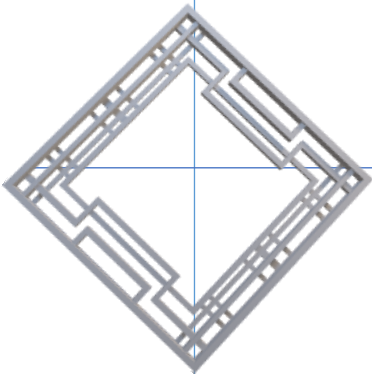# 1.INTRODUCTION

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1.1 INTRODUCTION

Real estate is a type of business for selling, buying, renting land, buildings and offices. Real estate agencies duties include, to give the property on rent or else to sell the property. Properties like building, retail sites, flats, houses, bungalows etc. Many people search for property for many purposes like residence, offices, faculty and etc. Every individual wants his house to be in the best location with best facilities. Offices should be near market area in order to increase sales and productivity. The manual real estate agency follows a lengthy and hectic process. People need to meet the agent in person, for checking the Property details and also needs to visit the location. it takes long time to look for the desired location and desired type of property. Thus, Projects has proposed a Real estate management system to overcome this difficulty. This online Property management system can help you to get best property by just sitting at home or anywhere. People can book their favourite property online just after a few clicks. In this system the agents can add the property for selling/ renting purpose and users can buy or book a property for rent. This system has two modules namely, Admin and User. Admin can add the property details for buildings, retail sites, flats, houses, bungalows. Admin can also add the advertises of properties and also can check the list of registered clients. Users need to register and then login just by using credentials. Users can view the properties for rent or for buying purpose. He/ she can mark the favourite properties and can also book appointment for visiting the viewed favourite places.

Real estate encompasses the land, plus any permanent man-made additions, such as houses and other buildings. Any additions or changes to the land that affects the property's value are called an improvement.

Once land is improved, the total capital and labor used to build the improvement represent a sizable fixed investment. Though a building can be razed, improvements like drainage, electricity, water and sewer systems tend to be permanent.

Types of real estate system.:-

Residential real estate: Any property used for residential purposes. Examples include single-family homes, condos, cooperatives, duplexes, townhouses, and multifamily residences.

Commercial real estate: Any property used exclusively for business purposes, such as apartment complexes, gas stations, grocery stores, hospitals, hotels, offices, parking facilities, restaurants, shopping centers, stores, and theaters.

Industrial real estate: Any property used for manufacturing, production, distribution, storage, and research and development.

Land: Includes undeveloped property, vacant land, and agricultural lands such as farms, orchards, ranches, and timberland.

Special purpose: Property used by the public, such as cemeteries, government buildings, libraries, parks, places of worship, and schools.

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1.2 OBJECTIVE

The introduction specifies information about the project and also specifies the following queries :-

What project is this?

How our project is?

What are various output of our project?

What Project is this?

In this rat race of globalization issue where 3rd world countries like India needs to compete with the first world country to mark its presence all it needs its technology and the closest hit is computers. Hence a computer has invaded all the fields. Just tried to give it an international touch. It is a Website project which is designed to simplify the process of Real Estate. In Real Estate there are lots of calculations like keeping record of Properties in terms of location, rate, number of registered members, and especially calculations of Loan EMI calculation concept at the time of transaction etc. These calculations are not only complicated but also brain eating. Our project also consists oftables to store, individual detail of property, customer's details, and feedback's details. So the owner can have all these details in his personal computers rather than having hundreds of registers. We are designing our project with the help of HTML5, CSS(SCSS), JAVASCRIPT, and node.js and wamp and apache SERVER as back end. The information about these applications is the following sections. So the project entitled "Online Real Estate Website" is an end user Website. The Real estate Website we are designing that helps the Developer to handle those task that had been handled manually.

The tasks like:

✓Seeping record of properties available.

✓Stores & gives details of properties

✓Maintaining record of customers visited his website

✓Displays information of customers

✓Displays information properties

✓Displays information of location.

✓Displays information of location placed by customer.

Attract New Business

Emphasize your trustworthiness when marketing to new clients, particularly with first-time homebuyers who rely on you to guide them through the process. Focus on your long-standing client relationships in your advertisements, integrating testimonials from past clients who were happy with a home or property they bought or sold. Show prospects photos of clients with their "sold" signs or in front of their homes to show the end result of the homebuying journey.

Retain Clients

Retaining old clients -- especially investors -- is another marketing objective. Investors often make multiple purchases over the years. Retaining residential clients will also benefit you with consistent, though less frequent, revenue flow. Show your buying and selling statistics to help establish long-term client relationships and underscore that the positive experience they've had with you will continue with future purchases. Print these numbers in promotional brochures and fliers, as well as in e-newsletter blasts to your contact lists.

Create Public Awareness

Branding is critical in most businesses, but particularly in real estate where the competition is fierce. Not only are you competing with other real estate businesses, but you're potentially losing the business of "do-it-yourself" buyers and sellers who work independently. Make your brand well known in your local area to attract the attention of buyers and divert them from your competitors. One way to do this is to sponsor community events and run ads in home decor sections of newspapers and magazines as well as on television stations such as HGTV.

Solidify Reputation

Your marketing materials should stress the qualities buyers look for in a real estate agent, including responsiveness, honesty, a cheerful demeanour and tough negotiating skills. Your campaigns should emphasize your professional ethics and note any membership in professional organizations; if you're a Realtor, your marketing materials should say so. Engage the public by answering real estate questions on Facebook or Twitter. This can establish you as an expert in the real estate industry who takes the time to engage with customers one on one.

1.3 SCOPE OF PROPOSE SYSTEM

The real estate industry is experiencing rapid changes due to new technology and an influx of capital. This capital increase should serve as a signal that the real estate industry is preparing to undergo rapid changes with the creation of new digital resources. Most notably, investors should be prepared for the ways online property listing platforms, smartphone apps, virtual reality, and blockchain technology will impact all aspects of real estate transactions.

Future of real estate portal project : -

Investors will soon begin to see more competition among property listing websites, all aimed at enabling aspiring or existing property owners to buy and sell with ease. While platforms like Zillow and Trulia have dominated the market for several years, similar platforms will continue to be released.

The popularity of online listing platforms means buyers and renters will have strong ideas of what they are looking for when searching for properties. Investors hoping to stay ahead of the curve will need to adapt to buyers (and sellers) who can access hundreds of property listings at the touch of a button. One way to stand out is by joining the smart home trend and adding appliances and other features that are compatible with new apps. These features are appealing to the tech-savvy demographic because of their increased security and energy efficiency.

Future Of Real Estate Agents : -

A growing disconnect between homeowners and real estate agents is among the biggest changes happening in real estate investing. Many find themselves asking: Is it better to list a property by yourself or enlist the help of a professional agent?

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To this day, real estate agents have yet to become obsolete, and it is hard to imagine that their services will ever not be needed. They offer too much value to the average homeowner.

The Future Of The Real Estate Housing Market : -

When it comes to metropolitan areas, real estate investors may begin to encounter renters of all ages looking for increased amenities. In today's market, parking and trash pick-up may be considered amenities, but moving forward, these may no longer suffice. The future of real estate will involve an increased focus on added features, like roof access, common areas, and even designated workspaces.

Investors operating multifamily properties may see these changes as early as this year, though they will only continue to evolve. Those hoping to stay ahead of the curve should keep an eye on comparable properties and other neighbourhoods offerings.

The future of real estate will also see a rise in luxury properties. As housing demand continues to rise, inventory (particularly luxury properties) will increase to accommodate home buyers.

Finally, all real estate professionals can expect to see an increase in green building practices and eco-friendly housing features.

Real estate investors focusing on new construction and flipping houses should keep these features in mind and incorporate them when necessary.

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2.REVIEW OF THE LITERATURE

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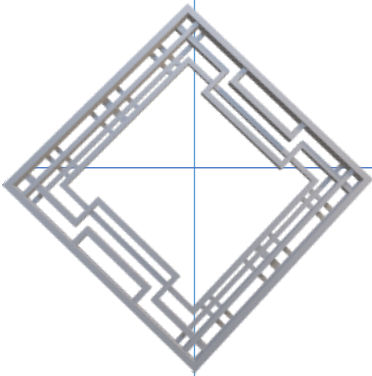
2.1 RELATED WORK

Dr.Suman Joshi, et. al(2015)[1] The focus of developers is to appoint independent project monitoring firms, to implement leading practices for project schedule, cost management, Management Information System (MIS) reporting and greater level of coordination. Firms such as MACE, Parson Brinkerhoff, Louisberger, etc. have ventured in India in recent past.1 The focus of developers is gradually shifting from cost towards quality. Developers are increasingly looking out for suppliers/vendors who can provide high quality material which results in operational or efficiency improvement. In addition to supplying materials, firms are also getting into the asset management business to provide post-sale services.

K.Saratbhai , et. al research(2014)[2]Investors will soon begin to see more competition among property listing websites, all aimed at enabling aspiring or existing property owners to buy and sell with ease. While platforms like Zillow and Trulia have dominated the market for several years, similar platforms will continue to be released.

Koshy A and Jha M, et. al(2009) [3] The popularity of online listing platforms means buyers and renters will have strong ideas of what they are looking for when searching for properties. Investors hoping to stay ahead of the curve will need to adapt to buyers (and sellers) who can access hundreds of property listings at the touch of a button. One way to stand out is by joining the smart home trend and adding appliances and other features that are compatible with new apps. These features are appealing to the tech-savvy demographic because of their increased security and energy efficiency.

Cooper Donald and Schindler PS(2014)[4]In the process of rapid social and economic development, housing as a household item for residents, its development speed is also accelerating. Affected by the previous planning, the real estate industry has a large stock at this stage. How to revitalize the city's stock assets is not only a key consideration for real estate companies under the current high pressure of land acquisition, but also one of the first problems that the local government solves to promote GDP growth. Based on the convenient conditions provided by big data technology, the establishment of a high-quality and reliable information management system

is of positive significance for improving the pertinence of the marketing process and improving the efficiency of real estate marketing.

India , PWS Report et. al research on(2014)[5]Real estate finds itself at a turning point in India today: new regulatory reforms, such as the Development Act, might well be as a critical game changers for all stakeholders as were the creation of Housing Finance Institutions (HFIs) in the 1970s and 1980s for the development of housing loans. However , real estate has not yet succeeded in establishing itself as a distinct academic field in India. Asa result, from the 50 mil lion people working for the real estate and construction sectors in the country, only 2 million are professionally qualified.

2.2 EXISTING SYSTEM

Real Estate Portal:

In this real estate portal you will get Original Properties that strictly follows all privacy terms and conditions. So, no more fraud can occur .

People often ask me, "what is the number one thing to be aware of (fill in blank here) in real estate investing, residential property management, or homeownership? My response often begins and ends with complacency. Complacency kills NOI (net operating income)! And complacency can let a matter of public safety dwell unnecessarily.

Zillow.com :-

A bad hire is one of the worst property management mistakes made in-house. The primary reason is that it is difficult to view the entirety of the damage done; in relationships with your property owner clients, with tenants and vendors.

Realtor.com :-

Tenant screening takes in a vast amount of data for consideration. Finding the balance for your assets requires time and testing, too tight, and no one qualifies, too loose, and everyone qualifies. Once your tenant screening standards are in place, use them, and do not deviate. If they are not working, evaluate, and change the criteria accordingly.

Redfin.com :-

Indoors. Outdoors. Running water is seldom positive. Find the pliers. Call the plumber, the roofer, the candlestick maker- whoever has the answer to get that water stopped

So, we confirm the entry of any property after getting the proper authorize best houses for you.

2.3 LIMITATION / DRAWBACKS

LIMITATIONS

Sales and Purchase Details:

Maintaining all the details like sales, purchase, Manufacturing preparing the Job card is a very tedious job.

1. Excess paper work : For maintaining of records lot of paper get wasted
2. Searching is very difficult : searching for details about particular Customer, Supplier, Product , etc is tedious.
3. Time Consuming: Due to manual entry it takes lot of time to record the data.
4. Misplacement of records : Since records are stored in registers so there is high risk of misplacement of records.
5. Manual Errors: While maintaining records error is bound to arise.
6. Improper product Info: As all the products information is maintained via templates, so when customer enquiries for a product so it becomes a tedious job to convey a customer. So because of these errors there is a chance of financial loss to the Company.
7. Excess paper work : For maintaining of records lot of paper get wasted
8. Searching is very difficult : searching for details about particular Customer, Supplier, Product , etc is tedious.
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DRAWBACKS

Guest

1. If there is a power failure while making a reservation, all the information has to be given again

2. If there is a power cut while there is a check-in or check-out, the guest need to wait for full server start up.

Staff

1. If one staff mistypes the information than the guest might get irate

2. If there is a power failure, while making a reservation than the staff must redo the whole reservation than the staff must redo the whole reservation

3. When night auditing is being done all other user's must be logged off

4. If there is a virus attack the stored information can be corrupt and thewrong information may be given to the guest which might make him irate

Hotel

1. All the staff needs to be trained on the software

2. The software needs to be renewed each year

3. High risk of virus attack as the systems are connected to the internet most of the time

4. If there is a virus attack the stored information might get corrupt

5. If there is a power failure, the hotel runs a high risk of loosing all the stored information

6. If night auditing is missed one day there might be a a havoc the next day.

7. Most cities / countries do not have local support. Support is possible via online only and sometimes it takes time.

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3.METHODOLOGY

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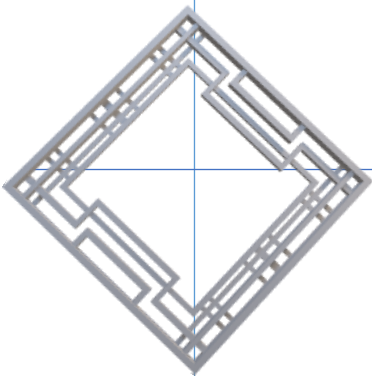
3.1 PROPOSED SYSTEM

First and foremost, real estate systems and processes can help business owners save time, so that they can serve more clients and increase profits in less time. By implementing automated systems, manual labor hours can be cut down significantly. This directly translates to cutting down on the cost of labor, such as outsourced work or office assistants. The process of cutting down human labor hours, through the integration of technology and taking away as many manual steps as possible, helps to minimize human error as well. This prevents small issues from turning into bigger ones over time. Business owners can use this newfound free time to their greatest possible advantage.

A second area that cannot be ignored is the ability to deliver consistent results through the use of technology and automation tools. By designing and implementing effective real estate systems, business owners can ensure the delivery of effective, efficient and repeatable results. These systems that produce reliable results ensure that professionals can meet the needs and expectations of clients in a consistent manner. This, in turn, will improve your brand and increase the proportion of repeated business. After all, repeat business can be a lucrative source of income for a real estate professional. Finally, business owners can devote their renewed availability of time and energy to activities that will help grow their business.

The importance of real estate systems is expressed through a business owner's ability to save time and pursue activities that support the growth of their business.

Learn how to create real estate systems and processes by following ten accessible steps.

Common real estate systems implemented by business owners include lead generation, follow-up, marketing and bookkeeping systems.

Real Estate Management System (REMS) is an online real estate software application that manages the overall operational activities and processes, starting from the management of the property, to the management of real estate agencies, agents, clients and financial transactions. It provides comprehensive reports for managing the Real Estate agency performance and efficiency, and enables the management for a better decision-making.

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3.2 SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS.

OS System :- Microsoft Windows 10

Version :- 10.0.19042 Build 19042

RAM :- 4GB

Processor :- Intel® Core™ i3 10105 CPU @ 3.70GHz

SOFTWARE REQUIREMENTS.

Server Side :-

1. PHP(PHP PDO).
2. AJAX
3. node.js

Client Side :-

1. HTML5
2. CSS3
3. SCSS
4. Bootstrap
5. Javascript

Databases :-
1. Mysql database
2. Maria database

Server :-
1. Wamp server.

Text editor :-
1. Sublime text editor.

Server Side languages :-

Server-side languages, as opposed to client-side languages, are programming languages that perform tasks on the server, before the page is sent to the browser for rendering.

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PHP

PHP is a general-purpose scripting language geared toward web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1993 and released in 1995. The PHP reference implementation is now produced by The PHP Group. PHP was originally an abbreviation of Personal Home but it now stands for the recursive initialism PHP: Hypertext Preprocessor.

AJAX(Asynchronous JavaScript And XML)

AJAX is not a programming language.
AJAX just uses a combination of:
A browser built-in XMLHttpRequest object (to request data from a web server)
JavaScript and HTML DOM (to display or use the data)
AJAX is a misleading name. AJAX applications might use XML to transport data, but it is equally common to transport data as plain text or JSON text.
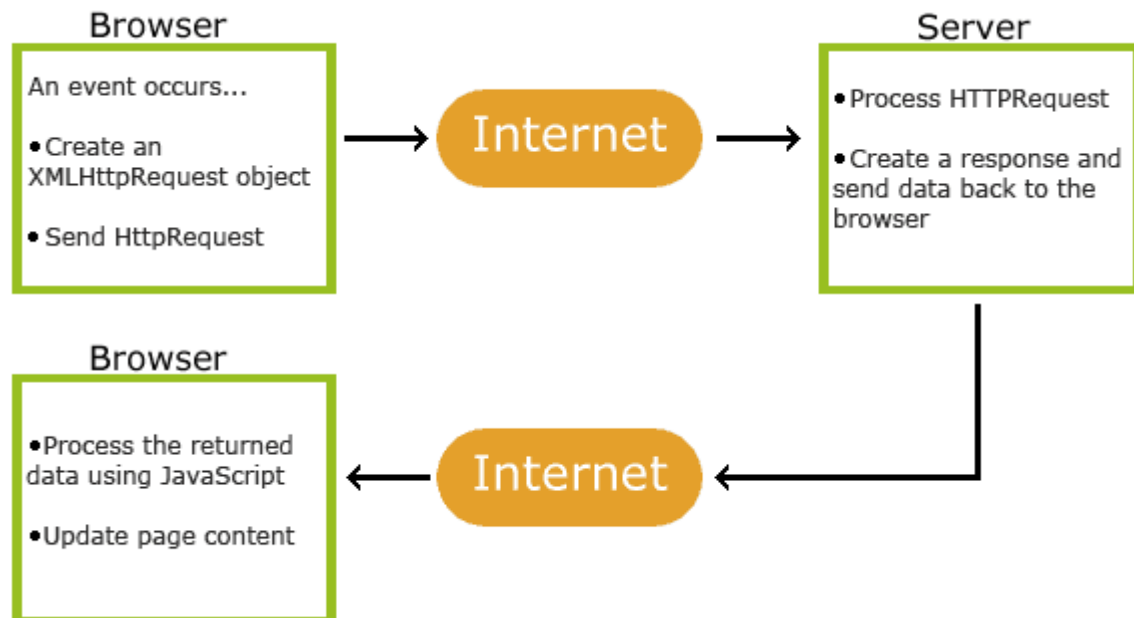
1. An event occurs in a web page (the page is loaded, a button is clicked)
2. An XMLHttpRequest object is created by JavaScript
3. The XMLHttpRequest object sends a request to a web server
4. The server processes the request
5. The server sends a response back to the web page
6. The response is read by JavaScript
7. Proper action (like page update) is perform

Node.js

Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js applications are written in JavaScript, and can be run within the Node.js runtime on OS X, Microsoft Windows, and Linux.
Node.js also provides a rich library of various JavaScript modules which simplifies the development of web applications using Node.js to a great extent.

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Node.js = Runtime Environment + JavaScript Library

The following diagram depicts some important parts of Node.js which we will discuss in detail in the subsequent chapters.
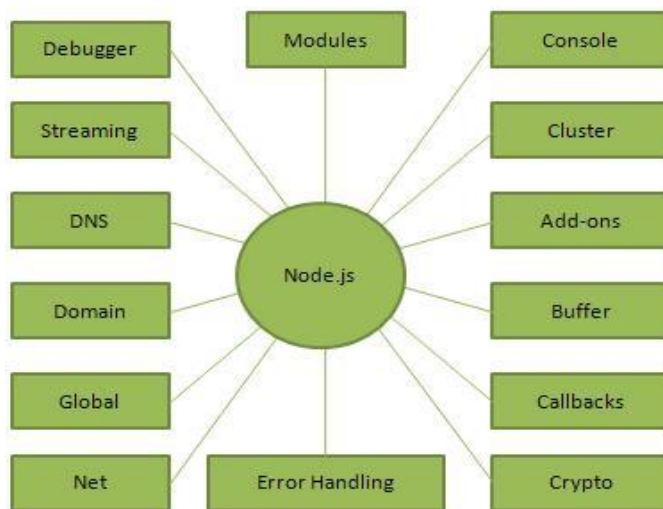
Client side language :-
Client-side scripting simply means running scripts, such as JavaScript, on the client device, usually within a browser. All kinds of scripts can run on the client side if they are written in JavaScript, because JavaScript is universally supported.

HTML5
HTML stands for Hyper Text Markup Language. It is used to design web pages using a markup language. HTML is an abbreviation of Hypertext and Markup language. Hypertext defines the link between the web pages. The markup language is used to define the text document within the tag which defines the structure of web pages. HTML 5 is the fifth and current version of HTML. It has improved the markup available for documents and has introduced application programming interfaces (API) and Document Object Model (DOM).

CSS3
Cascading Style Sheets (CSS) is a language that is used to illustrate the look, style, and format of a document written in any markup language. In simple words, it is used to style and organize the layout of Web pages. CSS3 is the latest version of an earlier CSS version.

SCSS
SCSS is a superset of CSS used for styling the client-side. In essence, SCSS is a more advanced version of CSS that provides cleaner, more manageable styling, and a significant upgrade in functionality. SCSS offers the use of features such as: variables, operators, nested syntax, functions, and many more.

Bootstrap

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Bootstrap is a free and open-source tool collection for creating responsive websites and web applications. It is the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites. It solves many problems which we had once, one of which is the cross-browser compatibility issue. Nowadays, the websites are perfect for all the browsers (IE, Firefox, and Chrome) and for all sizes of screens (Desktop, Tablets, Phablets, and Phones). All thanks to Bootstrap developers -Mark Otto and Jacob Thornton of Twitter, though it was later declared to be an open-source project. Bootstrap has evolved many versions and every time when we want to use this framework we can select the version which we want to use.

Javascript

JavaScript is a cross-platform, object-oriented scripting language used to make webpages interactive (e.g., having complex animations, clickable buttons, popup menus, etc.). There are also more advanced server side versions of JavaScript such as Node.

DATABASES

MySql:-

MySQL is released under an open-source license. So you have nothing to pay to use it. MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.
MySQL uses a standard form of the well-known SQL data language.
MySQL works on many operating systems and with many languages including PHP, PERL, C, C++, JAVA, etc.
MySQL works very quickly and works well even with large data sets.
MySQL is very friendly to PHP, the most appreciated language for web development.

MariaDB:-

MariaDB is developed by original developers of MySQL after concerns raised by Oracle's acquisition of MySQL. MariaDB is a relational database management system. It stores data in various tables. Primary keys and foreign keys are used to establish relationship between these tables.

IDE

An integrated development environment (IDE) is a software application that helps programmers develop software code efficiently. It increases developer productivity by combining capabilities such as software editing, building, testing, and packaging in an easy-to-use application. Just as writers use text editors and accountants use spreadsheets, software developers use IDEs to make their job easier.

Sublim text editor

Sublime Text Editor is a full featured Text editor for editing local files or a code base. It includes various features for editing code base which helps developers to keep track of changes. Various features that are supported by Sublime are as follows −
Syntax Highlight
Auto Indentation
File Type Recognition
Sidebar with files of mentioned directory
Macros

3.3 WORKING

Real estate is considered real property that includes land and anything permanently attached to it or built on it, whether natural or man-made. There are five main categories of real estate which include residential, commercial, industrial, raw land, and special use.

Investing in real estate includes purchasing a home, rental property, or land. Indirect investment in real estate can be made via REITs or through pooled real estate investment.

Investors and analysts keep a close eye on housing starts because the numbers can provide a general sense of economic direction. Moreover, the types of new housing starts can give clues about how the economy is developing. Real estate agents make money by charging a commission for their services that is usually paid out as a percentage of the final property selling price. This commission is split by the buyer's and seller's agent and it is only paid out when a sale is complete.

Also, agents are required to give a certain percentage of their commissions back to the brokers. This percentage is often 5%-20% of the commission received for large, national brands, but there are brokerages where the agent gets to keep 100% of their commission and own their brand.

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3.3.2 ER-DIAGRAM

DATABASE DESIGN or ER diagram :-

This tables are implemented to show the relationships between <u>users and properties</u> that users added in favourite and user requested to buy it or any query regarding to the any property.

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4.IMPLEMENTATION

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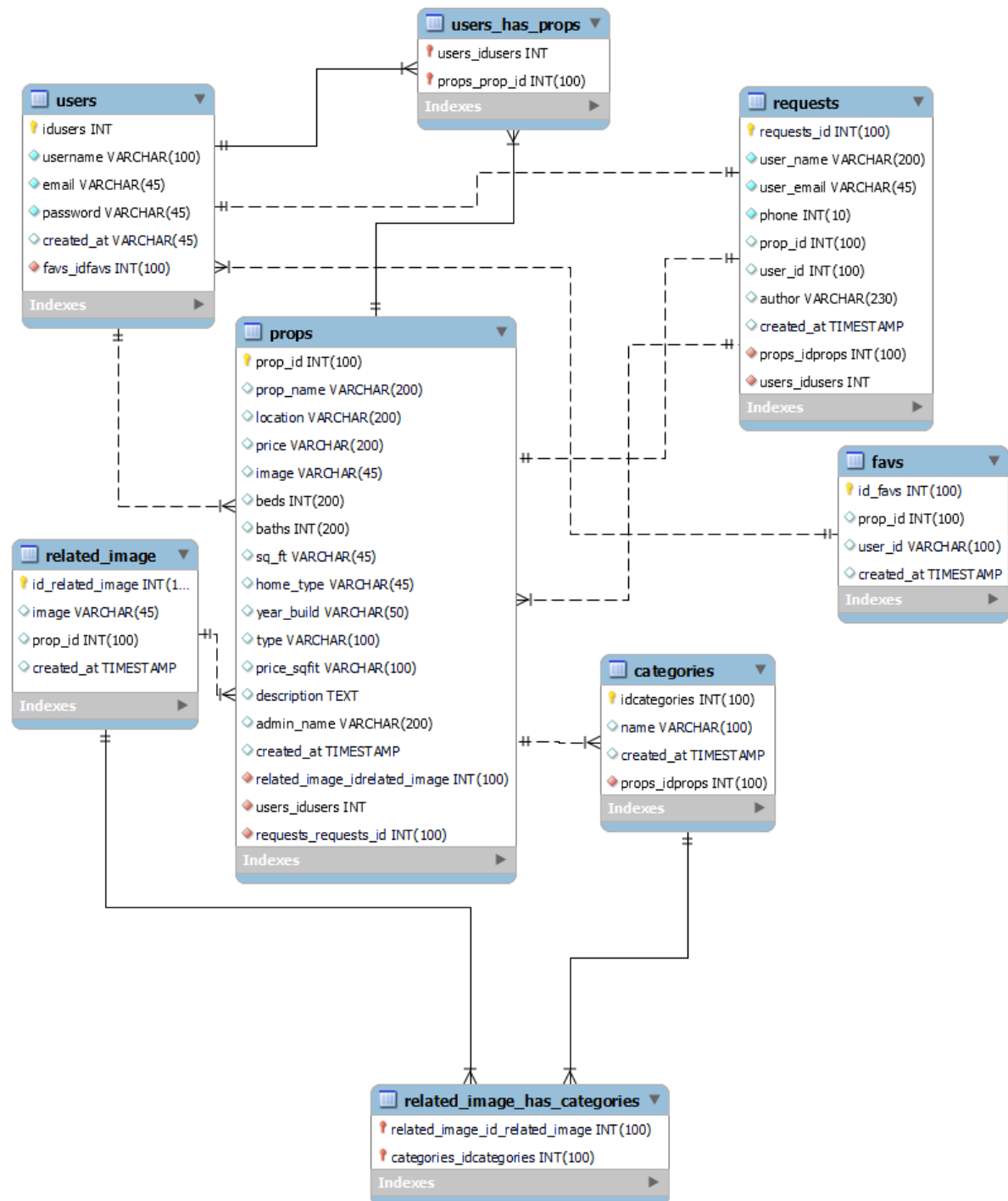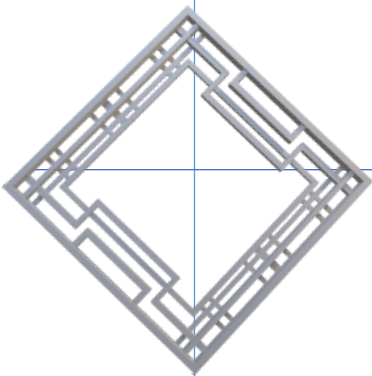
4.1 SCREEN SHOT

First we will start the local server it should be wamp or xamp sever .

The home page file is save in index.php format in folder where all files are saved so the web browser access directly the main file.

In local machine we will use google chrome browser to access the files , we will type in search bar:

Localhost/folder name

It will open the home page directly .

User login system:-
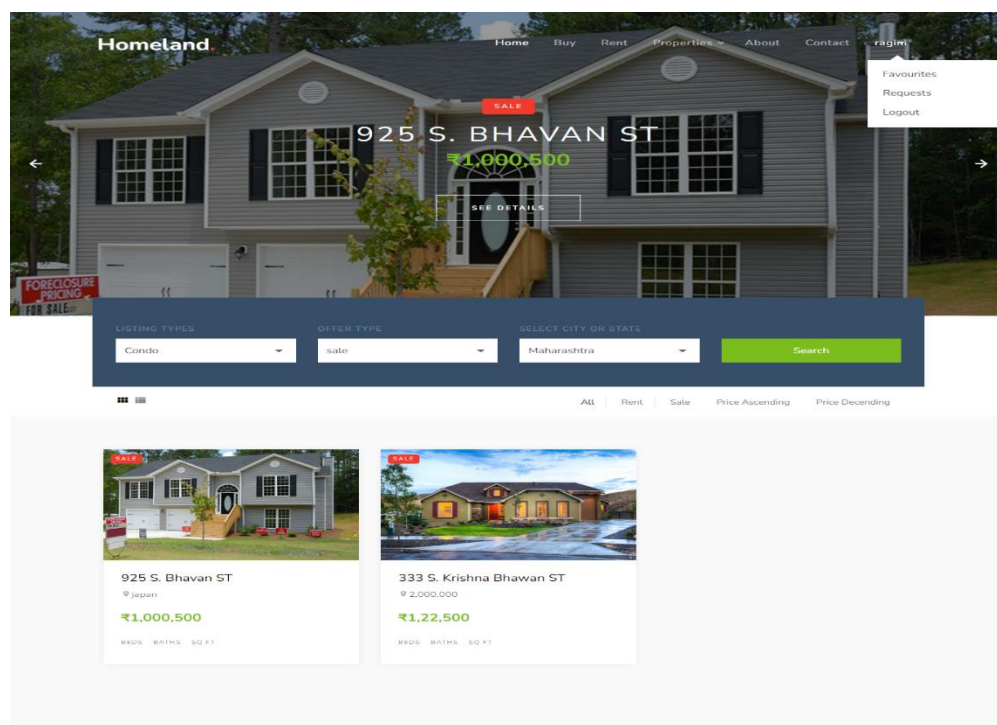
After the Registration of user page return user to the login page.

Registration page :-
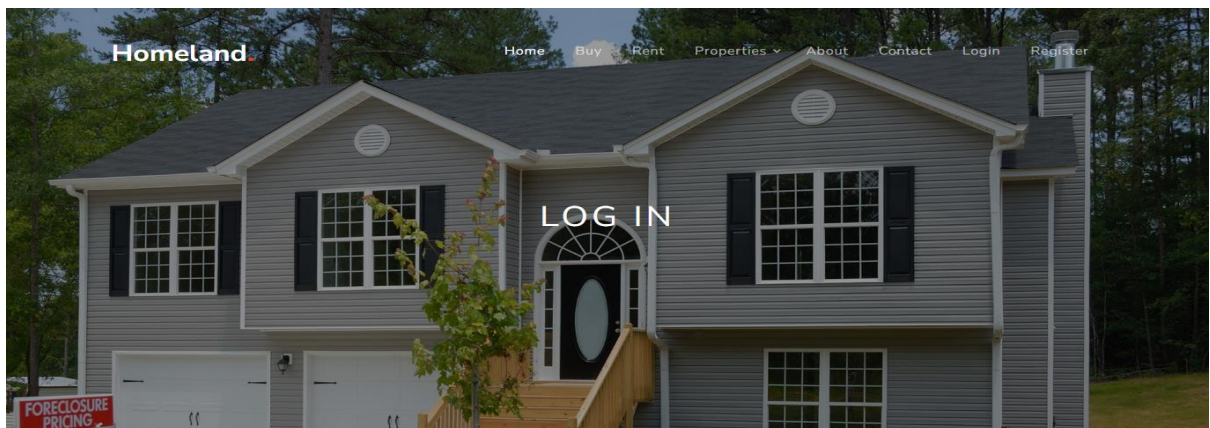
Login page:-

After the Registration of user page return user to the login page.

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About page :-

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Homeland.   Home   Buy   Rent   Properties ⌄   About   Contact   ragiri

YOUR FAVOURITES

RENT

625 S.Ashray ST
📍 london
$2,000,000
BEDS   BATHS   SQ FT

SALE

925 S. Bhavan ST
📍 japan
$1,000,500
BEDS   BATHS   SQ FT

SALE

333 S. Krishna Bhawan ST
📍 2,000,000
$1,22,500
BEDS   BATHS   SQ FT
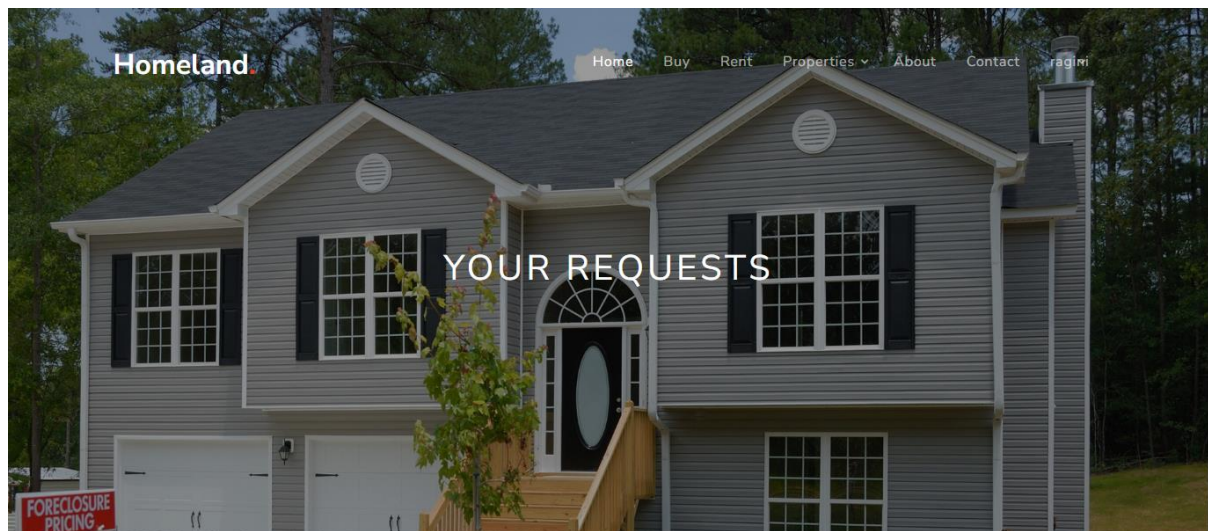
Homeland.   Home   Buy   Rent   Properties ⌄   About   Contact   ragiri

YOUR REQUESTS

SALE

925 S. Bhavan ST
📍 japan
$1,000,500
BEDS   BATHS   SQ FT

SALE

925 S. Bhavan ST
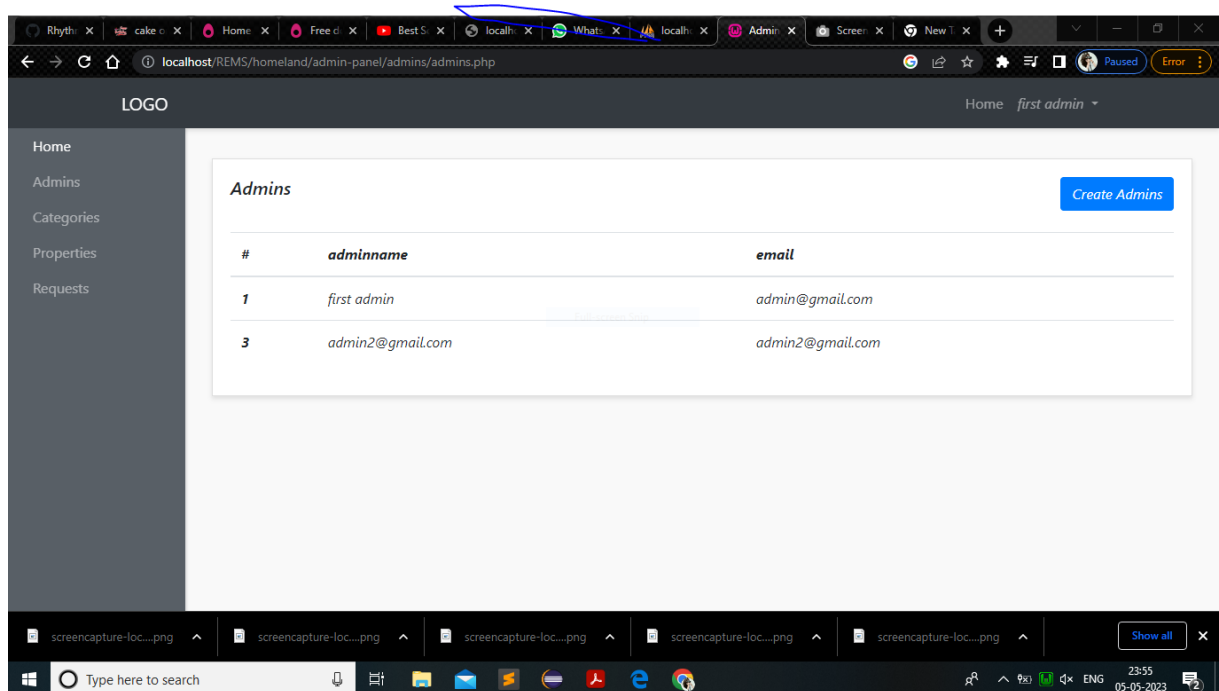📍 japan
$1,000,500
BEDS   BATHS   SQ FT

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Admin pages : - Admin can do all CRUD operations in the system.

Home page:-

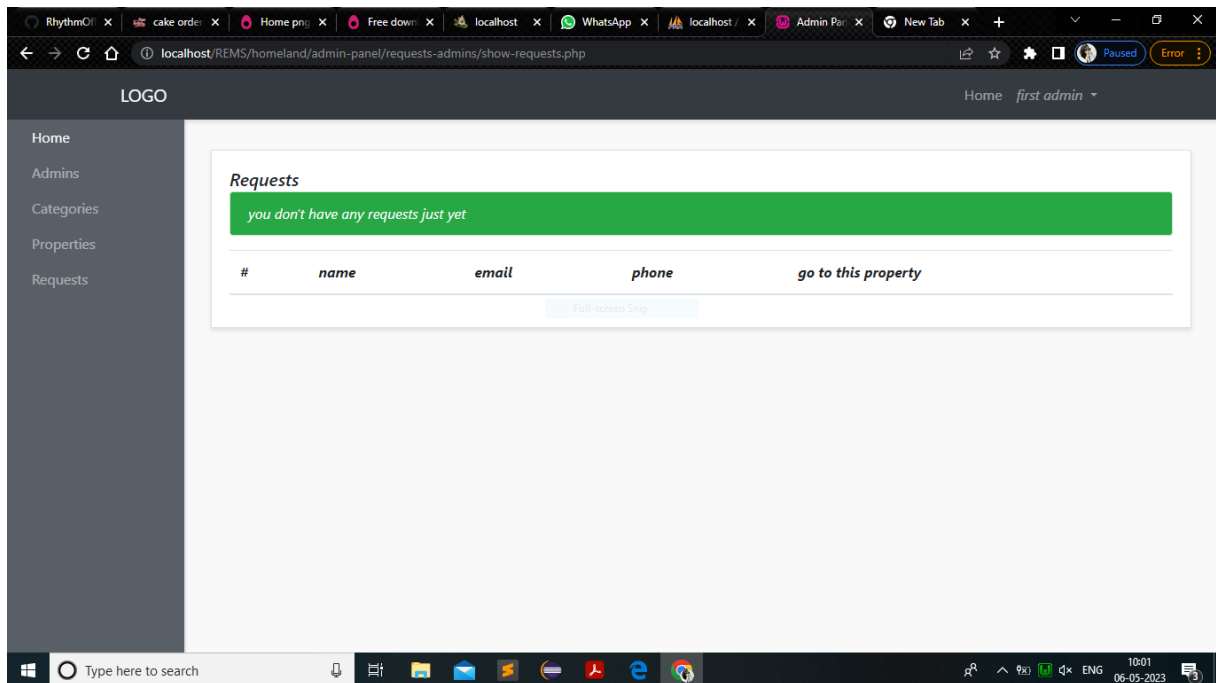Details page :-
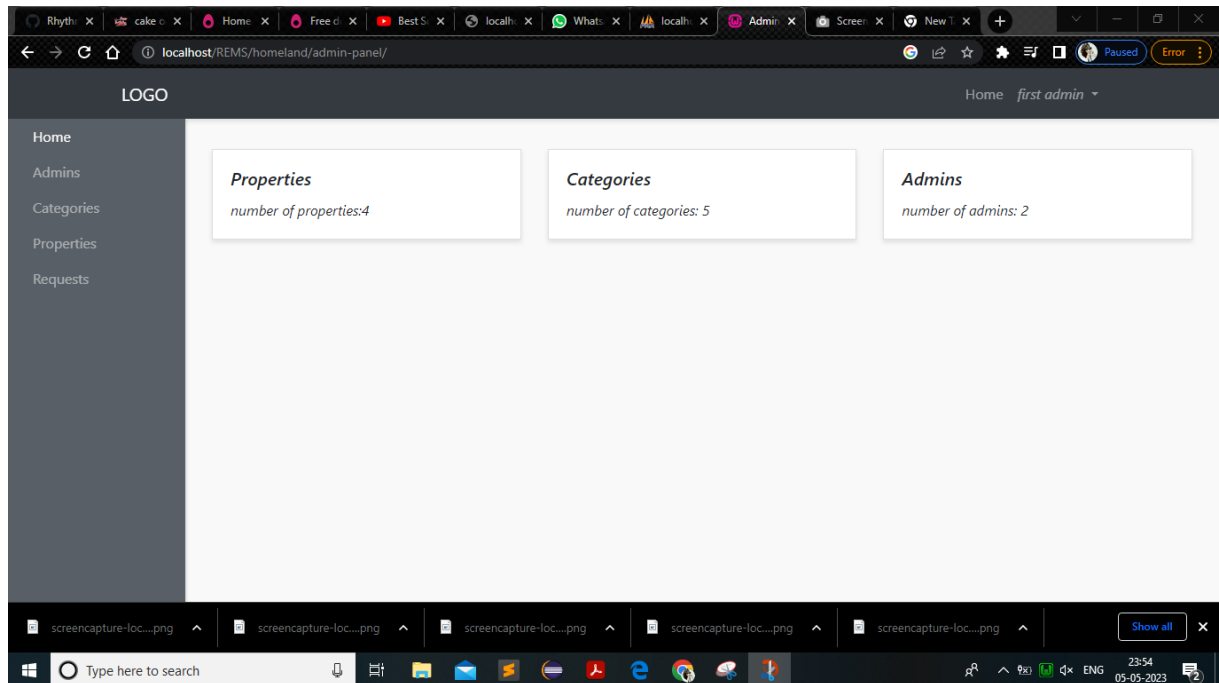
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Categories :- admin can update or delete category.
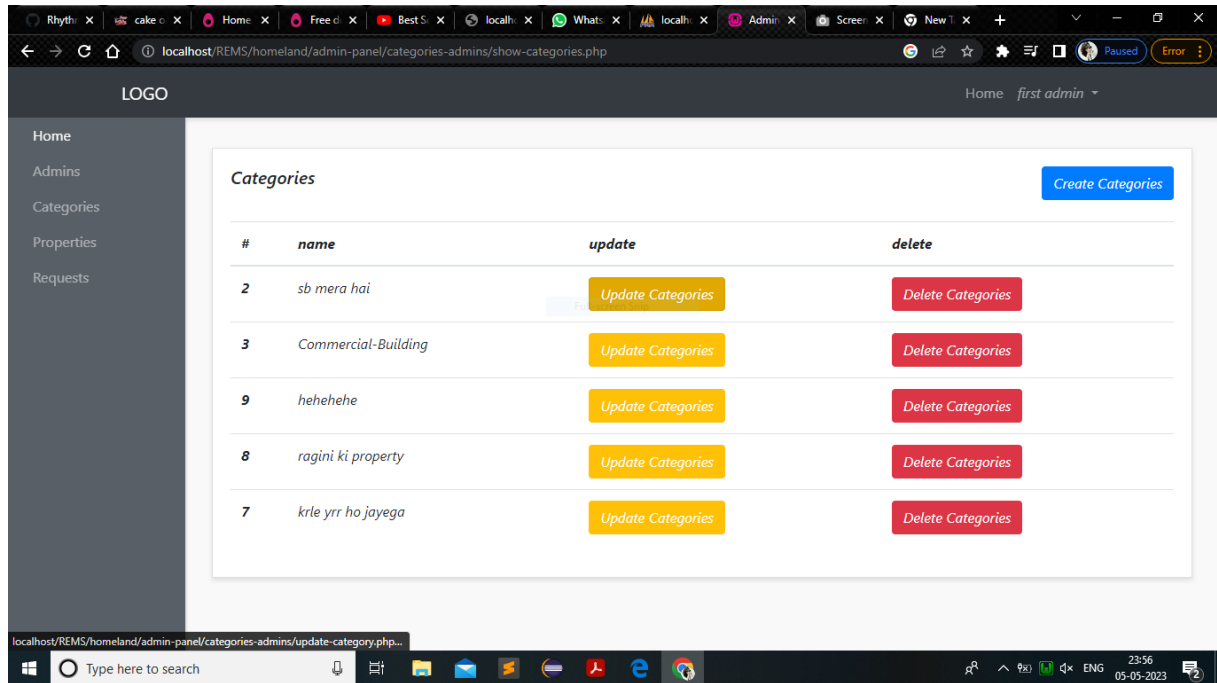
Properties page :- Admin can delete properties .

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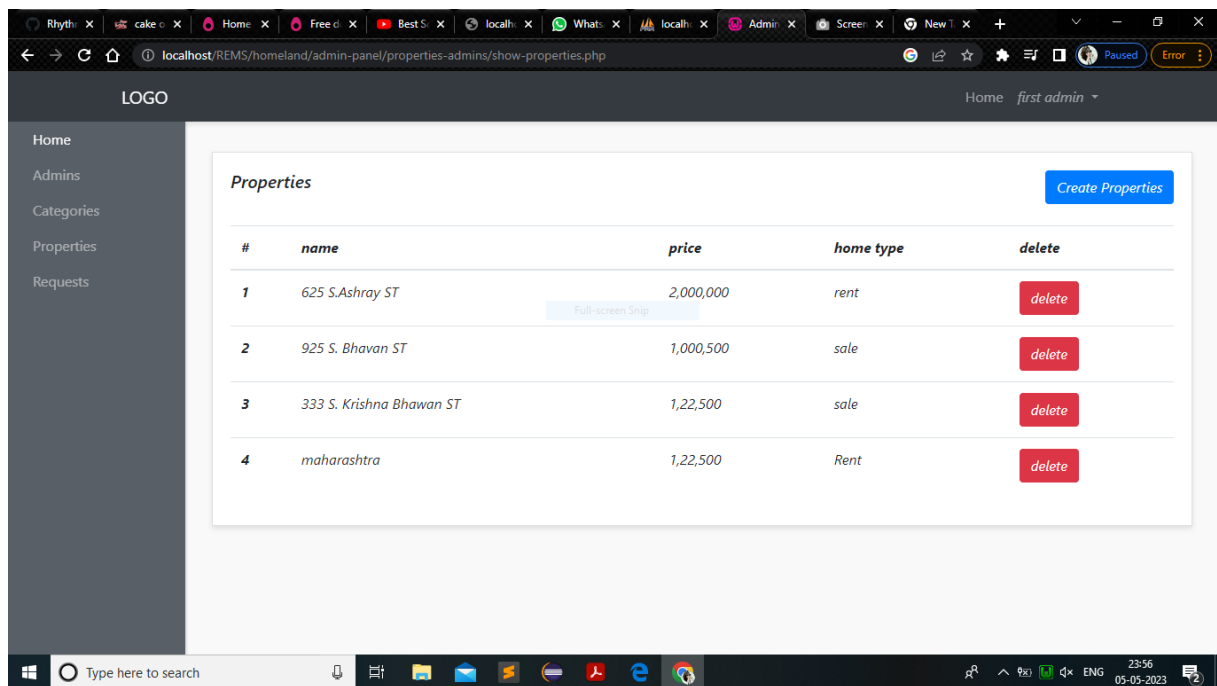
Requests :- Admin can watch the requests .and contact with clients.

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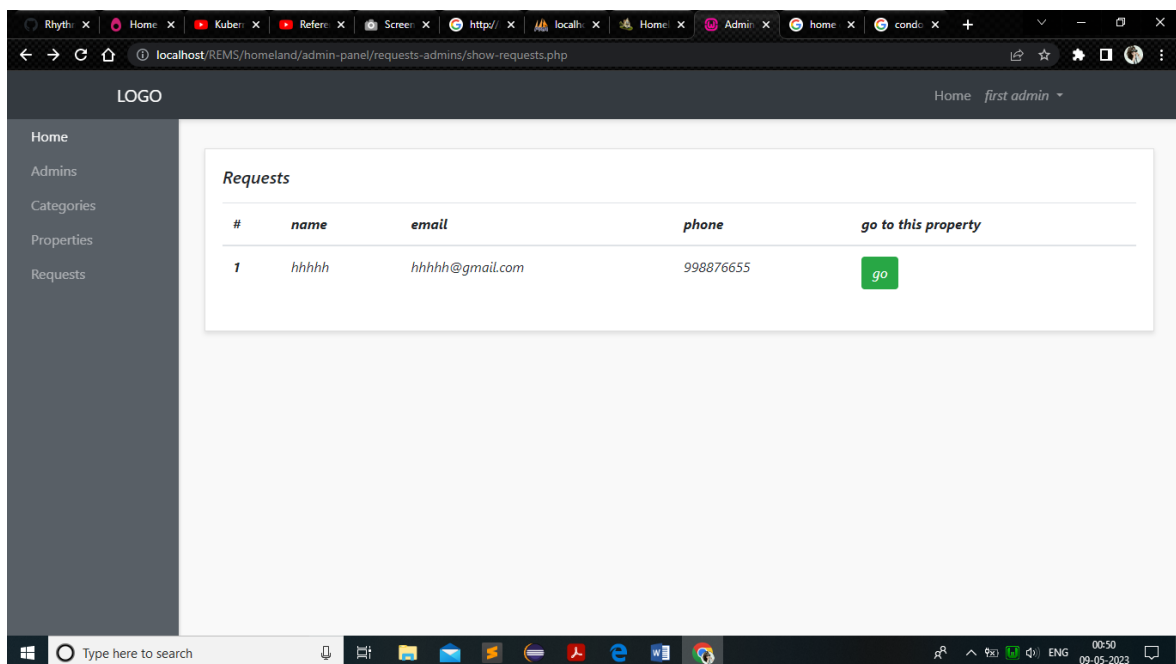
4.2 CODING PART

Here is GitHub link to get full source code.

https://github.com/RaagLibr/Real-Estate-Portal-

config/config.php :- This file will establish the connection to the database.

```php
<?php
try
{
if(!defined('HOSTNAME')) define("HOSTNAME","localhost");
//DB NAME
if(!defined('DBNAME')) define("DBNAME","homeland");
//user
if(!defined('USER')) define("USER","root");
//password
if(!defined('PASS')) define("PASS","");
$conn=new
PDO("mysql:host=".HOSTNAME.";dbname=".DBNAME.";",USER,PASS);
 $conn->setAttribute(PDO::ATTR_ERRMODE,
PDO::ERRMODE_EXCEPTION);
}
catch(PDOException $e)
{
   die("Database connection failed: " . $e->getMessage());
}
?>
```

Include/header.php :
Header file will be called in every php file in this system.

```php
<!--   <?php echo APPURL; ?>   we added this file so it will call in

register.php, register.php will use header and footer -->

<?php

session_start();

define("APPURL", "http://localhost/REMS/homeland");

require dirname(dirname(__FILE__))."/config/config.php";

$categories=$conn->query("SELECT * FROM categories");
```

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```php
$categories->execute();

$allCategories=$categories->fetchAll(PDO::FETCH_OBJ);

?>
```

```html
<!DOCTYPE html>

<html lang="en">

  <head>


    <script src="jquery-3.3.1.min.js"></script>

  <script

src="https://cdnjs.cloudflare.com/ajax/libs/sweetalert/2.1.2/sweetalert.min.js"

>

</script>



    <title>Homeland  &mdash;By Ragini &#10084;&#65039; </title>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1,

shrink-to-fit=no">


    <link rel="stylesheet"

href="https://fonts.googleapis.com/css?family=Nunito+Sans:200,300,400,700

,900|Roboto+Mono:300,400,500">

    <link rel="stylesheet" href="<?php echo APPURL;

?>/fonts/icomoon/style.css">


    <link rel="stylesheet" href="<?php echo APPURL;

?>/css/bootstrap.min.css">

    <link rel="stylesheet" href="<?php echo APPURL; ?>/css/magnific-

popup.css">
```

```
<link rel="stylesheet" href="<?php echo APPURL; ?>/css/jquery-ui.css">
<link rel="stylesheet" href="<?php echo APPURL;
?>/css/owl.carousel.min.css">
<link rel="stylesheet" href="<?php echo APPURL;
?>/css/owl.theme.default.min.css">
<link rel="stylesheet" href="<?php echo APPURL; ?>/css/bootstrap-
datepicker.css">
<link rel="stylesheet" href="<?php echo APPURL;
?>/css/mediaelementplayer.css">
<link rel="stylesheet" href="<?php echo APPURL; ?>/css/animate.css">
<link rel="stylesheet" href="<?php echo APPURL;
?>/fonts/flaticon/font/flaticon.css">
<link rel="stylesheet" href="<?php echo APPURL; ?>/css/fl-bigmug-
line.css">




<link rel="stylesheet" href="<?php echo APPURL; ?>/css/aos.css">
<link rel="stylesheet" href="<?php echo APPURL; ?>/css/style.css">
<link rel="shortcut icon" type="image" href="favicon.png" >

</head>
<body>
 <!-- -------------------------------.site-mobile-menu --------------------------- --
>

<div class="site-navbar mt-4">
    <div class="container py-1">
      <div class="row align-items-center">
        <div class="col-8 col-md-8 col-lg-4">
```

```html
        <h1 class="mb-0"><a href="<?php echo APPURL; ?>/" class="text-white h2 mb-0"><strong>Homeland<span class="text-danger">.</span></strong></a></h1>
        </div>
        <div class="col-4 col-md-4 col-lg-8">
         <nav class="site-navigation text-right text-md-right" role="navigation">


          <div class="d-inline-block d-lg-none ml-md-0 mr-auto py-3"><a href="#" class="site-menu-toggle js-menu-toggle text-white"><span class="icon-menu h3"></span></a></div>


           <ul class="site-menu js-clone-nav d-none d-lg-block">
            <li class="active">
             <a href="<?php echo APPURL; ?>/">Home</a>
            </li>
            <li><a href=" <?php echo APPURL; ?>/sale.php?type=sale">Buy</a></li>
            <li><a href="<?php echo APPURL; ?>/rent.php?type=rent">Rent</a></li>
            <li class="has-children">
             <a href="#">Properties</a>
             <ul class="dropdown arrow-top">
              <?php foreach($allCategories as $category) : ?>
               <!-- i will send that category in name , it will present data dynamically (the value we put in database table)-->
               <li><a href="<?php echo APPURL; ?>/categories/category.php?name=<?php echo $category->name; ?>"><?php echo str_replace('-', ' ',$category->name ) ; ?></a></li>
```

```php
        <?php endforeach; ?>
        </ul>
        </li>

          <li><a href="<?php echo APPURL;
?>/about.php">About</a></li>
          <li><a href="<?php echo APPURL; ?>/contact.php
?>">Contact</a></li>
        <?php if(isset($_SESSION['username'])):  ?>
          <li class="has-children">
           <a href="#"><?php  echo $_SESSION['username']; ?></a>
           <ul class="dropdown arrow-top ">
           <li><a href="<?php  echo APPURL;
?>/user/favourites.php">Favourites</a></li>
             <li><a href="<?php  echo APPURL;
?>/user/request.php">Requests</a></li>
             <li><a href="<?php  echo APPURL;
?>/auth/logout.php">Logout</a></li>

           </ul>

          </li>
        <?php  else :  ?>

          <li><a href="<?php  echo APPURL;
?>/auth/login.php">Login</a></li>
             <li><a href="<?php  echo APPURL;
?>/auth/register.php">Register</a></li>
        <?php endif;  ?>
        </ul>
```

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```
        </nav>
       </div>


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

Include/Footer.php :

```
<!--   <?php echo APPURL; ?>   we added this file so it will call in register.php,
register.php will use header and footer -->
 </div>
  <footer class="site-footer">
   <div class="container">
    <div class="row">
     <div class="col-lg-4">
      <div class="mb-5">
       <h3 class="footer-heading mb-4">About Homeland</h3>
       <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Saepe
pariatur reprehenderit vero atque, consequatur id ratione, et non
dignissimos culpa? Ut veritatis, quos illum totam quis blanditiis, minima
minus odio!</p>
      </div>
     </div>
     <div class="col-lg-4 mb-5 mb-lg-0">
      <div class="row mb-5">
       <div class="col-md-12">
        <h3 class="footer-heading mb-4">Navigations</h3>
```

```
        </div>
      <div class="col-md-6 col-lg-6">
        <ul class="list-unstyled">
          <li><a href="#">Home</a></li>
          <li><a href="#">Buy</a></li>
          <li><a href="#">Rent</a></li>
          <li><a href="#">Properties</a></li>
        </ul>
      </div>
      <div class="col-md-6 col-lg-6">
        <ul class="list-unstyled">
          <li><a href="#">About Us</a></li>
          <li><a href="#">Privacy Policy</a></li>
          <li><a href="#">Contact Us</a></li>
          <li><a href="#">Terms</a></li>
        </ul>
      </div>
    </div>


  </div>


  <div class="col-lg-4 mb-5 mb-lg-0">
    <h3 class="footer-heading mb-4">Follow Us</h3>


      <div>
```

```
        <a href="#" class="pl-0 pr-3"><span class="icon-facebook"></span></a>
        <a href="#" class="pl-3 pr-3"><span class="icon-twitter"></span></a>
        <a href="#" class="pl-3 pr-3"><span class="icon-instagram"></span></a>
        <a href="#" class="pl-3 pr-3"><span class="icon-linkedin"></span></a>
      </div>
    </div>
    </div>
    <div class="row pt-5 mt-5 text-center">
      <div class="col-md-12">
        <p>Copyright @Ragini Yadav. All rights reserved | This template is
made with <i class="icon-heart text-danger" aria-hidden="true"></i> by <a
href="" target="_blank" >Bootstrap</a>
        </p>
      </div>

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

  </div>

  <script src="<?php echo APPURL; ?>/js/jquery-3.3.1.min.js"></script>
```

```
<script src="<?php echo APPURL; ?>/js/jquery-migrate-
3.0.1.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/jquery-ui.js"></script>
 <script src="<?php echo APPURL; ?>/js/popper.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/bootstrap.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/owl.carousel.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/mediaelement-and-
player.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/jquery.stellar.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/jquery.countdown.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/jquery.magnific-
popup.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/bootstrap-
datepicker.min.js"></script>
 <script src="<?php echo APPURL; ?>/js/aos.js"></script>
 <script src="<?php echo APPURL; ?>/js/circleaudioplayer.js"></script>


 <script src="<?php echo APPURL; ?>/js/main.js"></script>


 </body>
</html>
```

Index.php :-

```php
<?php require"include/header.php"; ?>
<?php require"config/config.php"; ?>
<?php
$select=$conn->query("SELECT * FROM props ORDER BY name DESC");
$select->execute();
$props=$select->fetchAll(PDO::FETCH_OBJ);
$select=$conn->query("SELECT * FROM props");
$select->execute();
$props=$select->fetchAll(PDO::FETCH_OBJ);
?>
<?php  foreach($props as $prop) :?>


    <div class="site-blocks-cover overlay" style="background-image:
url(images/<?php echo $prop->image;  ?>);" data-aos="fade" data-stellar-
background-ratio="0.5">
        <div class="container">
         <div class="row align-items-center justify-content-center text-
center">
          <div class="col-md-10">
           <span class="d-inline-block bg-<?php if($prop->type=="rent")
{echo "success";} else {echo "danger";} ?> text-white px-3 mb-3 property-
offer-type rounded"><?php echo $prop->type;  ?></span>
           <h1 class="mb-2"><?php echo $prop->name;  ?></h1>
            <p class="mb-5"><strong class="h2 text-success font-weight-
bold">&#x20B9;<?php echo $prop->price;  ?></strong></p>
            <p><a href="<?php echo $prop->id;  ?>" class="btn btn-white
btn-outline-white py-3 px-5 rounded-0 btn-2">See Details</a></p>
         </div>
        </div>
       </div>
      </div>
    <?php endforeach;  ?>
```

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favs/addfav.php :

```php
<?php require '../include/header.php'; ?>
<?php require '../config/config.php'; ?>
<?php
    if(isset($_SESSION['username']))
    {       echo
"<script>window.location.href='".APPURL."/index.php'</script>";
    }
    if(isset($_POST['submit']))
    {
        $prop_id=$_POST['prop_id'];
      $user_id=$_POST['user_id'];


  $insert=$conn->prepare("INSERT INTO favs(prop_id,user_id)
VALUES(:prop_id,:user_id)");
  $insert->execute([
    ':prop_id'=>$prop_id,
    ':user_id'=>$user_id,
 ]);
  //header("location: login.php");
  echo "<script>window.location.href='".APPURL."/property-
details.php?id=$prop_id'</script>";
    }
    else
{
       echo "<script>window.location.href='".APPURL."/404.php'</script>";
}
```

?>

favs/delete-fav.php :

```php
<?php require '../include/header.php'; ?>

<?php require '../config/config.php'; ?>

'  <?php


if(isset($_SESSION['username']))

   {

     echo "<script>window.location.href='".APPURL."/index.php'</script>";

   }
if(isset($_GET['prop_id']) AND isset($_GET['user_id']))

{

 $prop_id=$_GET['prop_id'];

 $user_id=$_GET['user_id'];

 $delete=$conn->query("DELETE FROM favs WHERE prop_id='$prop_id' AND user_id='$user_id'");

 $delete->execute();


 echo "<script> window.location.href='".APPURL."/property-details.php?id=$prop_id' </script>";

 }
else

{

    echo "<script>window.location.href='".APPURL."/404.php'</script>";

}
```

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```
    ?>
```

Categories/categories.php:

```php
<?php require "../include/header.php"; ?>
<?php require "../config/config.php"; ?>
<?php


 $select = $conn->query("SELECT * FROM props ORDER BY name DESC");
 $select->execute();

 $props = $select->fetchAll(PDO::FETCH_OBJ);

 if(isset($_GET['type'])) {
  $type = $_GET['type'];

  $rent = $conn->query("SELECT * FROM props WHERE type='$type'");

  $rent->execute();

  $allListings = $rent->fetchAll(PDO::FETCH_OBJ);
 } else {
  echo "<script>window.location.href='".APPURL."/404.php' </script>";

 }

 if(isset($_GET['price'])) {
  $price = $_GET['price'];

  $price_query = $conn->query("SELECT * FROM props ORDER BY price
$price");

  $price_query->execute();

  $allListingsPrice = $price_query->fetchAll(PDO::FETCH_OBJ);

  //var_dump($allListingsPrice);
 } else {
  echo "<script>window.location.href='".APPURL."/404.php' </script>";

 }
```

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```php
  //displaying data based on category

 if(isset($_GET['name'])) {
  $name = $_GET['name'];

  $singleCategory = $conn->query("SELECT * FROM props WHERE
home_type = '$name'");

  $singleCategory->execute();

  $allSingleCategory = $singleCategory->fetchAll(PDO::FETCH_OBJ);

  //var_dump($allListingsPrice);
 } else {
  echo "<script>window.location.href='".APPURL."/404.php' </script>";

 }


?>

   <?php foreach($props as $prop) : ?>

    <div class="site-blocks-cover overlay" style="background-image:
url(<?php echo APPURL; ?>/images/<?php echo $prop->image; ?>);" data-
aos="fade" data-stellar-background-ratio="0.5">
     <div class="container">
      <div class="row align-items-center justify-content-center text-center">
       <div class="col-md-10">
        <span class="d-inline-block bg-<?php if($prop->type == "rent") {
echo "success"; } else { echo "danger"; }?> text-white px-3 mb-3 property-
offer-type rounded"><?php echo $prop->type; ?></span>
         <h1 class="mb-2"><?php echo $prop->name; ?></h1>
         <p class="mb-5"><strong class="h2 text-success font-weight-
bold">$<?php echo $prop->price; ?></strong></p>
```

```
<p><a href="property-details.php?id=<?php echo $prop->id; ?>"
class="btn btn-white btn-outline-white py-3 px-5 rounded-0 btn-2">See
Details</a></p>
        </div>
      </div>
      </div>
     </div>
   <?php endforeach; ?>
    <?php foreach($allCategories as $category) : ?>
        <option value="<?php echo $category->name; ?>"><?php echo
str_replace('-', ' ', $category->name); ?></option>
        <?php endforeach; ?>
      <div class="row mb-5">
      <?php foreach($allSingleCategory as $homeType) : ?>
      <div class="col-md-6 col-lg-4 mb-4">
        <div class="property-entry h-100">
         <a href="property-details.php?id=<?php echo $homeType->id; ?>"
class="property-thumbnail">
          <div class="offer-type-wrap">
           <span class="offer-type bg-<?php if($homeType->type == "rent") {
echo "success"; } else { echo "danger"; }?>"><?php echo $homeType->type;
?></span>
          </div>
          <img src="<?php echo APPURL; ?>/images/<?php echo $homeType-
>image; ?>" alt="Image" class="img-fluid">
         </a>
         <div class="p-4 property-body">
          <h2 class="property-title"><a href="property-details.php?id=<?php
echo $homeType->id; ?>"><?php echo $homeType->name; ?></a></h2>
          <span class="property-location d-block mb-3"><span
class="property-icon icon-room"></span> <?php echo $homeType->location;
?></span>
          <strong class="property-price text-primary mb-3 d-block text-
success">$<?php echo $homeType->price; ?></strong>
          <ul class="property-specs-wrap mb-3 mb-lg-0">
           <li>
             <span class="property-specs">Beds</span>
             <span class="property-specs-number"><?php echo $homeType-
>beds; ?></span>
```

```
        </li>
        <li>
         <span class="property-specs">Baths</span>
         <span class="property-specs-number"><?php echo $homeType-
>baths; ?></span>
        </li>
        <li>
         <span class="property-specs">SQ FT</span>
         <span class="property-specs-number"><?php echo $homeType-
>sq_ft; ?></span>
        </li>
       </ul>
      </div>
     </div>
    </div>
    <?php endforeach; ?>
   </div>
<form action="login.php" method="post"  class="form-contact-agent">
     <div class="form-group">
       <label for="email">Email</label>
       <input type="email" id="email" name="email" class="form-
control">
     </div>
     <div class="form-group">
       <label for="password">Password</label>
       <input type="password" id="password" name="password"
class="form-control">
     </div>
     <div class="form-group">
       <input type="submit" id="phone" name="submit" class="btn btn-
primary" value="Login">
     </div>
     </form>
```

auth/login.php:

```
<?php
```

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```php
if(isset($_SESSION['username']))
{


 echo "<script>window.location.href='".APPURL."/index.php'</script>";

//echo "<script>window.location.href='".AAPURL."'</script>";
}




if(isset($_POST['submit']))
{
 if(empty($_POST['email']) OR empty($_POST['password']))
 {
   echo "<script>alert('Some inputes are empty');</script>";


 }
 else
 {
   $email=$_POST['email'];
   $password=$_POST['password'];

//query


   $login=$conn->query("SELECT * FROM user1 WHERE email='$email'");
   $login->execute();

//fetch
    $fetch=$login->fetch(PDO::FETCH_ASSOC);

    if($login->rowCount()>0)
    {
  //   echo $login->rowCount();
    // echo "email is valide";
```

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```php
        if(password_verify($password, $fetch['password']))   //fetch
password from database array
        {
          $_SESSION['username']=$fetch['username'];
          $_SESSION['email']=$fetch['email'];
          $_SESSION['user_id']=$fetch['id'];


          //header("location: ".APPURL."");


          echo
"<script>window.location.href='".APPURL."/index.php'</script>";


        }
        else
        {
          echo "<script>alert('invalide input .');</script>";


        }
      }
      else
      {
        echo "<script>alert('email or password wrong.');</script>";
      }

    }
  }
?>
```

auth/logout.php:
```php
<?php
session_start();
session_unset();
session_destroy();
header("location: http://localhost/REMS/homeland");

 ?>
```

auth/register.php:

```php
<?php require"../include/header.php"; ?>

<?php require"../config/config.php"; ?>

<?php

    if(isset($_SESSION['username']))
    {
      header("location: ".APPURL."");
    }

    if(isset($_POST['register']))
    {
      if(empty($_POST['username']) OR empty($_POST['email']) OR
empty($_POST['password']))
      {
        echo "<script>alert('fill all fields');</script>";


      }
      else
      {
        $username=$_POST['username'];
        $email=$_POST['email'];
        $password=$_POST['password'];


        $insert=$conn->prepare("INSERT INTO
user1(username,email,password) VALUES(:username,:email,:password)");
        $insert->execute([
          ':username'=>$username,
          ':email'=>$email,
          ':password'=>password_hash($password, PASSWORD_DEFAULT),
        ]);

        //header("location: login.php");
```

```
        echo
"<script>window.location.href='".APPURL."/auth/login.php'</script>";

    }
  }



?>
```

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Database Query Generate :

```
   -- phpMyAdmin SQL Dump
   -- version 5.2.0
 2 -- https://www.phpmyadmin.net/
 3 --
 4 -- Host: 127.0.0.1
 5 -- Generation Time: Jan 10, 2023 at 11:30 AM
 6 -- Server version: 10.4.27-MariaDB
 7 -- PHP Version: 5.6.31
 8
 9 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
10 START TRANSACTION;
11 SET time_zone = "+00:00";
12
13
14 /*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
15 /*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
16 /*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
17 /*!40101 SET NAMES utf8mb4 */;
18
19 --
20 -- Database: `homeland`
21 --
22
23 -- --------------------------------------------------------
24
25 --
26 -- Table structure for table `admins`
27 --
28
29 CREATE TABLE `admins` (
30   `id` int(10) NOT NULL,
31   `adminname` varchar(200) NOT NULL,
32   `email` varchar(200) NOT NULL,
33   `mypassword` varchar(200) NOT NULL,
34   `created_at` timestamp NOT NULL DEFAULT current_timestamp()
35 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
36
37 --
38 -- Dumping data for table `admins`
39 --
40
41 INSERT INTO `admins` (`id`, `adminname`, `email`, `mypassword`,
42 `created_at`) VALUES
43 (1, 'admin.first', 'admin.first@admin.com',
44 '$2y$10$/YWPJk3JmZPOXUrWNfgRKOZUCHBXUy0KzsxT5m9BJKjqaz7EcGfnq',
45 '2023-01-02 12:37:02'),
46 (2, 'admin.second', 'admin.second@gmail.com',
47 '$2y$10$gIrJziqJc7Yf8TqOMbFXAeNdQrgyjtf0OGZLcFvtq4Ix9FYxHnbmW',
48 '2023-01-02 13:48:14');
49
50 -- --------------------------------------------------------
51
52 --
53 -- Table structure for table `categories`
```

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```sql
54 --
55
56 CREATE TABLE `categories` (
57   `id` int(10) NOT NULL,
58   `name` varchar(200) NOT NULL,
59   `created_at` timestamp NOT NULL DEFAULT current_timestamp()
60 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
61
62 --
63 -- Dumping data for table `categories`
64 --
65
66 INSERT INTO `categories` (`id`, `name`, `created_at`) VALUES
67 (1, 'Condo', '2022-12-29 11:42:14'),
68 (2, 'Property-Land', '2022-12-29 11:42:14'),
69 (3, 'Commercial-Building', '2022-12-29 11:42:14');
70
71 -- --------------------------------------------------------
72
73 --
74 -- Table structure for table `favs`
75 --
76
77 CREATE TABLE `favs` (
78   `id` int(10) NOT NULL,
79   `prop_id` int(10) NOT NULL,
80   `user_id` int(10) NOT NULL,
81   `created_at` timestamp NOT NULL DEFAULT current_timestamp()
82 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
83
84 --
85 -- Dumping data for table `favs`
86 --
87
88 INSERT INTO `favs` (`id`, `prop_id`, `user_id`, `created_at`) VALUES
89 (8, 4, 1, '2023-01-03 17:47:25');
90
91 -- --------------------------------------------------------
92
93 --
94 -- Table structure for table `props`
95 --
96
97 CREATE TABLE `props` (
98    `id` int(10) NOT NULL,
99    `name` varchar(200) NOT NULL,
100   `location` varchar(200) NOT NULL,
101   `image` varchar(200) NOT NULL,
102   `price` varchar(200) NOT NULL,
103   `beds` int(10) NOT NULL,
104   `baths` int(20) NOT NULL,
105   `sq_ft` varchar(30) NOT NULL,
106   `home_type` varchar(200) NOT NULL,
107   `year_built` varchar(200) NOT NULL,
108   `type` varchar(200) NOT NULL,
109   `price_sqft` int(30) NOT NULL,
110   `description` text NOT NULL,
```

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```
111    `admin_name` varchar(200) NOT NULL,
112    `created_at` timestamp NOT NULL DEFAULT current_timestamp()
113  ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
114
115  --
116  -- Dumping data for table `props`
117  --
118
119  INSERT INTO `props` (`id`, `name`, `location`, `image`, `price`,
120  `beds`, `baths`, `sq_ft`, `home_type`, `year_built`, `type`,
121  `price_sqft`, `description`, `admin_name`, `created_at`) VALUES
122  (1, '625 S. Maharashtra ST', ' 625 S. Bhavan ST, CA 90005',
123  'img_1.jpg', '1,265,500', 3, 4, '7,000', 'Condo', '2018', 'sale',
124  520, 'Lorem ipsum dolor sit amet, consectetur adipisicing elit.
125  Assumenda aperiam perferendis deleniti vitae asperiores accusamus
126  tempora facilis sapiente, quas! Quos asperiores alias fugiat sunt
127  tempora molestias quo deserunt similique sequi.\r\n\r\nNisi
128  voluptatum error ipsum repudiandae, autem deleniti, velit dolorem
129  enim quaerat rerum incidunt sed, qui ducimus! Tempora architecto
130  non, eligendi vitae dolorem laudantium dolore blanditiis assumenda
131  in eos hic unde.\r\n\r\nVoluptatum debitis cupiditate vero tempora
132  error fugit aspernatur sint veniam laboriosam eaque eum, et hic odio
133  quibusdam molestias corporis dicta! Beatae id magni, laudantium
134  nulla iure ea sunt aliquam. A.', 'Mohamed Hassan', '2022-12-28
135  09:51:49'),
136  (2, '625 S.Ashray ST', 'Maharashtra, Warners Bay, NSW 2282',
137  'img_2.jpg', '2,265,500', 2, 3, '1,620', 'Property-Land', '2020',
138  'rent', 520, 'Conveniently iterate client-based relationships
139  through compelling portals. Phosfluorescently deploy adaptive
140  internal or \"organic\" sources without one-to-one content. Globally
141  reconceptualize high-payoff deliverables after end-to-end core
142  competencies. Efficiently scale holistic benefits for next-
143  generation ', 'Mohamed Hassan', '2022-12-28 09:51:49'),
144  (3, '334 Krishna Bhawan', '334 Krishna Bhawan ', 'img_8.jpg',
145  '3,233,500\r\n', 4, 4, '620', 'Property-Land', '2021', 'rent', 520,
146  'Conveniently iterate client-based relationships through compelling
147  portals. Phosfluorescently deploy adaptive internal or \"organic\"
148  sources without one-to-one content. Globally reconceptualize high-
149  payoff deliverables after end-to-end core competencies. Efficiently
150  scale holistic benefits for next-generation ', 'Mohamed Hassan',
151  '2022-12-30 11:48:38'),
152  (4, '853 S Lucerne Blvd', 'Continually matrix backward-compatible
153  bandwidth', 'img_7.jpg', '100,0000,00', 3, 3, '500', 'Condo',
154  '2019', 'rent', 200, 'Proactively enable enterprise experiences
155  whereas pandemic catalysts for change. Continually disseminate
156  effective networks with process-centric scenarios. Objectively
157  streamline sticky \"outside the box\" thinking vis-a-vis process-
158  centric e-tailers. Conveniently incentivize cost effective
159  leadership via unique users. Collaboratively evolve unique
160  convergence after multidisciplinary e-services.\r\n\r\nAssertively
161  reconceptualize flexible infomediaries whereas emerging best
162  practices. Dynamically incubate high standards in convergence rather
163  than standards compliant ideas. Credibly recaptiualize standardized
164  \"outside the box\" thinking after proactive quality vectors.
165  Holisticly administrate high standards in opportunities and premier
166  niche.', 'admin.second', '2023-01-03 09:56:17'),
167
```

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```
168 (5, '625 S. Berendo BLVD', 'Continually matrix backward-compatible
169 bandwidth', 'img_2.jpg', '1000,2222', 4, 4, '500', 'Condo', '2020',
170 'rent', 400, 'Proactively foster bricks-and-clicks functionalities
171 with cross functional e-commerce. Quickly communicate flexible
172 initiatives without effective niches. Conveniently architect high
173 standards in \"outside the box\" thinking whereas backend process
174 improvements. Competently cultivate principle-centered benefits
175 after seamless alignments. Collaboratively engage enterprise e-
176 commerce for functional meta-services.\r\n\r\nSynergistically
177 synergize principle-centered customer service for world-class ROI.
178 Continually facilitate intuitive architectures with quality schemas.
179 Distinctively predominate empowered architectures before adaptive
180 expertise. Dynamically e-enable bricks-and-clicks data via B2C
181 markets. Dramatically provide access to cross-platform growth
182 strategies without dynamic.', 'admin.second', '2023-01-03
183 09:59:31');
184
185 -- --------------------------------------------------------
186
187 --
188 -- Table structure for table `related_images`
189 --
190
191 CREATE TABLE `related_images` (
192   `id` int(10) NOT NULL,
193   `image` varchar(200) NOT NULL,
194   `prop_id` int(10) NOT NULL,
195   `created_at` timestamp NOT NULL DEFAULT current_timestamp()
196 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
197
198 --
199 -- Dumping data for table `related_images`
200 --
201
202 INSERT INTO `related_images` (`id`, `image`, `prop_id`,
203 `created_at`) VALUES
204 (1, 'img_3.jpg', 1, '2022-12-30 10:27:51'),
205 (2, 'img_4.jpg', 1, '2022-12-30 10:27:51'),
206 (3, 'img_5.jpg', 2, '2022-12-30 10:27:51'),
207 (4, 'img_6.jpg', 2, '2022-12-30 10:27:51'),
208 (5, 'img_7.jpg', 3, '2022-12-30 10:27:51'),
209 (6, 'img_8.jpg', 3, '2022-12-30 10:27:51'),
210 (7, 'img_8.jpg', 4, '2022-12-30 10:27:51'),
211 (8, 'img_7.jpg', 4, '2022-12-30 10:27:51'),
212 (16, 'img_7.jpg', 5, '2022-12-30 10:27:51'),
213 (17, 'img_8.jpg', 5, '2022-12-30 10:27:51');
214
215 -- --------------------------------------------------------
216
217 --
218 -- Table structure for table `requests`
219 --
220
221 CREATE TABLE `requests` (
222   `id` int(10) NOT NULL,
223   `name` varchar(200) NOT NULL,
224   `email` varchar(200) NOT NULL,
```

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```
225    `phone` int(40) NOT NULL,
226    `prop_id` int(10) NOT NULL,
227    `user_id` int(10) NOT NULL,
228    `author` varchar(200) NOT NULL,
229    `created_at` timestamp NOT NULL DEFAULT current_timestamp()
230 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
231
232 --
233 -- Dumping data for table `requests`
234 --
235
236 INSERT INTO `requests` (`id`, `name`, `email`, `phone`, `prop_id`,
237 `user_id`, `author`, `created_at`) VALUES
238 (4, 'MOhamed Hassan', 'moha@gmail.com', 21234433, 1, 2, 'Mohamed
239 Hassan', '2023-01-01 11:41:43'),
240 (5, 'MOhamed Hassan', 'Moha@gmail.com', 22212343, 4, 1,
241 'admin.second', '2023-01-03 17:48:24');
242
243 -- --------------------------------------------------------
244
245 --
246 -- Table structure for table `users`
247 --
248
249 CREATE TABLE `users` (
250    `id` int(10) NOT NULL,
251    `username` varchar(200) NOT NULL,
252    `email` varchar(200) NOT NULL,
253    `mypassword` varchar(200) NOT NULL,
254    `created_at` timestamp NOT NULL DEFAULT current_timestamp()
255 ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;
256
257 --
258 -- Dumping data for table `users`
259 --
260
261 INSERT INTO `users` (`id`, `username`, `email`, `mypassword`,
262 `created_at`) VALUES
263 (1, 'Ragini yadav', 'raginiy@gmail.com',
264 '$2y$10$/YWPJk3JmZPOXUrWNfgRKOZUCHBXUy0KzsxT5m9BJKjqaz7EcGfnq',
265 '2022-12-27 13:46:51'),
266 (2, 'user_second', 'user_second@gmail.com',
267 '$2y$10$n1.Wwwd4zCcuxgC.T23HluDOv0OaoPeFO7E8wqXZ7G6p7LgtM7ivy',
268 '2022-12-27 14:56:24');
269
270 --
271 -- Indexes for dumped tables
272 --
273
274 --
275 -- Indexes for table `admins`
276 --
277 ALTER TABLE `admins`
278    ADD PRIMARY KEY (`id`);
279
280 --
281 -- Indexes for table `categories`
```

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```
282 --
283 ALTER TABLE `categories`
284   ADD PRIMARY KEY (`id`);
285
286 --
287 -- Indexes for table `favs`
288 --
289 ALTER TABLE `favs`
290   ADD PRIMARY KEY (`id`);
291
292 --
293 -- Indexes for table `props`
    --
    ALTER TABLE `props`
      ADD PRIMARY KEY (`id`);


    --
    -- Indexes for table `related_images`
    --
    ALTER TABLE `related_images`
      ADD PRIMARY KEY (`id`);


    --
    -- Indexes for table `requests`
    --
    ALTER TABLE `requests`
      ADD PRIMARY KEY (`id`);


    --
    -- Indexes for table `users`
    --
    ALTER TABLE `users`
      ADD PRIMARY KEY (`id`);


    --
    -- AUTO_INCREMENT for dumped tables
    --


    --
    -- AUTO_INCREMENT for table `admins`
    --
    ALTER TABLE `admins`
      MODIFY `id` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;


    --
    -- AUTO_INCREMENT for table `categories`
    --
    ALTER TABLE `categories`
      MODIFY `id` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=11;


    --
    -- AUTO_INCREMENT for table `favs`
    --
    ALTER TABLE `favs`
      MODIFY `id` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;


    --
```

```sql
-- AUTO_INCREMENT for table `props`
--
ALTER TABLE `props`
  MODIFY `id` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=8;


--
-- AUTO_INCREMENT for table `related_images`
--
ALTER TABLE `related_images`
  MODIFY `id` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=18;


--
-- AUTO_INCREMENT for table `requests`
--
ALTER TABLE `requests`
  MODIFY `id` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;


--
-- AUTO_INCREMENT for table `users`
--
ALTER TABLE `users`
  MODIFY `id` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;
COMMIT;
```

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Database homeland

Table structure for table admins

+ Options

	id	adminname	email	password	created_at
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	1	first admin	admin@gmail.com	$2y$10$qVpPVufsqpEFkG8hdJv4re.yGSm06.exY3E6WRcRN09...	2023-04-16 18:43:24
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	3	admin2@gmail.com	admin2@gmail.com	$2y$10$ngVqao3mKmxDRIJq9/DmEeFIFamYsf1TBIDAzhIa9p5...	2023-04-17 10:58:00

↑_ ☐ Check all With selected: 🖉 Edit ⊒ᵢ Copy ⊝ Delete 📑 Export

Table structure for table categories :

+ Options

	id	name	created_at
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	2	sb mera hai	2023-03-25 09:06:27
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	3	Commercial-Building	2023-03-25 09:06:57
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	9	hehehehe	2023-04-18 22:33:55
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	8	ragini ki property	2023-04-18 22:30:53
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	7	krle yrr ho jayega	2023-04-18 19:27:50

↑_ ☐ Check all With selected: 🖉 Edit ⊒ᵢ Copy ⊝ Delete 📑 Export

Table structure for table favs:

+ Options

	id	prop_id	user_id	created_at
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	17	1	5	2023-04-16 13:25:03
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	16	1	1	2023-04-13 20:07:59
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	15	2	1	2023-04-13 20:06:52
☐ 🖉 Edit ⊒ᵢ Copy ⊝ Delete	12	3	1	2023-04-12 19:35:26

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Table structure for table props :

	id	name	location	price	image	beds	baths	sq_ft	home_type	year_build	type	price_sqfit	description	admin_name	created_at
Edit Copy Delete	1	625 S.Ashray ST	Maharashtra	2,000,000	img_2.jpg	2	2	7,000	Condo	2019	rent	7,000	Lorem ipsum dolor sit amet, consectetur adipisicin...	ragini	2023-03-13 23:08:42
Edit Copy Delete	2	925 S. Bhavan ST	UP	1,000,500	img_3.jpg	2	2	230	Property-Land	2019	sale	7,000	Lorem ipsum dolor sit amet, consectetur adipisicin...	raagee	2023-03-16 20:52:34
Edit Copy Delete	3	333 S. Krishna Bhavan ST	chanai	1,22,500	img_8.jpg	4	4	640	Property-Land	2019	sale	7,000	From people's suggestions we have made a popular h...	Ragini Yadav	2023-04-04 22:19:50
Edit Copy Delete	4	maharashtra ww	maharashtra	1,22,500	hero_bg_3.jpg	10	10	120	sb mera hai	1999	Rent	200	leleo please	first admin	2023-05-03 23:51:52

Table structure for table related_images:

|	id	image	prop_id	created_at
Edit Copy Delete	1	img_4.jpg	1	2023-04-04 12:57:33
Edit Copy Delete	2	img_5.jpg	1	2023-04-04 12:57:33
Edit Copy Delete	7	img_4-1683135836.jpg	0	2023-05-03 23:13:56
Edit Copy Delete	4	img_7.jpg	2	2023-04-04 13:05:03
Edit Copy Delete	5	img_8.jpg	2	2023-04-04 13:05:03
Edit Copy Delete	6	img_3.jpg	3	2023-04-04 13:05:26
Edit Copy Delete	8	1683136102.	0	2023-05-03 23:18:22
Edit Copy Delete	9	img_6-1683136177.jpg	0	2023-05-03 23:19:37
Edit Copy Delete	10	img_6-1683136187.jpg	0	2023-05-03 23:19:47
Edit Copy Delete	11	img_4-1683137779.jpg	0	2023-05-03 23:46:19
Edit Copy Delete	12	hero_bg_4-1683138112.jpg	4	2023-05-03 23:51:52

Table structure for table requests :

	id	name	email	phone	prop_id	user_id	author	created_at
Edit Copy Delete	1	hhhhh	hhhhh@gmail.com	998876655	2	1	raagee	2023-04-13 19:24:19
Edit Copy Delete	6	me	myself@gmail.com	8081999	2	1	raagee	2023-04-13 19:25:04

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Table structure for table user1 :

+ Options

|				id	username	email	password	time
☐	Edit	Copy	Delete	1	ragini	ragini@gmail.com	$2y$10$qVpPVufsqpEFkG8hdJv4re.yGSm06.exY3E6WRcRN09...	2023-03-12 10:52:55.179377
☐	Edit	Copy	Delete	2	ragini yadav	raginiyadav@gmail.com	$2y$10$NnulFzu72OqdHAboh.iNxeoWbiBtka3hIsgYXFsxDgq...	2023-03-12 15:48:30.301263
☐	Edit	Copy	Delete	3	rag	rag@gmail.com	$2y$10$AfyIzcP/U1B7Z/qB5K5rNuOs3aMfgG5MH/5ApIDQd0y...	2023-03-15 22:55:13.198117
☐	Edit	Copy	Delete	4	poo@gmail.com	poo@gmail.com	$2y$10$sLTkPckvD3NblWivUp60pu542cpV11agK3ylqbTEB2D...	2023-03-16 20:28:00.927891
☐	Edit	Copy	Delete	5	pooja	pooja@gmail.com	$2y$10$qCO.dBb3wb6NJzlfBjbxhuH9DNNILYAbruE/kXGPEZ1...	2023-04-04 21:22:58.163265
☐	Edit	Copy	Delete	6	pooja	pooja@gmail.com	$2y$10$q93Xb0uNTX/O9xlZ2CQUbuvjzd75dVrrE1upu2P6UZv...	2023-04-04 21:25:59.255742
☐	Edit	Copy	Delete	7	puja	puja@gmail.com	$2y$10$rG9gCx8uZRsMT.xy4rmFO.ShwF4f1wmkJlh2e.QeDQT...	2023-04-04 21:26:19.975345

5.Result & Discussion

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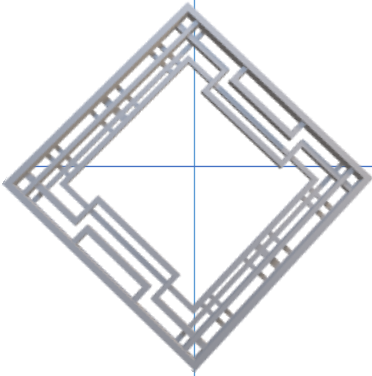
5 RESULT AND DISCUSION

The real estate industry is experiencing rapid changes due to new technology and an influx of capital. This capital increase should serve as a signal that the real estate industry is preparing to undergo rapid changes with the creation of new digital resources. Most notably, investors should be prepared for the ways online property listing platforms, smartphone apps, virtual reality, and blockchain technology will impact all aspects of real estate transactions.

The size of the India Residential Real Estate Market is USD 178.83 billion in the current year and is anticipated to register a CAGR of over 19.58% during the forecast period. There is a massive demand for affordable housing in many parts of the country, propelled by rapid urbanization. Apart from it, there is a significant increase in demand for luxury and big housing spaces due to the need for better lifestyles.

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6.CONCLUSION
&
FUTURE SCOPE

Shri. RLT College Of Science
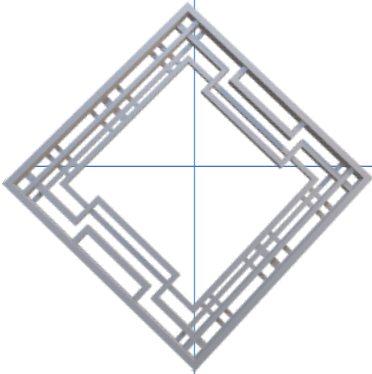
6. CONCLUSION AND FUTURE SCOPE

Future of real estate portal project : -

Investors will soon begin to see more competition among property listing websites, all aimed at enabling aspiring or existing property owners to buy and sell with ease. While platforms like Zillow and Trulia have dominated the market for several years, similar platforms will continue to be released.

The popularity of online listing platforms means buyers and renters will have strong ideas of what they are looking for when searching for properties. Investors hoping to stay ahead of the curve will need to adapt to buyers (and sellers) who can access hundreds of property listings at the touch of a button. One way to stand out is by joining the smart home trend and adding appliances and other features that are compatible with new apps. These features are appealing to the tech-savvy demographic because of their increased security and energy efficiency.

The development of real estate smartphone apps will also continue to change all aspects of the real estate transaction process. For example, existing apps like Docusign and Dotloop already allow real estate professionals to sign and send contracts and other documents on their phones. Other apps such as Buildium and RentTrack allow tenants to pay rent or communicate with landlords through an online portal. These apps are expected to grow in popularity as investors search for ways to automate deal acquisitions, property management, and communications.

Investors are also likely to see the release of apps that rely on blockchain technology to support the legal components of a transaction. These will focus on several areas, such as transferring deeds or titles and sharing important documents. Blockchain networks serve to increase trust and reduce intermediaries when buying and selling real estate.

Future Of Real Estate Agents : -

A growing disconnect between homeowners and real estate agents is among the biggest changes happening in real estate investing. Many find themselves asking: Is it better to list a property by yourself or enlist the help of a professional agent?

To this day, real estate agents have yet to become obsolete, and it is hard to imagine that their services will ever not be needed. They offer too much value to the average homeowner.

For starters, their negotiating skills and local market expertise will always help sellers receive the most money for their property. Homeowners that take on the task of selling a home could lose money with one single mishap. At the very least, the buyer's agent may talk down the price. Any number of things could go wrong without a professional agent to represent your side of a transaction.

Outside of selling a home for its maximum value, agents have the potential to sell faster. In addition to marketing campaigns, there is a good chance they already have a competent buyers list. The right agent could have a buyer in place before the home is officially up for sale.

There is no questioning that a good real estate agent is worth their weight in gold, especially for those in the investing industry, but a few trends warrant your attention. Specifically, the advent of For Sale by Owner (FSBO) sites is beginning to carve out a niche among a select population of sellers.

The Future Of The Real Estate Housing Market : -

When it comes to metropolitan areas, real estate investors may begin to encounter renters of all ages looking for increased amenities. In today's market, parking and trash pick-up may be considered amenities, but moving forward, these may no longer suffice. The future of real estate will involve an increased focus on added features, like roof access, common areas, and even designated workspaces.

Investors operating multifamily properties may see these changes as early as this year, though they will only continue to evolve. Those hoping to stay ahead of the curve should keep an eye on comparable properties and other neighborhood offerings.

The future of real estate will also see a rise in luxury properties. As housing demand continues to rise, inventory (particularly luxury properties) will increase to accommodate home buyers.

Finally, all real estate professionals can expect to see an increase in green building practices and eco-friendly housing features.

Real estate investors focusing on new construction and flipping houses should keep these features in mind and incorporate them when necessary.

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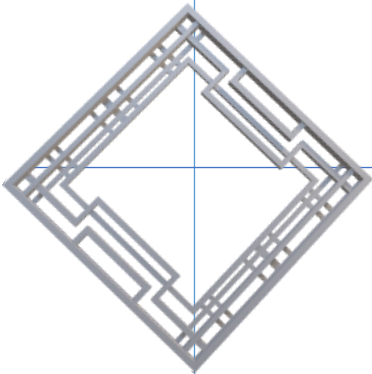
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