal-2022". The system is running on Windows 10, as indicated by the taskbar at the bottom.

## 10:Insert Properties

The screenshot shows a web browser window with the URL [localhost/Real%20Estate%20management/admin\\_area/insert\\_properties.php](http://localhost/Real%20Estate%20management/admin_area/insert_properties.php). The page title is "Insert Properties". The form fields include:

- Property title: A text input field with placeholder text "enter product title".
- Property description: A text input field with placeholder text "enter product description".
- Property keywords: A text input field with placeholder text "enter product keywords".
- Select Category: A dropdown menu currently set to "Select Category".
- Select Popular: A dropdown menu currently set to "Select Popular".
- Property image 1: A file upload input field with placeholder text "Choose File" and "No file chosen".
- Property image 2: A file upload input field with placeholder text "Choose File" and "No file chosen".
- Property image 3: A file upload input field with placeholder text "Choose File" and "No file chosen".
- Property price: A text input field.

The system is running on Windows 10, as indicated by the taskbar at the bottom.

## 11:Database All Tables

The screenshot shows the phpMyAdmin interface for the 'properties' database. The left sidebar lists databases: information\_schema, music\_user, mysql, performance\_schema, phpmyadmin, properties, realestatephp, test, and user\_table. The 'categories' table is selected under the 'properties' database. The main area displays the 'categories' table with the following data:

category_id	category_title
1	resort
2	land
3	Flat

Below the table, there are 'Query results operations' buttons: Print, Copy to clipboard, Export, Display chart, and Create view. There is also a 'Bookmark this SQL query' section with a 'Label:' input field and a checkbox for 'Let every user access this bookmark'.

The screenshot shows the phpMyAdmin interface for the 'properties' database. The left sidebar lists the same databases as the previous screenshot. The 'payment' table is selected under the 'properties' database. A warning message at the top states: "Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available." The main area displays the 'payment' table with the following data:

payment_amount
100029700
100029700
100029700
100029700
101330010
101330010
101330010
129910
100129910
100129910
29700
29700
101229800

Below the table, there is a 'Filter rows: Search this table' input field. The bottom of the screen shows a Windows taskbar with various application icons.

# Real Estate Management System

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=properties&table=popular

**phpMyAdmin**

Server: 127.0.0.1 > Database: properties > Table: popular

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 3 (total: 4) Query took 0.0006 seconds.

SELECT \* FROM `popular`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

	popular_id	popular_title
<input type="checkbox"/>	1	Delhi
<input type="checkbox"/>	2	mumbai
<input type="checkbox"/>	3	Karnataka
<input type="checkbox"/>	4	bangalor

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=properties&table=popular

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=properties&table=properties

**phpMyAdmin**

Server: 127.0.0.1 > Database: properties > Table: properties

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 4 (total: 5) Query took 0.0005 seconds.

SELECT \* FROM `properties`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

	property_id	property_title	property_description	property_keywords	category_id	popular_id	property_image1	property_image2	property_image3	property_price	date	st
<input type="checkbox"/>	1	Flat in mumbai	flat for sale with best vfacilities	flat	3	2	images (5).jfif	download (2).jfif	images (7).jfif	10000000	2022-12-16 08:05:54	tru
<input type="checkbox"/>	2	Land in Karnataka	Best green lands for sale	land	2	3	download (5).jfif	images (11).jfif	images (10).jfif	1200100	2022-12-16 08:09:02	tru
<input type="checkbox"/>	3	Resort for rent	best resort for rent in Delhi	resort	1	1	b4.jpeg	b5.jpeg	images (2).jfif	100210	2022-12-16 08:11:45	tru
<input type="checkbox"/>	4	Resort	best resort to stay	resort	1	1	images (8).jfif	house-1867187_1920.jpg	house-1836070_480.jpg	29700	2022-12-16 08:36:18	tru
<input type="checkbox"/>	5	resort	restart stay	resort	1	1	b1.jpeg	b7.jpeg	b7.jpeg	1000000	2022-12-16 08:25:49	tru

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=properties&table=properties

# Real Estate Management System

The screenshot shows the phpMyAdmin interface for the 'user\_table' in the 'properties' database. The table has columns: user\_id, username, user\_email, user\_password, user\_image, user\_ip, user\_address, and user\_mobile. There are three rows of data:

user_id	username	user_email	user_password	user_image	user_ip	user_address	user_mobile
1	sammitha	sammithas318@gmail.com	sammitha	images (4).jfif	::1	11-150	7676493889
2	reshal	reshalm@gmail.com	reshal	b8.jpeg	::1	11-3889	7685948586
3	dummy	dummytry@gmail.com	dummy	b8.jpeg	::1	11-150	34456677777

The screenshot shows the phpMyAdmin interface for the 'wishlist' table in the 'properties' database. The table has columns: property\_id and ip\_address. There are three rows of data:

property_id	ip_address
1	::1
2	::1
4	::1

## **CONCLUSION AND FUTURE SCOPE:**

### **Conclusion:**

The main purpose to develop this real estate management system project to resolve the issue of both buyer and seller. The seller can submit the property what he wants to sale with a full house or flat detail such as location, area, hall, kitchen, furnished, semi-furnished, price, and all facilities can list in the form, Buyer can search the property according to their budget, location then direct contact to the seller.

In these days there is a lot of demand of online real estate website so we provide the users with a platform where they can easily find the best available properties and can bid for the property. The website will have the properties within the whole country.

### **We can also conclude that:**

- A description of the background and context of the project and its relation to work already done in the area.
- Made a statement of the aims and objectives of the project.
- The description of Purpose, Scope, and applicability.
- We define the problem on which we are working in the project.
- We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
- We included features and operations in detail, including screen layouts.
- We designed user interface and security issues related to system.

## Future Scope of the Project:

- In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:
- We can add printer in future.
- We can give more advance software for Real Estate Management System including more facilities
- We will host the platform on online servers to make it accessible worldwide
- Integrate multiple load balancers to distribute the loads of the system
- Create the master and slave database structure to reduce the overload of the database queries
- Implement the backup mechanism for taking backup of codebase and database on a regular basis on different servers.

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Property and Property Type. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the Real Estate Management System. Enhancements can be done to maintain all the Property, Property Type, Property Details, Flats, Location.

We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would like to thanks all the persons involved in the development of the system directly or indirectly.

## **REFERENCES:**

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Bootstrap:<https://getbootstrap.com/docs/5.2/getting-started/introduction/>

Font\_awesome:<https://cdnjs.com/libraries/font-awesome>

Youtube tutorials