

# PROJECT REPORT ON

## ***“HR51\_PROPERTIES”***

**Submitted in partial fulfillment of the  
requirement for the award of the degree of  
Bachelor of Computer Application  
(Batch: 2020-2023)**



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# **Jagan Institute of Management Studies**

## **PROJECT REPORT PROFORMA – BCA-VI SEMESTER**

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#### **INTRODUCTION**

- Objective of the System
- Justification and need for the system
- Advantage of the system
- Previous work or related systems, how they are used.

### **CHAPTER-2**

#### **REQUIREMENT ANALYSIS**

- Analysis Study
- User Requirements
- Inquiry Form/Interviews
- Discussion with IT Experts
- Final Requirements

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- Hardware, Software requirements
- System requirements
- Detailed System Specification (Module Wise)
- Block Diagram of the system
- DFDs/Algorithms/Flow Charts along with explanations/descriptions
- S/W Architecture

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# Jagan Institute of Management Studies

## **CERTIFICATE OF DISSERTATION (FACULTY MENTOR)**

This is to certify that this is a bonafide record of the project work done satisfactorily at Jagan Institute of Management Studies, Rohini by Mr. Prakash Rawat Enrollment No: 03450402020 in partial fulfillment of the requirement of BCA-VI Semester Examination.

This report or similar report on the topic has not been submitted for any other examination and does not form part of any other course undergone by the candidate.

Signature of Project Guide:

Name & Designation: Ms. Ankita Chopra  
(Assistant Professor)

# **CHAPTER 1**

## **INTRODUCTION**

- 1.1 Objective of the System
- 1.2 Justification and need for the system
- 1.3 Advantage of the system
- 1.4 Previous work or related systems, how they are used.

## Chapter 1- Introduction

### 1.1 OBJECTIVE OF THE SYSTEM

Real estate refers to property consisting of land, buildings, and other structures, along with the natural resources and assets that are associated with it. Whenever looking for a new property the main focus is on its location. As a location is a spatial entity and the real of the World Wide Web has spread across millions of households, so naturally, the Internet has become by far the best platform for real estate marketing today. The real estate system provides facility to the users to select any particular location and get all the necessary information about the properties which is based on selection of location.

The aim of this project is to develop a real estate system. This is a basic system where users can register then login and view property. The whole system will be managed by the admin also it give the facilitation to the users to communicate with each other and if needed it can easily hire a property agent for dealings through the system. So the admin can have all these details in his personal machine rather than having hundreds of registers. Real Estate Management System is to manage the details of Property, Property Type, Property Details, Location. It manages all the information about Property, Facility, Location, Property.

The project is totally build 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 properties. It tracks all the details about Property Details, Photos, Location.

### 1.2 JUSTIFICATION AND NEED FOR THE SYSTEM

- **Accessibility and Convenience:** An online system allows potential buyers, renters, and real estate professionals to access property information anytime, anywhere. It eliminates the need for physical visits to real estate agencies or multiple phone calls, enabling users to search and view properties conveniently from their devices.
- **Expanded Market Reach:** The online platform opens up opportunities for

real estate professionals to reach a broader audience beyond their local area. It enables them to showcase properties to potential buyers or renters from different locations, thereby increasing market reach and potential sales or rental prospects.

- **Efficient Property Management:** Managing a large inventory of properties, transactions, and client information manually can be cumbersome and prone to errors. An online system streamlines property management tasks, including listing properties, tracking inquiries, managing documents, and coordinating appointments. This efficiency saves time, reduces administrative burdens, and improves overall productivity.
- **Enhanced Customer Experience:** Buyers and renters today expect a seamless and user-friendly experience when searching for properties. An online system provides advanced search functionalities, filters, property details, images, and virtual tours, offering a rich and interactive experience to potential customers. This enhances customer satisfaction and increases the chances of successful transactions.
- **Data-driven Decision Making:** An online real estate system collects and stores a wealth of data related to properties, market trends, client preferences, and transaction history. By leveraging data analytics and reporting tools, real estate professionals can gain valuable insights into market conditions, buyer behavior, and pricing trends. These insights facilitate informed decision making and enable professionals to adapt their strategies accordingly.
- **Transparency and Trust:** An online system promotes transparency by providing accurate and up-to-date information about properties, including pricing, availability, and property history. This transparency builds trust

between buyers, renters, and real estate professionals, leading to stronger relationships and increased confidence in the transaction process.

- **Integration with Ancillary Services:** An online system can be integrated with various ancillary services, such as mortgage lenders, property valuation services, legal services, and insurance providers. This integration simplifies the overall real estate transaction process, offering a one-stop solution for buyers and renters.

In summary, the real estate industry can greatly benefit from an online system due to its ability to enhance accessibility, market reach, efficiency, customer experience, data-driven decision making, transparency, security, and integration with ancillary services. By leveraging technology, real estate professionals can stay ahead in a competitive market and meet the evolving needs and expectations of clients in the digital age.

### **1.3 ADVANTAGE OF THE SYSTEM**

- It makes it easy to be used to generate income, such as through rental payments or leasing agreements. Generating income can help offset the cost of owning and maintaining the property and provide a source of passive income for the owner.
- It offer a great user experience for its customers. This means making sure that the site is easy to operate and that all features are accessible without difficulty. It also means ensuring that the website looks and feels good, both on desktop and mobile devices.
- It provide good and trustworthy property to customers and protect them from “Property Title Fraud”.

## 1.4 PREVIOUS WORK OR RELATED SYSTEMS, HOW THEY ARE USED

There are several types of web applications that are used for the same purpose, such as:

- **Property Listing Platforms:** Websites like Zillow, Trulia, and Realtor.com have been developed as online platforms where real estate agents can list properties for sale or rent. These platforms provide comprehensive property details, photos and contact information for interested buyers or tenants.
- **Property Management Systems:** These systems are used by property managers to streamline and automate various tasks related to property management, such as property listing, trends and financial reporting. They provide centralized platforms for managing multiple properties and optimizing operational efficiency.
- **Real Estate CRM:** Customer Relationship Management (CRM) software tailored for real estate helps agents and agencies manage client relationships, track leads, schedule appointments, and automate communication. It enables real estate professionals to organize their client database, monitor interactions, and enhance customer service.
- **Personal interaction:** Offline real estate relies on direct personal interaction between buyers, sellers, and real estate agents. Face-to-face meetings, property visits, and negotiations are common practices in offline real estate transactions.
- **Local market expertise:** Offline real estate agents have in-depth knowledge of the local market. They are familiar with the neighborhoods, property values, and market trends in their specific areas. This expertise helps them guide buyers and sellers effectively.
- **Physical property inspections:** In offline real estate, buyers have the opportunity to physically visit and inspect properties of interest. They can assess the property's condition, layout, and suitability for their needs. This hands-on experience allows buyers to make informed decisions.
- **Paper-based documentation:** Offline real estate transactions involve extensive paperwork, including contracts, agreements, and legal documents. These documents

are often signed physically and require physical presence for notarization and other formalities.

- **Local networking:** Offline real estate agents build strong local networks with other agents, brokers, and professionals in the industry. These networks help them discover off-market properties, obtain referrals, and collaborate with others for successful transactions.
- **Local advertising and marketing:** Offline real estate relies on traditional marketing channels such as newspaper ads, flyers, billboards, and local signage. These methods target the local community and potential buyers who may not be actively searching online.
- **Trust and personal relationships:** Offline real estate transactions emphasize building trust and fostering personal relationships. Buyers and sellers often prefer working with agents they know or have been recommended by friends or family, creating a sense of security and reliability.
- **Negotiations and face-to-face communication:** Offline real estate involves direct negotiations between buyers, sellers, and agents. Face-to-face communication allows for clearer understanding, immediate feedback, and better negotiation outcomes.

While online platforms have gained popularity in recent years, offline real estate continues to play a crucial role in many markets, leveraging personal connections and local expertise to facilitate successful transactions.

## **CHAPTER 2**

# **PROJECT DESCRIPTION**

- 2.1 Analysis Study
- 2.2 User Requirements
- 2.3 Discussion with IT Experts
- 2.4 Final Requirements

## Chapter 2- REQUIREMENT ANALYSIS

### 2.1 ANALYSIS STUDY

To evaluate the effectiveness, benefits, and potential of the HR51 Properties web application, a combination of quantitative and qualitative methods is used. These methods provide valuable insights and data for the analysis. Some of the methods employed include:

- User Surveys: Surveys are conducted to gather feedback from users of the HR51 Properties application. The surveys include questions about user satisfaction, ease of use, functionality, and perceived benefits. This helps gauge user opinions and identify areas of improvement.
- User Interviews: In-depth interviews are conducted with a select group of users to gather detailed insights into their experiences with the HR51 Properties application. These interviews allow for a deeper understanding of user needs, challenges faced, and suggestions for enhancements.
- Data Analysis: Usage data and analytics collected from the application are analyzed to understand user behavior, engagement levels, and patterns of usage. This data provides quantitative insights into the effectiveness and usage trends of the application.
- Cost-Benefit Analysis: A cost-benefit analysis is conducted to assess the financial implications of using the HR51 Properties application. This includes evaluating the costs of implementation, maintenance, and training, as well as quantifying the benefits such as increased productivity, cost savings, and improved customer satisfaction.
- Stakeholder Feedback: Feedback from stakeholders such as real estate agents, property owners, and administrators is gathered to understand their perspectives on the HR51 Properties application. Their input helps assess the application's impact on their workflow, efficiency, and overall business operations.

By utilizing these quantitative and qualitative methods, the analysis study aims to

provide a comprehensive evaluation of the HR51 Properties application. The results will help identify strengths, weaknesses, user satisfaction levels, and opportunities for enhancement, ultimately contributing to maximizing the application's effectiveness and potential in the real estate industry and It will also help to develop the application to the best of the abilities and also as per the standard required by the users of the application.

## **2.2 USER REQUIREMENTS**

User wants to create an application with three important targeted users (admin, staff, and website user), here are some considerations for each user type:

- Admin:
  - Role: The admin user has administrative privileges and controls the overall functioning of the application.
  - Features: The admin should have access to features such as user management, content management, and staff management.
  - Responsibilities: The admin user is responsible for managing user accounts, setting permissions and access levels, monitoring system etc.
- Staff:
  - Role: Staff members are individuals who work within the organization using the application.
  - Features: Staff users should have features tailored to their specific job roles, such as property management, client management, task management, and communication tools.
  - Responsibilities: Staff users may be responsible for updating property listings, managing client interactions, scheduling appointments, and collaborating with other staff members.
- Website User:
  - Role: Website users are individuals who visit the application's website to search for properties or access information.
  - Features: Website users should have features that facilitate property search, filtering, property details, and contact options.
  - Responsibilities: Website users primarily engage with the application for

property search, viewing property details, and reaching out to the staff for inquiries or appointments.

In addition to the aforementioned features, there are basic requirements that should be considered. These include a feedback form where users can submit their honest opinions about the application, a contact page that allows users to communicate with the respective team for any inquiries, and a profile page that provides information about the user and includes an option for residents to reset their passwords.

## 2.3 DISCUSSIONS WITH IT EXPERTS

During the requirement elicitation process, our mentor and team members discussed what could be a good set of requirements for our real estate project. We discussed the development environment, major modules distribution, skills required, and learning platforms. Also we discussed about the what would be the additional functionality which could be added later on.

The project was divided into nine modules:-

1. **Property Listings:** This module allows users to view and search for properties based on various criteria such as location, price range, property type, and features. It displays property details, including descriptions, images and contact information.
2. **Property Search:** This module enables users to search for properties using specific search criteria, filters, and sorting options. It provides a user-friendly interface to refine property search results based on preferences.
3. **Property Details:** This module presents comprehensive details about individual properties, including specifications, amenities, location maps, floor plans and pricing information. It allows users to explore properties in-depth.
4. **Property Scheduling Module:** In a real estate website facilitates the scheduling and management of property appointments or viewings for interested clients.
5. **User Registration and Profiles:** This module facilitates user registration, login, and the creation of user profiles.

6. **Contact and Inquiry Forms:** This module allows users to contact property owners, real estate agents, or brokers through inquiry forms or contact information provided on the website. It enables users to request more information, schedule property viewings, or ask specific questions.
7. **Staff Panel Module:** The Staff Panel module in a real estate website is designed to cater specifically to the needs of staff members or agents who work within the real estate. It provides them with a dedicated platform to manage their tasks, clients, properties, and other aspects of their work.
8. **Testimonials and Reviews:** This module showcases testimonials and reviews from satisfied customers or clients, highlighting positive experiences and establishing trustworthiness.
9. **Admin Panel Module:** This module in a real estate website provides administrators with a centralized platform to manage and control various aspects of the website.

## 2.4 FINAL REQUIREMENTS

- Adding Registration users to the database and saving their data.
- Provide the users with their respective home screens based on their roles after they log in.
- List all the properties associated with the real estate system.
- Retrieves property data from the database, applies search filters, and displays a list of matching properties to the user.
- Customized dashboard or landing page with relevant information, quick links, and access to specific features or functionalities based on the user's role.

To implement these functionalities, you would need to design and develop the necessary backend and frontend components, including database management, user interface design, and programming logic. Additionally, proper security measures should be implemented to protect user data and prevent unauthorized access.

# **CHAPTER 3**

## **DESIGN OF THE SYSTEM**

- 3.1 Hardware and Software Requirements
- 3.2 System Requirements
- 3.3 Detailed System Specification (Module Wise)
- 3.4 Block Diagram of the system
- 3.5 DFDs/Algorithms/Flow Charts along with explanations/descriptions.
- 3.6 S/W Architecture

## **Chapter 3- DESIGN OF THE SYSTEM**

### **3.1 HARDWARE AND SOFTWARE REQUIREMENTS**

#### **➤ HARDWARE REQUIREMENTS:-**

- RAM (Memory):
  - Minimum 4 GB RAM.
- CPU (Processor):
  - Minimum Intel Core i3 or AMD.
- Disk Space:
  - 8 GB of available disk space
- Screen Resolution:
  - 1024 X 768 Pixels Screen Resolution.

#### **➤ SOFTWARE REQUIREMENTS:-**

- Operating System:
  - Windows: Microsoft Windows 8 Home Basic
- Database:
  - SQLite
- Programming language:
  - Python-3
  - Django-5
  - Bootstrap-5

### **3.2 SYSTEM REQUIREMENTS**

#### **Operating System:**

- Windows 8/10/11
- Mac OS: Mac OS X 10.10 or later.

### **3.3 DETAILED SYSTEM SPECIFICATION (MODULE WISE)**

Workflow of the real estate application for the three major users: admin, staff, and user.

#### **1. Admin:-**

- The admin has overall control and management authority over the application.

Modules for Admin:

- User Management:

- Admin can create and manage user accounts.
- They can add new users, activate or deactivate accounts, and set user roles and permissions.

- Property Management:

- Admin can manage property listings.
- They can add new properties, edit property details, update availability status, and remove properties from the listing.

- Staff Management:

- Admin can manage staff members.
- They can add new staff members, permissions, and manage their profiles.

#### **2. Staff:**

- Staff members assist in property management, client interaction, and day-to-day operations of the real estate business.

Modules for Staff:-

- Property Listing Management:

- Staff members can manage their assigned property listings.
- They can add new properties, edit property details, update availability status, and view inquiries related to their listings.

○ Appointment Management:

- Staff members can schedule and manage property viewings and appointments with clients.
- They can coordinate appointment timings.
- Keeps a record of past appointments, including details such as the property viewed, the user's name, date.

3. User:-

- Users are individuals looking for properties or seeking information on the real estate website.

Modules for User:

○ Property Search:

- Users can search for properties based on various criteria such as location, price range, property type, etc.
- The search module retrieves and displays relevant property listings.

○ Property Appointment:

- The module checks the availability of the property. It ensures that there are no scheduling conflicts and that the property is available for viewing at the requested time.

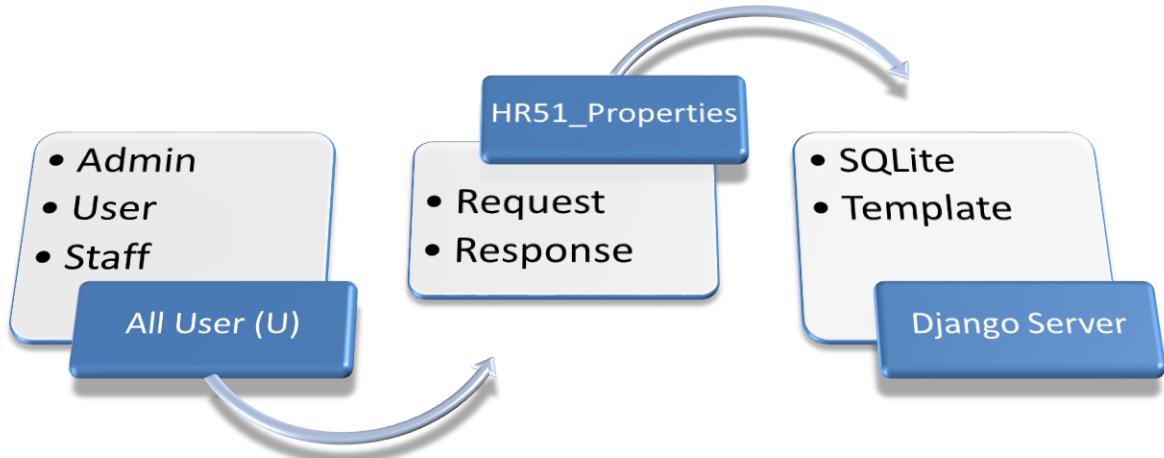
○ Property Details:

- Users can view detailed information about a specific property.
- This module provides property descriptions, images, videos, pricing details, and contact information for inquiries.

○ Contact/Inquiry:

- Users can contact the staff or property owner through the website.
- This module enables users to send inquiries, schedule appointments, or request additional information about a property.

### 3.4 BLOCK DIAGRAM OF THE SYSTEM

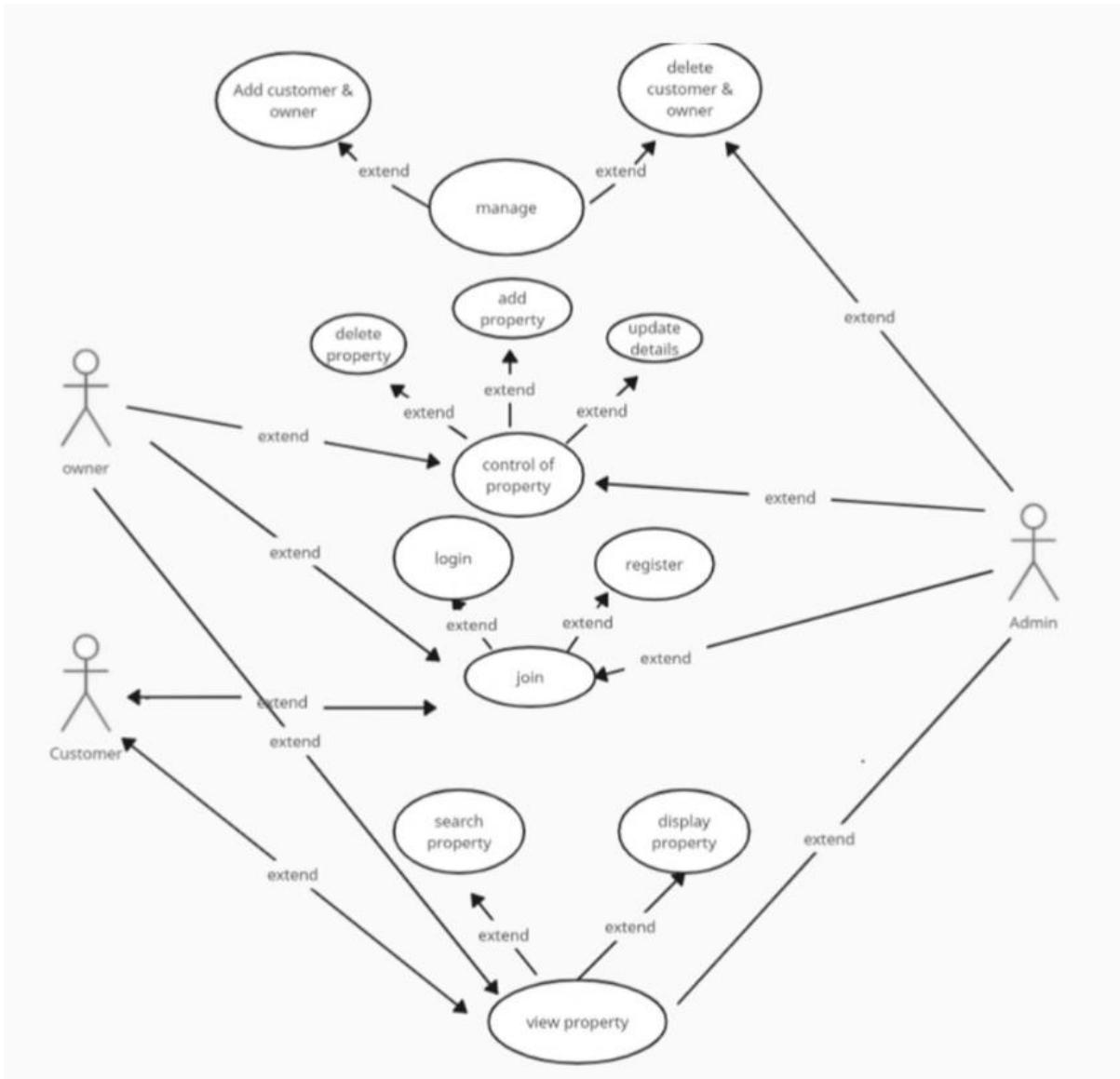


**FIG 1: BLOCK DIAGRAM**

The block diagram provides a high-level representation and can serve as a starting point for further discussions and detailed system design. Visual representation that illustrates the components and their interactions within a system. In the context of a real estate system, a block diagram can help provide an overview of the major functionalities and subsystems involved. Here's an example of a block diagram for a real estate system

### 3.5 DFDS / ALGORITHMS / FLOW CHARTS ALONG WITH EXPLANATIONS / DESCRIPTIONS

#### 3.5.1 USECASE DIAGRAM



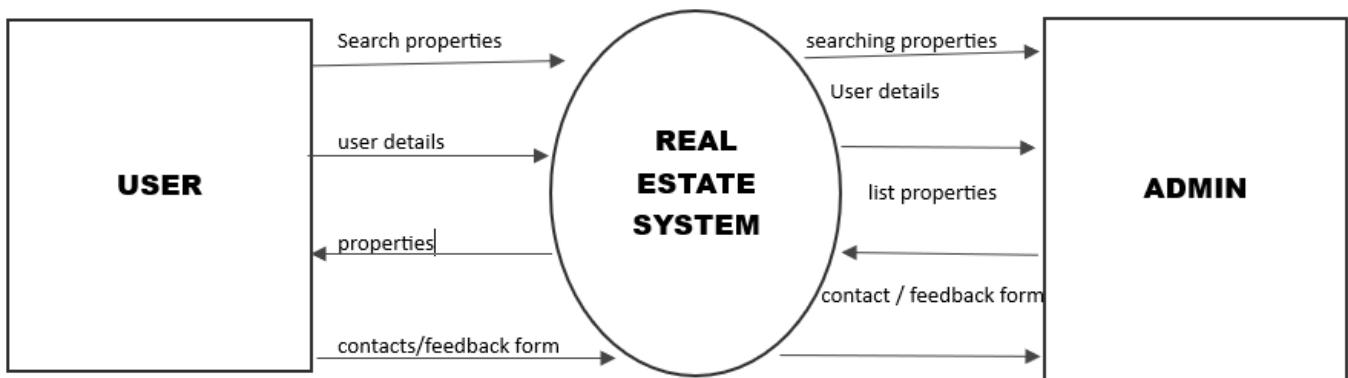
**FIG 2: USECASE DIAGRAM**

A use case diagram is a graphical depiction of a user's possible interactions with a system. A use case diagram shows various use cases and different types of users the system has and will often be accompanied by other types of diagrams as well. The use cases are represented by either circles or ellipses.

In Unified Modeling Language (UML), a use case is a written description used in software development and other fields. The use case describes how the tasks are performed in the systems or applications by the user. It summarizes the response of the actors with the system. An effective use case represents the scope, scenarios where user interacts with the system. Use cases provide a user- centric perspective on an application by illustrating that how it provides the response to the user's requests and interactions.

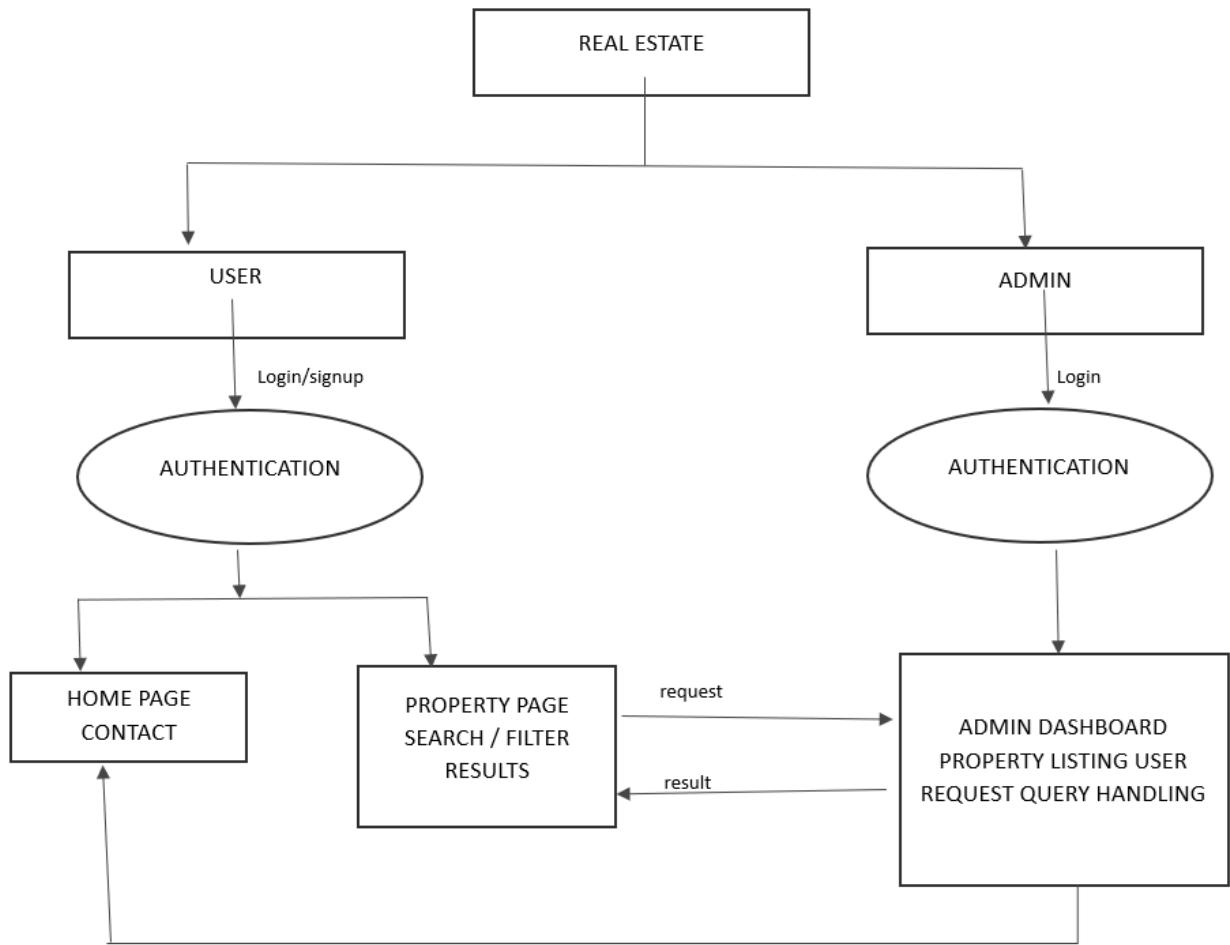
Above is the use case diagram of our application that is summarizing the activities that can be done on our platform and its user details. It basically depicts the graphical representation of the system's behavioral structure. The users can perform various functions on the application as you can see in the diagram. According to the functions performed, admin, staff, user will be providing the output of the performed functions.

### 3.5.2 DATA FLOW DIAGRAM

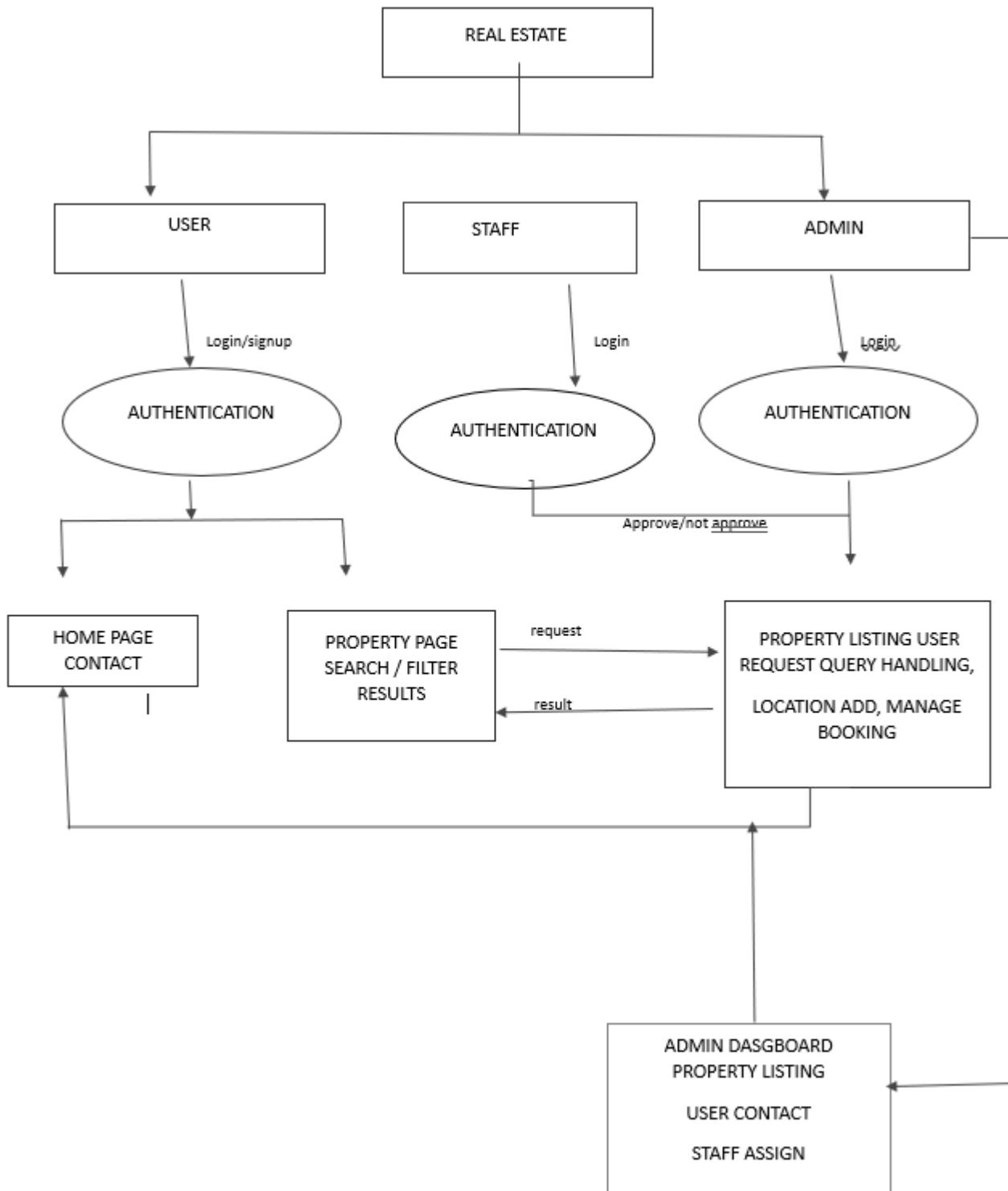


**FIG 3: DFD 0**

A data flow diagram is the visual representation of information flows within the system. It shows how the data enters and exits the system, where the data is stored etc. The DFD 0 provides an overview of the system. It doesn't provide any internal workings of the system. The DFD 1 provides more detailed view of the system by breaking down the major processes that are identified in DFD 0. The DFD 2 is similar to DFD 1 and provides the details of the sub-processes also.

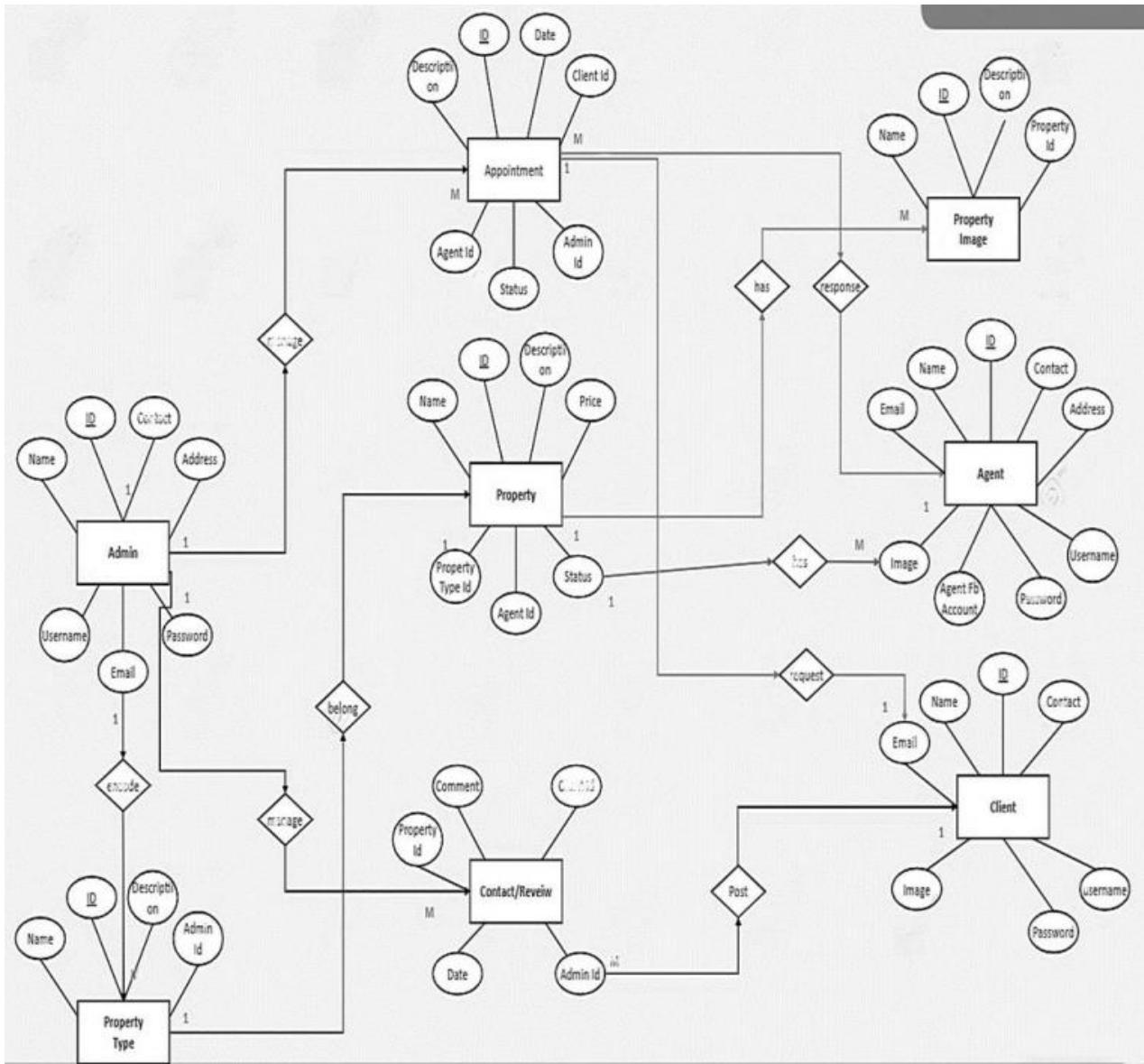
**FIG 4: DFD 1**

In DFD 1, the context diagram is decomposed into multiple bubbles/processes. In this level, we highlight the main functions of the system and breakdown the high-level process of DFD 0 into subprocesses.

**FIG 5: DFD 2**

This level two data flow diagram (DFD) template can map out information flow, visualize an entire system, and be shared with your stakeholders.

### 3.5.3 ENTITY-RELATIONSHIP DIAGRAM



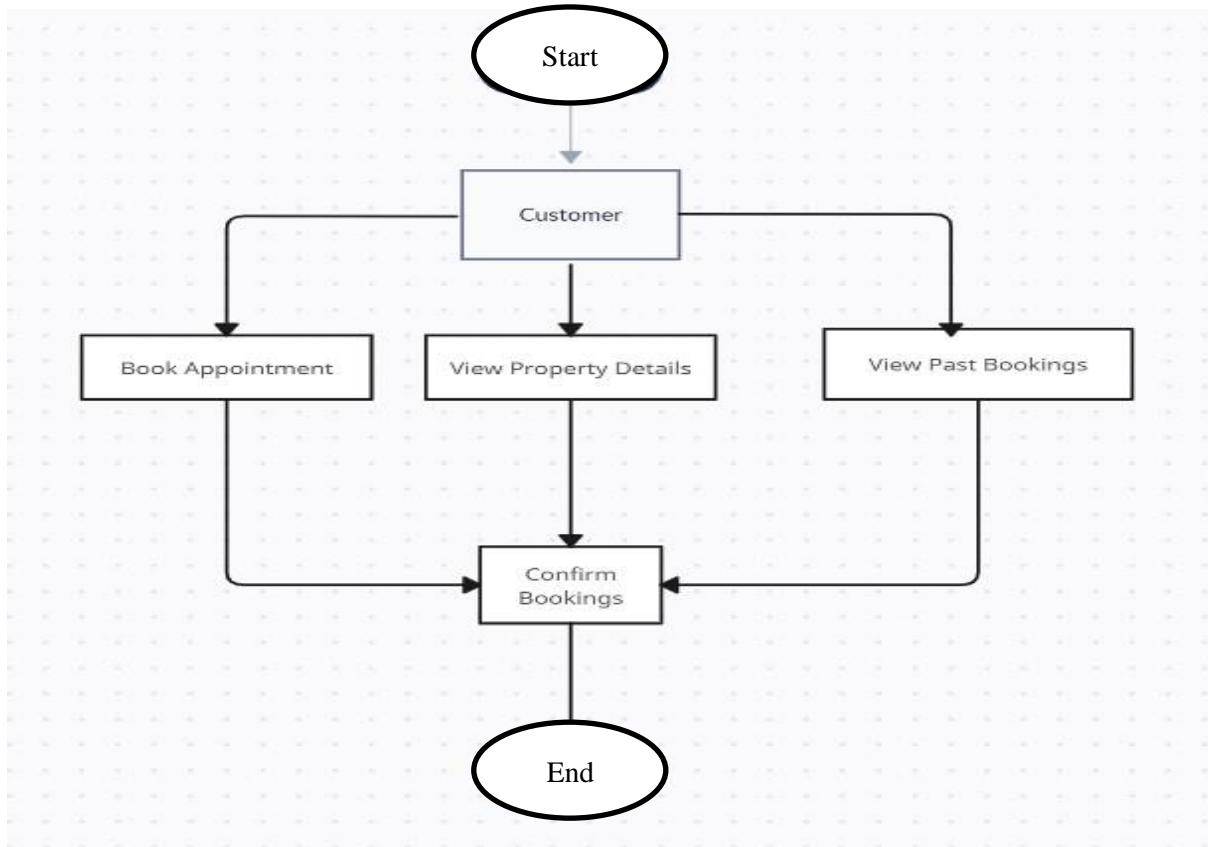
**FIG 6: ER DIAGRAM**

Entity Relationship Diagram is also known as ERD, ER Diagram or ER Model. It is a high level data model. It is used to define the relationship between different entities. It also develops a very simple and easy to design view of data. It describes in brief that how the different entities are related to each other.

### 3.5.4 FLOW CHARTS

A flow chart is a graphical or symbolic representation of a process. Each step in the process is represented by a different symbol and contains a short description of the process step. The flow chart symbols are linked together with arrows showing the process flow direction. Given below are the 3 flowcharts of 3 different targeted users of our applications that depict the flow of web application.

#### CUSTOMER:-

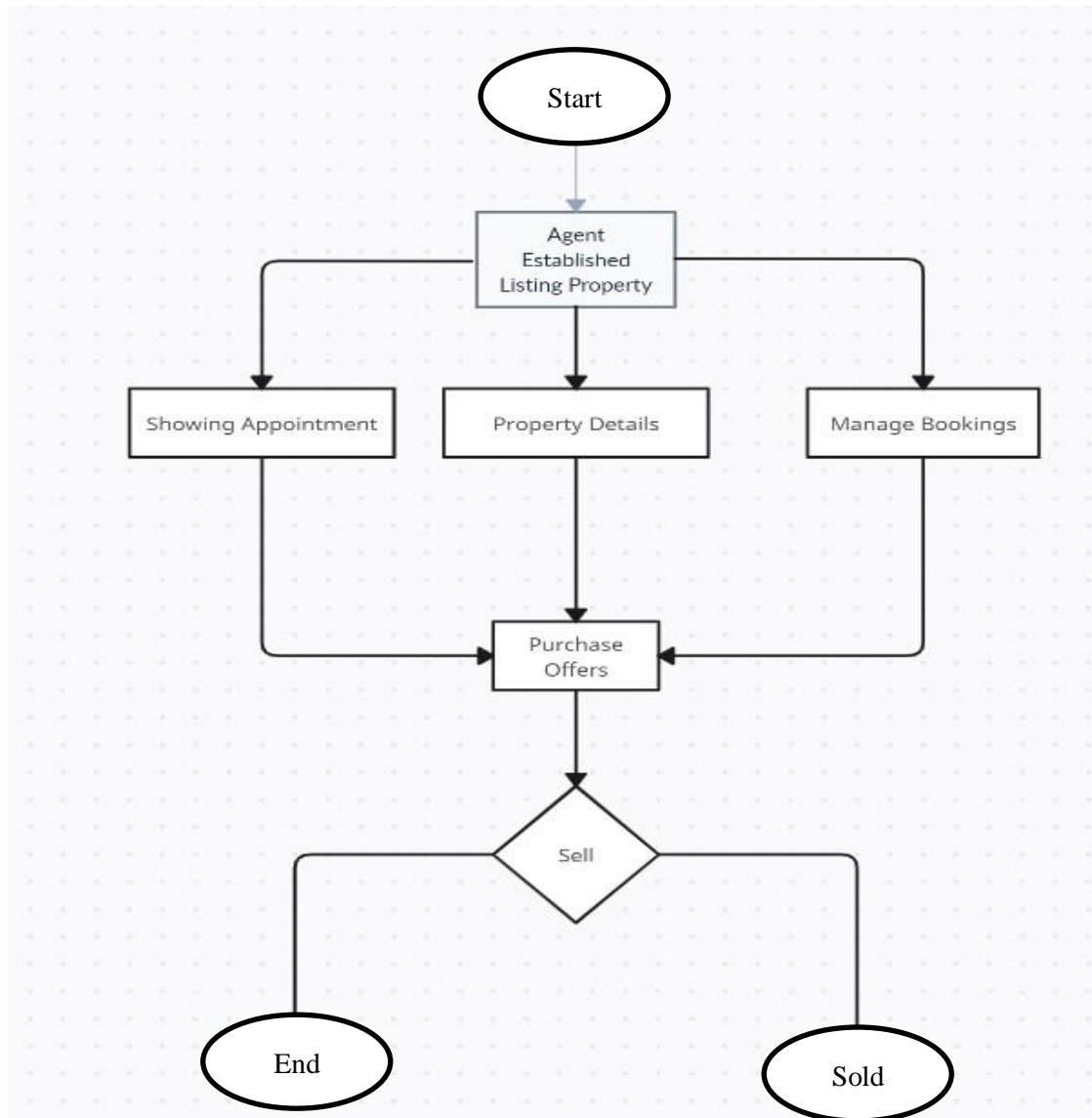


Booking a property, viewing a property, and handling past bookings.

**Booking a Property:** This process involves gathering property requirements from the customer, searching for available properties that meet those requirements, selecting a desired property, checking its availability.

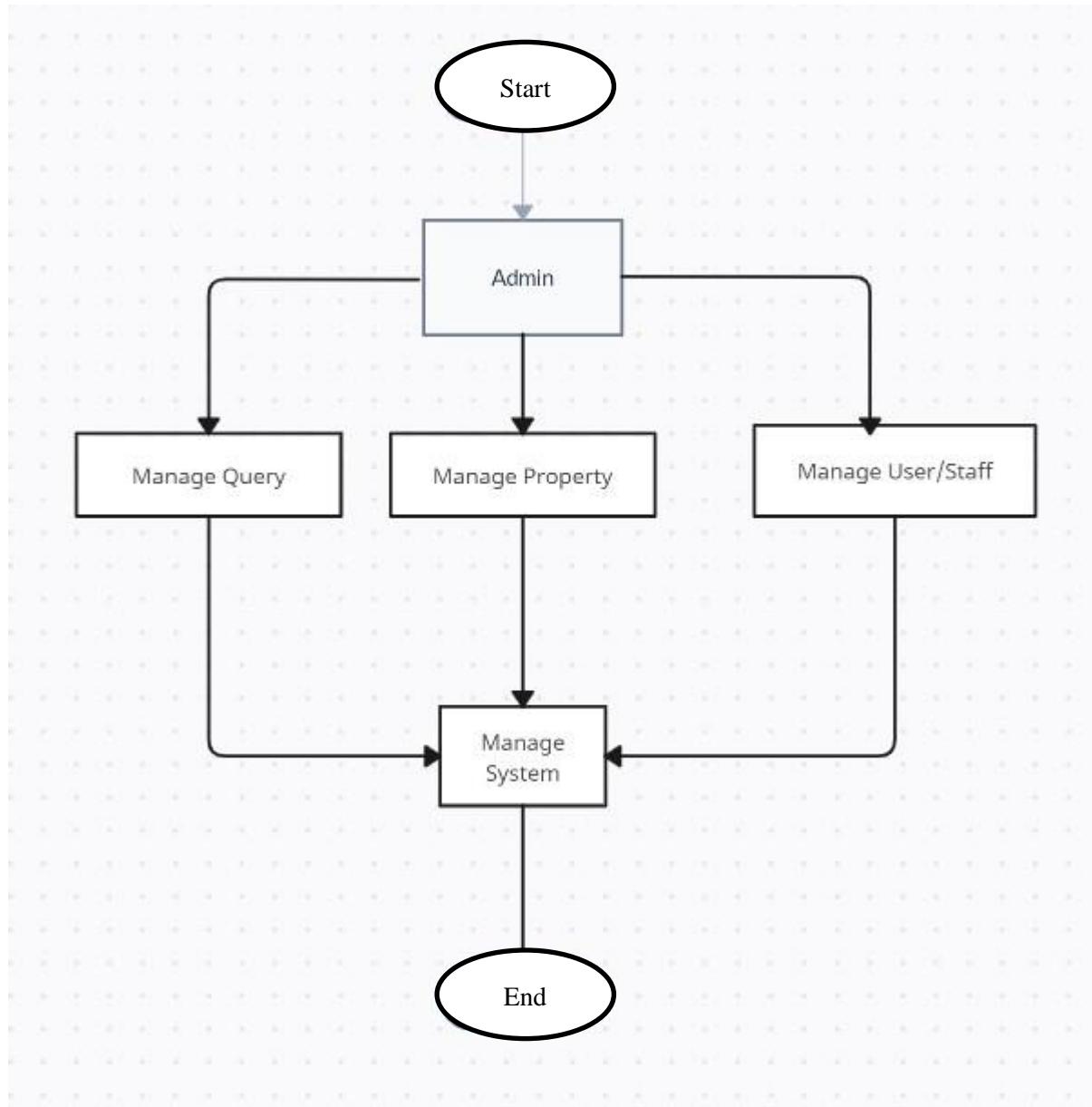
**Viewing a Property:** Here, customers explore different property options, schedule viewings, visit the properties, evaluate their features.

**Past Book Property:** This process focuses on actions related to past bookings. Customers can request booking details, retrieve booking information such as dates and property details.

**STAFF:-**

They handle all the relevant information about the property. This may include property features, descriptions, pricing, and other relevant details. Once the property details are managed, the staff moves on to "Manage Property Bookings." Here, they handle the booking process, including checking availability, making reservations, and managing any changes or cancellations. After managing the property bookings, the staff proceeds to "Showing Appointment Description."

**ADMIN:**



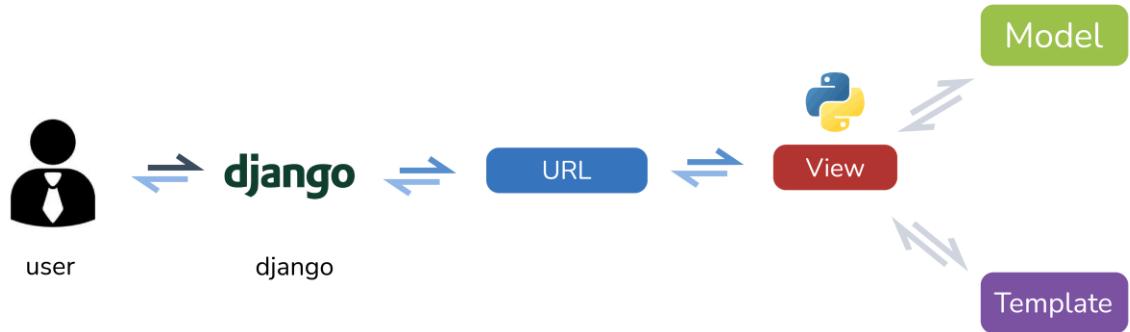
The admin can start by managing users and staff, which includes creating, updating, deleting, and viewing their details.

The admin can handle queries by receiving them, assigning them to staff members, following up on their progress, resolving them, and eventually closing them. The admin can also view the history of queries for reference or analysis purposes. They can manage properties by adding new properties, updating existing ones, deleting properties when necessary, and viewing detailed information about each property. The admin can search for specific properties about properties, and manage property listings, which may involve tasks such as publishing or removing listings.

### 3.6 SOFTWARE ARCHITECTURE

This Project Software Architecture based on MVT:-

- Model: Represents the data structure and business logic of the application. It defines the data models, database interactions, and other functionalities related to data handling.
- View: Handles the logic for processing and responding to user requests. It retrieves data from the models, applies any necessary transformations or computations, and passes the processed data to the template for rendering.
- Template: Defines the presentation layer of the application. It contains HTML, along with placeholders and template tags, to dynamically render data received from the views. Templates allow for the separation of presentation and logic.



**FIG 10: S/W Architecture**

# **CHAPTER 4**

## **IMPLEMENTATION & CODING**

- 4.1 Operating System
- 4.2 Languages
- 4.3 S/W Tools

## Chapter 4- IMPLEMENTATION & CODING

### 4.1 OPERATING SYSTEM

- Windows 8/10/11
- Mac OS: Mac OS X 10.10 or later.

### 4.2 LANGUAGE

- **Bootstrap:** Bootstrap is a popular open-source front-end framework for building responsive and mobile-first websites and web applications. It was developed by Twitter and is currently maintained by a team of developers and contributors.
- **SQLite:** SQLite is a lightweight, embedded, serverless relational database management system (RDBMS). It is written in the C programming language and is designed to be self-contained, meaning that it does not require a separate server process to operate. Instead, the SQLite engine is integrated into the application that uses it, making it ideal for local data storage and small-scale applications.
- **Python:** Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. It is a popular programming language. It was created by Guido Van Rossum and first released in 1991. It is known for its simplicity, readability, versatility, making it one of the most popular programming languages in the world. Some important features of python are:

- Readability
- Dynamic Typing
- Interpreted
- Cross Platform Compatibility
- Extensive Standard Library

Various packages/frameworks of python that are used in HR51-Properties application are described below:

- a) **Django:** Django is a high-level Python web framework that

simplifies the process of building web applications. It follows the Model-View-Template (MVT) architectural pattern and provides a set of tools and libraries to help developers create robust and scalable web applications efficiently.

- b) **Django Math Filters:** Django Math Filters is a library or package that provides a set of math-related template filters for Django web applications. It extends Django's template engine with additional mathematical operations and functions that can be applied to numeric values in your templates.

### 4.3 SOFTWARE TOOLS:

- **PythonAnywhere:** PythonAnywhere is an online integrated development environment (IDE) and web hosting platform for python applications. It allows developers to write, run and deploy the python code directly from a web browser without the need of local installation or setup. It offers free as well as paid plans which can be purchased by the developers as per their needs and requirements. The free plan provides limited resources and features while the paid plans offer more resources, increased scalability and additional features. It is particularly used for beginners, or developers who want to host their python code without any complex setup or hosting infrastructures. It simplifies the process of coding, testing and deploying, all at the same platform. It provides various options after deployment as well such as error logs, server logs, and access logs.
- **VS Code:** Visual Studio code is a free and open source code editor developed by Microsoft. It is widely used by developers for various programming languages and platforms, including web development, mobile app development, and cloud-based development. Its flexibility, wide variety of extensions for formatting code, generating boiler plates, etc and continuous improvement through community contributions are the reasons for its popularity and wide usage by the users of all kinds.

- **CODE SCREENSHOTS :**

1. **Home Page:-**

- Home Page Of HR51 Property which is the landing or main page of the site.  
This is the page that is visible to customers on the time of visit to our website before signup or login.
- Here is the nav bar that contains:-
  - Home
  - Properties
  - Contact
  - About
  - Login

**Code:**

```

templates > index.html > section > div.container-fluid.header.bg-white.p-0 > div.row.g-0.align-items-center.flex-column-reverse.flex-md-row > div.col-md-6.animated.fadeIn > div.owl-carousel.header-carousel
1  {% extends 'basic.html' %} 
2  {% block title %}Hr51 Properties
3  {% endblock title %}
4  {% block body %}
5  <!-- Booking Section starts here-->
6  <section>
7    <!-- Header Start -->
8    <div class="container-fluid header bg-white p-0">
9      <div class="row g-0 align-items-center flex-column-reverse flex-md-row">
10        <div class="col-md-6 p-5 mt-1g-5">
11          <h1 class="display-5 animated fadeIn mb-4">Find A <span class="text-primary">Perfect Home</span> To Live
12            With Your Family</h1>
13          <p class="animated fadeIn mb-4 pb-2">Know thyself. Understand the type of home that suits your personality</p>
14          <a href="/property" class="btn btn-primary py-3 px-5 me-3 animated fadeIn">Explore</a>
15        </div>
16        <div class="col-md-6 animated fadeIn">
17          <div class="owl-carousel header-carousel">
18            <div class="owl-carousel-item">
19              
20            </div>
21            <div class="owl-carousel-item">
22              
23            </div>
24            <div class="owl-carousel-item">
25              
26            </div>
27            <div class="owl-carousel-item">
28              
29            </div>
30          </div>
31        </div>
32      </div>
33    </div>
34    <!-- Header End -->
35  </section>
36
37  <section>
38    <!-- Category Start -->
39    <div class="container-xxl py-5">
40      <div class="container">
41        <div class="text-center mx-auto mb-5 wow fadeInUp" data-wow-delay="0.1s" style="max-width: 600px;">
42          <h1 class="mb-3">Property Locations</h1>
43          <p></p>
44        </div>
45      <div class="row g-4">

```

```

37 <section>
38     <!-- Category Start -->
39     <div class="container-xxl py-5">
40         <div class="container">
41             <div class="text-center mx-auto mb-5 wow fadeInUp" data-wow-delay="0.1s" style="max-width: 600px;">
42                 <h1 class="mb-3">Property Locations</h1>
43             </div>
44             <div class="row g-4">
45                 {% for cat in categories %}
46                     <div class="col-lg-3 col-sm-6 wow fadeInUp" data-wow-delay="0.1s">
47                         <a class="cat-item d-block bg-light text-center rounded p-3" href="">
48                             <div class="rounded p-4">
49                                 <div class="icon mb-3">
50                                     
51                                 </div>
52                                 <div class="text mb-3">
53                                     {{cat.location}}</div>
54                                     {{cat.name}}</span>
55                                 </div>
56                             </a>
57                         </div>
58                     {% endfor %}
59                 </div>
60             </div>
61         </div>
62     <!-- Category End -->
63 </section>
64
65 <section>
66     <!-- Call to Action Start -->
67     <div class="container-xxl py-5">
68         <div class="container">
69             <div class="bg-light rounded p-3">
70                 <div class="bg-white rounded p-4" style="border: 1px dashed #rrgaa(0, 185, 142, .3)">
71                     <div class="row g-5 align-items-center">
72                         <div class="col-lg-6 wow fadeIn" data-wow-delay="0.1s">
73                             
74                         </div>
75                         <div class="col-lg-6 wow fadeIn" data-wow-delay="0.5s">
76                             <div class="mb-4">
77                                 <h3 class="mb-3">Contact With Our Certified Agent</h3>
78                             </div>
79                             <a href="/contact" class="btn btn-primary py-3 px-4 me-2 mb-1"><i class="fa fa-phone-alt me-2"></i>Contact Us</a>
80                             <a href="/user/book-room?roomid=1" class="btn btn-dark py-3 px-4 mb-1"><i class="fa fa-calendar-alt me-2"></i>Get Appointment</a>
81                         </div>
82                     </div>
83                 </div>
84             </div>

```

```

155 <div class="container-xxl py-5">
156     <div class="container">
157         <div class="text-center mx-auto mb-5 wow fadeInUp" data-wow-delay="0.1s" style="max-width: 600px;">
158             <h1 class="mb-3">Our Clients Say!</h1>
159         </div>
160         <div class="owl-carousel testimonial-carousel wow fadeInUp" data-wow-delay="0.1s">
161             <div class="testimonial-item bg-light rounded p-3">
162                 <div class="bg-white border rounded p-4">
163                     <p>Tempor sit labore dolor clita stet diam amet ipsum dolor duo ipsum rebum stet dolor amet diam stet. Est stet ea lorem amet est kasd kasd erat eos</p>
164                     <div class="d-flex align-items-center">
165                         
166                         <div class="ps-3">
167                             <h6 class="fw-bold mb-1">Client Name</h6>
168                         </div>
169                     </div>
170                 </div>
171             </div>
172             <div class="testimonial-item bg-light rounded p-3">
173                 <div class="bg-white border rounded p-4">
174                     <p>Tempor sit labore dolor clita stet diam amet ipsum dolor duo ipsum rebum stet dolor amet diam stet. Est stet ea lorem amet est kasd kasd erat eos</p>
175                     <div class="d-flex align-items-center">
176                         
177                         <div class="ps-3">
178                             <h6 class="fw-bold mb-1">Client Name</h6>
179                         </div>
180                     </div>
181                 </div>
182             </div>
183             <div class="testimonial-item bg-light rounded p-3">
184                 <div class="bg-white border rounded p-4">
185                     <p>Tempor sit labore dolor clita stet diam amet ipsum dolor duo ipsum rebum stet dolor amet diam stet. Est stet ea lorem amet est kasd kasd erat eos</p>
186                     <div class="d-flex align-items-center">
187                         
188                         <div class="ps-3">
189                             <h6 class="fw-bold mb-1">Client Name</h6>
190                         </div>
191                     </div>
192                 </div>
193             </div>
194             <div class="testimonial-item bg-light rounded p-3">
195                 <div class="bg-white border rounded p-4">
196                     <p>Tempor sit labore dolor clita stet diam amet ipsum dolor duo ipsum rebum stet dolor amet diam stet. Est stet ea lorem amet est kasd kasd erat eos</p>
197                     <div class="d-flex align-items-center">
198                         
199                         <div class="ps-3">
200                             <h6 class="fw-bold mb-1">Client Name</h6>
201                         </div>
202                     </div>
203                 </div>
204             </div>
205         </div>
206     <!-- Testimonial End -->
207
208     {% endblock body %}
```

## 2. Properties:-

- The Properties Section has all the properties that are listed over the site by different builders over the city.
- The Property has:-
  - Builder's Name
  - Property's Price
  - Address of the Property
  - Details of Property

Here a customer can also use the filters for searching the properties as per their convenience. Filtering can be applied on any particular keyword.

### Code:

```

1  {% extends 'basic.html' %}
2  {% block title %}
3  Properties
4  {% endblock title %}
5
6  {% block body %}
7  <section>
8    <!-- Search Start -->
9    <div class="container-fluid mb-5 wow fadeIn bg-primary" data-wow-delay="0.1s"
10      style="padding: 35px; background-image: url('https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSqDPROjF0i8a07FcgEViTlkN-89FBzKwDefrv1ksr
11      <form action="" method="POST">
12        {% csrf_token %}
13        <div class="container">
14          <div class="row g-2 my-4">
15            <div class="col-md-10">
16              <div class="row g-2">
17                <div class="col-md-7">
18                  <input type="text" class="form-control border-0 py-3" placeholder="Search Keyword">
19                </div>
20                <div class="col-md-3">
21                  <select class="form-select" name="search_location" id="roomstatus">
22                    <option selected>Location</option>
23                    {% for each_location,each_hotel_id in all_location %}
24                      <option value="{{each_hotel_id}}>{{each_location}}</option>
25                    {% endfor %}
26                  </select>
27                </div>
28
29                  {%load app_tags%}
30                  <div class="col-lg-2">
31                    <input class="form-control mr-sm-2" type="number" placeholder="Area" name="capacity"
32                      id="capacity" aria-label="Search" required="True">
33                  </div>
34
35                </div>
36                <div class="col-md-2">
37                  <button class="btn btn-dark border-0 w-100" type="submit"
38                    value="Check Availability">Search</button>
39                </div>
40
41            <!--
42              {% if rooms %}
43                <h3 class="text-center text-light">Available Properties</h3>
44              {% endif %}
45            -->
46          </div>
47        </Form>
48      </div>
49      <!--Search End-->

```



### 3. LogIn/SignUp:-

- ‘Login’ is Common for both normal user and staff members. Staff members can enter their details a normal user but their credentials acts like a key to staff portal whereas a normal user can only be able to login into the site and can see the home page of the HR51 Property.
- ‘SignUp’ functionality is only available for customers but not for staff members because of safety issues. The Staff login credentials are only generated by Admin.

#### Code:

```

1  {% extends 'basic.html' %} 
2  {% block title %}login
3  {% endblock title %}
4  {% block css %} 
5  <style>
6      .divider:after,
7      .divider:before {
8          content: "";
9          flex: 1;
10         height: 1px;
11         background: #eee;
12     }
13 </style>
14 {% endblock css %}
15 {% block body %}
16 <!--Cards starts here-->
17 <div class="container py-5">
18     <!--login and signup tab starts here -->
19     <section>
20         <div class="card w-50 mx-auto">
21             <div class="card-title bg-light ">
22                 <div class="container mt-3 mx-auto">
23                     <!-- Nav tabs -->
24                     <ul class="nav nav-tabs justify-content-center w-100 " style="width:358px">
25                         <li class="nav-item">
26                             <a class="nav-link active " data-toggle="tab" href="#home" style="width:158px">Login</a>
27                         </li>
28                         <li class="nav-item">
29                             <a class="nav-link" data-toggle="tab" href="#menu1" style="width:158px">Signup</a>
30                         </li>
31                     </ul>
32                 </div>
33             </div>
34             <div class="card-body">
35
36             <!-- Tab panes -->
37             <div class="tab-content">
38                 <div id="home" class="container tab-pane active">
39                     <div class="text-center mb-3">
40                         <p>Sign in with:</p>
41                         <button type="button" class="btn btn-link btn-floating mx-1">
42                             <i class="fab fa-facebook-f"></i>
43                         </button>
44
45                         <button type="button" class="btn btn-link btn-floating mx-1">
46                             <i class="fab fa-google"></i>
47                         </button>
48

```



#### 4. My Bookings:-

- This Section shows the properties that a user has booked throughout the site. All the bookings are listed chronologically and a user can see any of that booking and it's details.
- Some of the details will be mentioned here :-
  - Name
  - Property Code and Name
  - Location
  - Price
  - Property Agent
  - More Details Regarding the Property.

#### Code:

```

1  {% extends 'basic.html' %} 
2  {% block title %}Dashboard{% endblock title %} 
3  {% block body %} 
4  {% load app_tags %} 
5  <div class="table-responsive"> 
6      <div class="m-5"> 
7          <table class="table"> 
8              <thead> 
9                  <th>Name</th> 
10                 <th>Property Code & Name</th> 
11                 <th>Location</th> 
12                 <th>Date</th> 
13                 <th>Price</th> 
14                 <th>Property Agent</th> 
15                 <th>More Details</th> 
16             </thead> 
17             {% for each_booking in bookings %} 
18                 <tr> 
19                     <td style="text-transform: capitalize;">{{each_booking.guest.username}}</td> 
20                     <td>{{each_booking.room.roomnumber}} | {{each_booking.room.title}}</td> 
21                     <td style="text-transform: capitalize;">{{each_booking.room.hotel.location}}</td> 
22                     <td>{{each_booking.check_out}}</td> 
23                     <td>{{each_booking.room.price}}</td> 
24                     <td style="text-transform: capitalize;">{{each_booking.room.hotel.owner}}</td> 
25                     <td style="text-transform: capitalize;"><a href="/propertydetails/{{each_booking.room.url}}>Know More</a></td> 
26                 </tr> 
27             {% endfor %} 
28         </table> 
29     </div> 
30 </div> 
31 {% endblock body %} 
32 
33 
```

## **5. Property Details :-**

Property detail page provides comprehensive information about a specific property that is listed for sale or rent. The purpose of this page is to offer potential buyers or renters detailed insights into the property's features, specifications, and other relevant details. Here are some common elements found on a property detail page:

- Property Overview: This section provides a brief summary of the property, including its type (house, apartment, etc.), location, and general features.
  - Description: A detailed description of the property, highlighting its unique selling points, architectural style, layout, and any recent renovations or upgrades.

## Code:

```
{%extends "basic.html" %}

{#block title#}Home{#endblock#}
{# block css #}
<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.3.0/css/font-awesome.min.css" rel="stylesheet">
<link href="/static/css/map.css" rel="stylesheet">
{# endblock css #}

{#block body#}
{#block content#}

<div class="w3-content" style="max-width:2000px">
    <div id="main" classe="m-3" style="margin-bottom: 10px;">
        <!-- start:real estates detail -->
        <div class="row" id="real-estates-detail">
            <div class="col-lg-3 col-md-4 col-xs-12">
                <div class="panel panel-default" id="panel-default">
                    <div class="panel-heading">
                        <header class="panel-title">
                            <div class="text-center pt-3">
                                <strong>RealEstate </strong>Agent<strong>. </strong>
                            </div>
                        </header>
                    </div>
                    <hr>
                    <div class="panel-body">
                        <div class="text-center" id="author">
                            
                            <h5>{{room.hotel.owner}}</h5>
                            <small>{{room.hotel.intro}}</small><br>
                            <small>{{room.hotel.location}}, {{room.hotel.contact}}</small>
                            <p class="list-group-item ab-3">
                                <a href="#detail" data-toggle="tab"><i class="fa fa-book" title="Google Plus"></i></a>
                                <a href="#photo" data-toggle="tab"><i class="fa fa-arrow-right" title="Google Plus"></i></a>
                            </p>
                        </div>
                    </div>
                </div>
                <div class="d-flex justify-content-end pt-2 px-2">
                    <ul id="myTab" class="nav nav-pills">
                        <li class=""><a style="height: 35px;" class="mr-2" href="#" data-toggle="tab">Details</a>
                        </li>
                        <li class="active"><a style="height: 35px;" class="mr-2" href="#" data-toggle="tab"><i class="fa fa-image" title="Facebook"></i></a></li>
                    </ul>
                </div>
            </div>
            <div class="col-lg-9 col-md-8 col-xs-12">
```

```

45
46
47
48
49     </div>
50     <div class="col-lg-9 col-md-8 col-xs-12">
51         <div class="panel">
52             <div class="panel-body">
53                 <div class="d-flex justify-content-end pt-2 px-2">
54                     <ul id="myTab" class="nav nav-pills">
55                         <li class=""><a href="#detail" data-toggle="tab">Details</a></li>
56                         <li class="active"><a href="#photo" data-toggle="tab">Revert</a></li>
57                     </ul>
58                 </div>
59             <hr>
60             <div id="myTabContent" class="tab-content">
61                 <div class="" id="photo">
62                     <div id="carouselExampleControls" class="carousel slide" data-ride="carousel">
63                         <div class="carousel-inner">
64                             <div class="carousel-item active">
65                                 <a href="/media/{{room.image}}">
66                                     
67                                 </a>
68                             </div>
69                             <div class="carousel-item">
70                                 <a href="/media/{{room.image1}}">
71                                     
72                                 </a>
73                             </div>
74                             <div class="carousel-item">
75                                 <a href="/media/{{room.image2}}">
76                                     
77                                 </a>
78                             </div>
79                             <div class="carousel-item">
80                                 <a href="/media/{{room.image3}}">
81                                     
82                                 </a>
83                             </div>
84                             <div class="carousel-item">
85                                 <a href="/media/{{room.image4}}">
86                                     
87                                 </a>
88                             </div>
89                         </div>
90                         <div class="carousel-control-prev" data-slide="prev"><span>Previous</span></div>
91                         <div class="carousel-control-next" data-slide="next"><span>Next</span></div>
92                     </div>
93                 </div>
94             </div>
95         </div>
96     </div>

```

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```

## 6. Terms & Condition:-

Terms and conditions, also known as terms of service or terms of use, are a set of rules, guidelines, and contractual obligations that users must agree to when accessing or using a website, application, or service. These terms establish the legal relationship between the user and the provider of the service or platform.

### Code:

```

1  {% extends 'basic.html' %} 
2  {% block title %}Dashboard{% endblock title %}
3  {% block body %}
4  {% load app_tags %}
5  <div class="table-responsive">
6    <div class="mt-5">
7      <div style="margin-left: 20%; margin-right: 20%; ">
8        <h3 class="text-center text-primary">
9          Terms & Conditions
10         </h3>
11        <hr>
12        <p>
13          style="text-align: justify; font-family: system-ui, -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu, Cantarell, 'Open Sans', 'Helvetica Neue', sans-serif;";>
14          1. DEFINITIONS<br>
15          Unless otherwise specified, the capitalized terms shall have the meanings set out below:
16          Account means and includes the account created on the Site, by the User, in accordance with the terms of
17          the Agreement, registered with and approved by HR51Properties.
18          Agreement means and includes the Terms and Conditions, Privacy Policy and any other such terms and
19          conditions that may be mutually agreed upon between HR51Properties and the User in relation to the Services.
20          Applicable Law means and includes any statute, law, regulation, sub-ordinate legislation, ordinance,
21          rule, judgment, rule of law, order (interim or final), writ, decree, clearance, Authorizations,
22          approval, directive, circular guideline, policy, requirement, code of practice or guidance note, or
23          other governmental, regulatory, statutory, administrative restriction or any similar form of decision,
24          or determination by, or any interpretation or administration of any of the foregoing by, any statutory
25          or regulatory authority or government agency or any other authority, in each case having jurisdiction
26          over the subject matter of this Agreement.
27          Broker means and includes all brokers, channel partners, sales agencies and other third parties who/
28          which negotiate or act on behalf of one person in a transaction of transfer including sale, purchase,
29          lease and license, lease or such other form of transfer in relation to a plot, apartment or building, as
30          the case may be, including marketing and promotion of such plot, apartment or building, for remuneration
31          or fees or any other charges for his services whether as commission or otherwise and includes a person
32          who introduces, through any medium, prospective parties to each other for negotiations and includes
33          property dealers, brokers, middlemen by whatever name called and real estate agent as defined under the
34          Real Estate (Regulation and Development) Act, 2016.
35          Computer Virus means and includes any computer instruction, information, data or programme that
36          destroys, damages, degrades or adversely affects the performance of a computer resource or attaches
37          itself to another computer resource and operates when a programme, data or instruction is executed or
38          some other event takes place in that computer resource.
39          Confidential Information means and includes all information that is not in the public domain, in spoken,
40          printed, electronic or any other form or medium, relating directly or indirectly to, the assets,
41          business processes, practices, methods, policies, subscription plans, publications, documents, research,
42          operations, services, strategies, techniques, agreements, contracts, terms of agreements, transactions,
43          potential transactions, negotiations, pending negotiations, know-how, trade secrets, computer programs,
44          computer software, applications, operating systems, software design, web design, work-in-process,
45          databases, manuals, records and reports, articles, systems, material, sources of material, supplier
46          identity and information, vendor identity and information, user identity and information, financial
47          identity and information.
48          The Users hereby expressly acknowledge and agree that HR51Properties will not be liable for the User's losses
49          or damages (whether direct or indirect) caused by any activity undertaken by the User on the basis of
50          any UGC.
51          <br>
52          INTELLECTUAL PROPERTY
53          i. HR51Properties respects the Intellectual Property Rights of others and asks its Users to do the same. The
54          User shall have the sole responsibility for the Intellectual Property ownership or right to use of any
55          information that the Users submit via the Site and the Users may not use the Site to transmit or
56          reproduce someone else's Intellectual Property.
57          ii. The User shall be held liable for acts including but not limited to those set out below herein, for
58          any such infringement of HR51Properties's Intellectual Property Rights:
59          (a) misrepresentation of User Information or Content as their own property;
60          (b) using the Content directly or indirectly, publicly or privately for charging brokerage from the
61          Users;
62          (c) using the Content directly or indirectly, publicly or privately for charging brokerage from any
63          third party; and
64          (d) using the Content to display Broker like behaviour.
65          iii. The User shall not upload, post or otherwise make available on the Site, Intellectual Property
66          without the express permission of the concerned owner and the User shall be solely liable for any damage
67          resulting from any infringement of such Intellectual Property.
68          iv. HR51Properties reserves the right to initiate appropriate legal proceedings against any User or third
69          party for any infringement of its Intellectual Property Rights, in accordance with Applicable Law.
70          v. The User further accepts and agrees that HR51Properties shall have Intellectual Property Rights on all
71          information and data provided or shared by the User on the Site.
72          <br>
73          OPERATIONAL HAZARDS/ COMPUTER VIRUS ATTACKS
74          i. HR51Properties does not warrant in any manner whatsoever that the Site or any other software utilized by
75          HR51Properties for internal purposes, shall at all times remain free from any harmful components and
76          operational hazards such as Computer Virus, worms, trojans and such related components that might be a
77          threat to the information available with HR51Properties.
78          ii. HR51Properties shall endeavor to keep the Site secured against any possible bugs, viruses or other
79          technical problems in compliance with the best practices of this industry.
80          iii. HR51Properties shall not be held liable for any damage or injury caused due to performance, failure of
81          performance, error, omission, interruption, deletion, defect, delay in operation or transmission,
82          Computer Virus, link failure, site crash, malfunctioning or software/ hardware, unavailability of
83          network, communications line failure, theft or destruction or unauthorized access to, alteration of, or
84          use of information, whether resulting in whole or in part from negligence or otherwise.
85          </p>
86          <a href="#" style="text-decoration: none;">
87            <i class="fa fa-reply" aria-hidden="true">
88              Back
89            </i>
90          </a>
91        </div>
92      </div>
93    </div>
94  </div>
95

```

## 7. Contact Us:-

The Contact Us page provides visitors with a means to get in touch with the website owner or customer support team. It typically includes information and various communication channels that allow users to reach out for inquiries, feedback, or assistance. The Contact Us page serves as a bridge between the website and its users, facilitating effective communication and engagement.

### Code:

```

31 | </style>
32 | {% endblock css %}
33 | {% block body %}
34 | <!--Section: Contact v.2-->
35 | <div class="form-area">
36 |   <div class="container">
37 |     <div class="row single-form g-0">
38 |       <div class="col-sm-12 col-lg-6" id="booking">
39 |         <div class="left">
40 |           <p id="textbold">
41 |             <span>
42 |               Our mailing address:
43 |             <br>
44 |             Plot 211, Sector-31, Omaxe
45 |             Faridabad 20122001
46 |             Haryana, India
47 |             <br>
48 |             <br>
49 |           </span>
50 |
51 |           <span>
52 |             In case of any queries:
53 |             <br>
54 |             +91-7219240140
55 |             support@hr51properties.com
56 |           </span>
57 |         </p>
58 |       </div>
59 |     </div>
60 |     <div class="col-sm-12 col-lg-6">
61 |       <div class="right">
62 |         <i class="fa fa-caret-left"></i>
63 |         {% csrf_token %}
64 |         <form id="contact-form" name="contact-form" action="" method="POST">
65 |         {% csrf_token %}
66 |           <div class="mb-2">
67 |             <label for="exampleInputEmail1" class="form-label">Your Name</label>
68 |             <input type="text" class="form-control" aria-describedby="emailHelp" id="name" name="name" value="{{request.user}}>
69 |           </div>
70 |           <div class="mb-2">
71 |             <label for="exampleInputEmail1" class="form-label">Email Address</label>
72 |             <input type="email" class="form-control" aria-describedby="emailHelp" id="email" name="email" value="{{request.user.email}}>
73 |           </div>
74 |           <div class="mb-2">
75 |             <label for="exampleInputEmail1" class="form-label">Contact Number</label>
76 |             <input type="number" class="form-control" aria-describedby="emailHelp" id="phoneno" name="phoneno">
77 |           </div>
78 |           <div class="mb-3">
79 |             <label for="exampleInputPassword1" class="form-label">Message</label>
80 |             <textarea type="text" class="form-control" id="content" name="content"></textarea>
81 |           </div>
82 |           <button type="submit" class="btn btn-primary">Submit</button>
83 |         </form>
84 |       </div>
85 |     </div>
86 |   </div>
87 | {% endblock body %}

```

## 8. Review Page:-

where we provide honest and insightful feedback on a wide range of products/services. Our team of experts meticulously evaluates each offering to help you make informed decisions. Discover unbiased reviews, ratings, and detailed analyses that highlight the pros and cons of various options.

### Code:

```

13  {% endblock css %}
14  {% block body %}
15  <!--Section: Contact v.2-->
16  <div class="form-area">
17      <div class="container">
18          <div class="row single-form g-0">
19              <div class="col-sm-12 col-lg-6" id="booking">
20                  <div class="left" id="textbold">
21                      <h4>
22                          <span>
23                              Share your review with us.
24                          </span>
25                      </h4>
26                  </div>
27              </div>
28              <div class="col-sm-12 col-lg-6">
29                  <div class="right">
30                      <i class="fa fa-caret-left"></i>
31                  {% csrf_token %}
32                  <form id="contact-form" name="contact-form" action="" method="POST">
33                      {% csrf_token %}
34                      <div class="mb-2">
35                          <label for="exampleInputEmail1" class="form-label">Your Name</label>
36                          <input type="text" class="form-control" aria-describedby="emailHelp" id="name" name="name" value="{{request.user}}>
37                      </div>
38                      <div class="mb-1">
39                          <label for="exampleInputPassword1" class="form-label">Message</label>
40                          <textarea type="text" class="form-control" id="content" name="content"></textarea>
41                      </div>
42                          <button type="submit" class="btn btn-primary">Submit</button>
43                      </form>
44                  </div>
45              </div>
46          </div>
47      </div>
48  </div>
49
50  {% endblock body %}

```

## **9. User Profile:-**

**Email:** The email address associated with a user's account. It is used for communication, account verification, and password recovery purposes. The email should be unique and private to the user.

**Username:** A username is a unique identifier chosen by a user to represent themselves on a particular platform or website. It is often displayed publicly and used for login purposes. Usernames can be chosen based on personal preference, and they may or may not reflect the user's real name. They are often used in social media, online forums, and other online communities.

## Code:

```
1 <div class="modal fade" id="profilemodal" tabindex="-1" role="dialog"
2   aria-labelledby="exampleModalCenterTitle" aria-hidden="true">
3     <div class="modal-dialog modal-dialog-centered" role="document">
4       <div class="modal-content">
5         <div class="modal-header">
6           <h5 class="modal-title" id="exampleModalCenterTitle">Profile</h5>
7           <button type="button" class="close" data-dismiss="modal" aria-label="Close">
8             <span aria-hidden="true">&times;</span>
9           </button>
10        </div>
11        <div class="modal-body" style="display: flex;">
12          
14          <div style="flex-direction: column;">
15            <p>
16              Username : {{request.user}}
17            </p>
18            <p>
19              Email : {{request.user.email}}
20            </p>
21          </div>
22        </div>
23        <div class="modal-footer">
24          <button type="button" class="btn btn-outline-secondary" data-dismiss="modal">Close</button>
25          <a type="button" class="btn btn-outline-primary" href="/logout">Logout</a>
26        </div>
27      </div>
28    </div>
29  </div>
```

## 10.Staff User:-

Staff User assist in property management, client interaction, and day-to-day operations of the real estate business. Staff members can manage their assigned property listings. They can add new properties, edit property details, update availability status, and view inquiries related to their listings. Staff members can schedule and manage property viewings and appointments with clients. They can coordinate appointment timings. Keeps a record of past appointments, including details such as the property viewed, the user's name, date.

### Code:

```

1  {% extends 'basic.html' %} 
2  {% block title %}staff
3  {% endblock title %}
4  {% block body %}
5  <!--Cards starts here-->
6  <div class="container py-5">
7      <!-- login and signup tab starts here -->
8      <section>
9          <div class="card w-50 mx-auto">
10             <div class="card-title bg-light ">
11                 <div class="container mt-3 mx-auto">
12                     <!-- Nav tabs -->
13                     <ul class="nav nav-tabs justify-content-center w-100 " style="width:358px">
14                         <li class="nav-item">
15                             <a class="nav-link active " data-toggle="tab" href="#home" style="width:158px">Login</a>
16                         </li>
17                         <li class="nav-item">
18                             <a class="nav-link" data-toggle="tab" href="#menu1" style="width:158px">Signup</a>
19                         </li>
20                     </ul>
21             </div>
22         </div>
23         <div class="card-body">
24
25             <!-- Tab panes -->
26             <div class="tab-content">
27                 <div id="home" class="container tab-pane active">
28                     <p class="text-center text-dark">Staff login form</p>
29                     <div class="container">
30
31                         <div class="row">
32                             <div class="col-md-12 col-lg-12 col-xlg-12">
33
34                             <form action="/staff/login" method="post">
35                                 {%csrf_token%}
36                                 <div class="form-group">
37                                     <label for="email">username:</label>
38                                     <input type="text" class="form-control " id="username" placeholder="username" name="username">
39                                 </div>
40                                 <div class="form-group">
41                                     <label for="pwd">Password:</label>
42                                     <input type="password" class="form-control " id="password" placeholder="password" name="password">
43                                 </div>
44                                 <div class="form-group form-check">
45                                     <label class="form-check-label">
46                                         <input class="form-check-input " type="checkbox"
47                                         name="remember">
48                                         Remember me
49                                     </label>

```

```

56
57     </div>
58     <div id="menu1" class="container tab-pane fade">
59         <p class="text-center text-dark">Staff Signup form</p>
60         <div class="container">
61             <div class="row">
62                 <div class="col-md-12 col-lg-12 col-xlg-12">
63                     <form action="/staff/signup" method="POST">
64                         {% csrf_token %}
65                         <div class="form-group">
66                             <label for="username">Username:</label>
67                             <input type="text" class="form-control" id="username" placeholder="Username" name="username">
68                         </div>
69                         <div class="form-group">
70                             <label for="password1">Password:</label>
71                             <input type="password" class="form-control" id="password1" placeholder="password" name="password1">
72                         </div>
73                         <div class="form-group">
74                             <label for="password2">Confirm Password:</label>
75                             <input type="password" class="form-control" id="password2" placeholder="Confirm Password" name="password2">
76                         </div>
77
78                         <button type="submit" class="btn btn-primary">Sign Up</button>
79                     </form>
80                 </div>
81             </div>
82         </div>
83     </div>
84
85
86
87
88
89     </div>
90 </div>
91     <!--Login and logout tab ends here-->
92 </div>
93
94 {% endblock body %}
95

```

```

58
59         </a>
60         <div class="sb-sidenav-menu-heading">Interface</div>
61         <a class="nav-link collapsed" href="#" data-bs-toggle="collapse"
62             data-bs-target="#collapseLayouts" aria-expanded="false" aria-controls="collapseLayouts">
63             <div class="sb-nav-link-icon"><i class="fas fa-columns"></i></div>
64             Layouts
65             <div class="sb-sidenav-collapse-arrow"><i class="fas fa-angle-down"></i></div>
66         </a>
67         <div class="collapse" id="collapseLayouts" aria-labelledby="headingOne"
68             data-bs-parent="#sidenavAccordion">
69             <nav class="sb-sidenav-menu-nested nav">
70                 <a class="nav-link" href="#">Static Navigation</a>
71                 <a class="nav-link" href="#">Layout-Sidenav-Light.html>Light Sidenav</a>
72             </nav>
73         </div>
74         <a class="nav-link collapsed" href="#" data-bs-toggle="collapse" data-bs-target="#collapsePages"
75             aria-expanded="false" aria-controls="collapsePages">
76             <div class="sb-nav-link-icon"><i class="fas fa-book-open"></i></div>
77             Pages
78             <div class="sb-sidenav-collapse-arrow"><i class="fas fa-angle-down"></i></div>
79         </a>
80         <div class="collapse" id="collapsePages" aria-labelledby="headingTwo"
81             data-bs-parent="#sidenavAccordion">
82             <nav class="sb-sidenav-menu-nested nav accordion" id="sidenavAccordionPages">
83                 <a class="nav-link collapsed" href="#" data-bs-toggle="collapse"
84                     data-bs-target="#pagesCollapseAuth" aria-expanded="false"
85                     aria-controls="pagesCollapseAuth">
86                     Authentication
87                     <div class="sb-sidenav-collapse-arrow"><i class="fas fa-angle-down"></i></div>
88                 </a>
89                 <div class="collapse" id="pagesCollapseAuth" aria-labelledby="headingOne"
90                     data-bs-parent="#sidenavAccordionPages">
91                     <nav class="sb-sidenav-menu-nested nav">
92                         <a class="nav-link" href="#">Staff Login</a>
93                         <a class="nav-link" href="#">Login</a>
94                         <a class="nav-link" href="#">Register</a>
95                     </nav>
96                 </div>
97                 <a class="nav-link collapsed" href="#" data-bs-toggle="collapse"
98                     data-bs-target="#pagesCollapseError" aria-expanded="false"
99                     aria-controls="pagesCollapseError">
100                     Error
101                     <div class="sb-sidenav-collapse-arrow"><i class="fas fa-angle-down"></i></div>
102                 </a>
103                 <div class="collapse" id="pagesCollapseError" aria-labelledby="headingOne"
104                     data-bs-parent="#sidenavAccordionPages">
105                     <nav class="sb-sidenav-menu-nested nav">

```

```

122         <div class="container-fluid px-4">
123             <h1 class="mt-4">All Appointments</h1>
124             <ol class="breadcrumb mb-4">
125                 <li class="breadcrumb-item active">Dashboard</li>
126             </ol>
127             <div class="card mb-4">
128                 <div class="card-header">
129                     <i class="fas fa-table me-1"></i>
130                     Property Details
131                 </div>
132                 <div class="card-body">
133                     <table id="datatablesSimple">
134                         <thead>
135                             <tr>
136                                 <th>User</th>
137                                 <th>Booking Id</th>
138                                 <th>Property Code</th>
139                                 <th>Property Name</th>
140                                 <th>Location</th>
141                                 <th>Visit Date</th>
142                                 <th>Price</th>
143                             </tr>
144                         <tr>
145                             <th colspan="2" style="text-align: center;">ActionsActions

```

## 11.Administrative:-

The admin user has administrative privileges and controls the overall functioning of the application. The admin should have access to features such as user management, content management, and staff management. The admin user is responsible for managing user accounts, setting permissions and access levels, monitoring system etc.

### Code:

```

1  from django.contrib import admin
2
3  # Register your models here.
4  from .models import Realator,PropertyView,Reservation, Contact
5
6  # for configuration of Category admin
7  class RealatorAdmin(admin.ModelAdmin):
8      list_display = ('image_tag', 'owner', 'name', 'add_date')
9      list_display_links = ('image_tag', 'name',)
10     list_filter = ('owner', 'name',)
11     search_fields = ('name',)
12
13
14 class PropertyAdmin(admin.ModelAdmin):
15     list_display = ('image_tag','title', 'is_published', 'prop_status','post_date',)
16     search_fields = ('title',)
17     list_editable = ('prop_status',)
18     list_filter = ('hotel', 'prop_status', 'property_bhk', )
19     list_per_page = 25
20
21     class Media:
22         js = ('https://cdn.tiny.cloud/1/no-api-key/tinymce/5/tinymce.min.js', 'js/script.js',)
23
24 class ContactAdmin(admin.ModelAdmin):
25     list_display = ('name', 'email', 'phoneno', 'timeStamp')
26     list_filter = ('timeStamp', )
27     search_fields = ('email', )
28
29 class ReservAdmin(admin.ModelAdmin):
30     list_display = ('booking_id', 'check_out', 'room', 'guest', )
31     list_filter = ('booking_id', 'check_out', )
32     search_fields = ('booking_id', )
33
34 # Register your models here.
35 admin.site.register(Realator, RealatorAdmin)
36 admin.site.register(PropertyView, PropertyAdmin)
37 admin.site.register(Reservation, ReservAdmin)
38 admin.site.register(Contact, ContactAdmin)

```

```

1  {% extends 'basic.html' %} 
2  {% block title %}Dashboard{% endblock title %}
3  {% block body %}
4  {% load app_tags %}
5  <div class="table-responsive">
6    <div class="mt-5">
7      <div style="margin-left: 20%; margin-right: 20%;">
8        <h3 class="text-center text-primary">
9          Privacy Policy
10       </h3>
11       <hr>
12       <p>
13         style="text-align: justify; font-family: system-ui, -apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, Oxygen, Ubuntu, Cantarell, 'Open Sans', 'Helvetica Neue', sans-serif; font-size: 10pt; color: black; margin-bottom: 10px;">
14           This Privacy policy is subject to the terms of the Site Policy (User agreement) of HR51Properties. This
15           policy
16           is effective from the date and time a user registers with HR51Properties by filling up the Registration
17           form
18           and accepting the terms and conditions laid out in the Site Policy.
19           In order to provide a personalised browsing experience, HR51Properties may collect personal information
20           from
21           you. Additionally some of our websites may require you to complete a registration form or seek some
22           information from you. When you let us have your preferences, we will be able to deliver or allow you to
23           access the most relevant information that meets your end.
24           To extend this personalized experience HR51Properties may track the IP address of a user's computer and
25           save
26           certain information on your system in the form of cookies. A user has the option of accepting or
27           declining the cookies of this website by changing the settings of your browser.
28           The personal information provided by the users to HR51Properties will not be provided to third parties
29           without
30           previous consent of the user concerned. Information of a general nature may however be revealed to
31           external parties
32           Every effort will be made to keep the information provided by users in a safe manner, the information
33           will be displayed on the website will be done so only after obtaining consent from the users. Any user
34           browsing the site generally is not required to disclose his identity or provide any information about
35           him/her, it is only at the time of registration you will be required to furnish the details in the
36           registration form.
37           A full user always has the option of not providing the information which is not mandatory. You are
38           solely responsible for maintaining confidentiality of the User password and user identification and all
39           activities and transmission performed by the User through his user identification and shall be solely
40           responsible for carrying out any online or off-line transaction involving credit cards / debit cards or
41           such other forms of instruments or documents for making such transactions and IEIL assumes no
42           responsibility or liability for their improper use of information relating to such usage of credit cards
43           / debit cards used by the subscriber online / off-line.
44           IEIL provides you the ability to keep your personal information accurate and up-to-date. If at any time
45           you would like to a) rectify, update, correct or delete your personal information; b) obtain
46           confirmation on whether or not your personal information is processed by it; c) access your personal

```

```

48   continuing disclosure of your personal information to any third party by IEIL in certain circumstances,
49   you are requested to contact us at feedback@HR51Properties.com. We will require you to provide a valid
50   proof of
51   your identity, in order to ensure that your rights are respected.
52   You agree that IEIL may use personal information about you to improve its marketing and promotional
53   efforts, to analyze site usage, improve the Site's content and product offerings, and customise the
54   Site's content, layout, and services. These uses improve the Site and better tailor it to meet your
55   needs, so as to provide you with a smooth, efficient, safe and customised experience while using the
56   Site.
57   You agree that IEIL may use your personal information to contact you and deliver information to you
58   that, in some cases, are targeted to your interests, such as targeted banner advertisements,
59   administrative notices, product offerings, and communications relevant to your use of the Site. By
60   accepting the User Agreement and Privacy Policy, you expressly agree to receive this information. If you
61   do not wish to receive these communications, we encourage you to opt out of the receipt of certain
62   communications in your profile. You may make changes to your profile at any time, if you wish to delete
63   your account on HR51Properties.com, you may do so by writing an email to feedback@HR51Properties.com or
64   by using the settings available in your account. It is the belief of IEIL that privacy of a person can be best
65   guaranteed by working in conjunction with the Law enforcement authorities.
66   All IEIL websites including HR51Properties fully comply with all Indian Laws applicable. IEIL has always
67   cooperated with all law enforcement inquiries. IEIL may disclose all or part of your personal details in
68   response to a request from the law enforcement authorities or in a case of bonafide requirement to
69   prevent an imminent breach of the law.
70   </p>
71   <a href="/" style="text-decoration: none;">
72     <i class="fa fa-reply" aria-hidden="true">
73       Back
74     </i>
75   </a>
76   </div>
77 </div>
78 </div>
79
80  {% endblock body %}

```

- **OUTPUT SCREENSHOTS :**

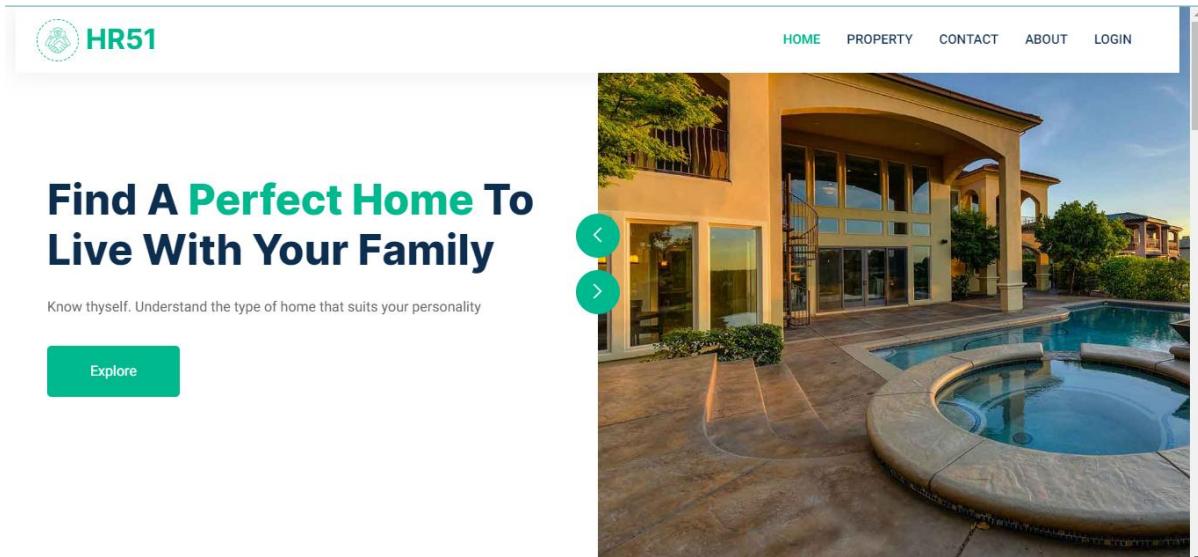
1. **Home Page:-**

- Home Page Of HR51 Property which is the landing or main page of the site.

This is the page that is visible to customers on the time of visit to our website before signup or login.

- Here is the nav bar that contains:-
- Home
- Properties
- Contact
- About
- Login

### **Output:**

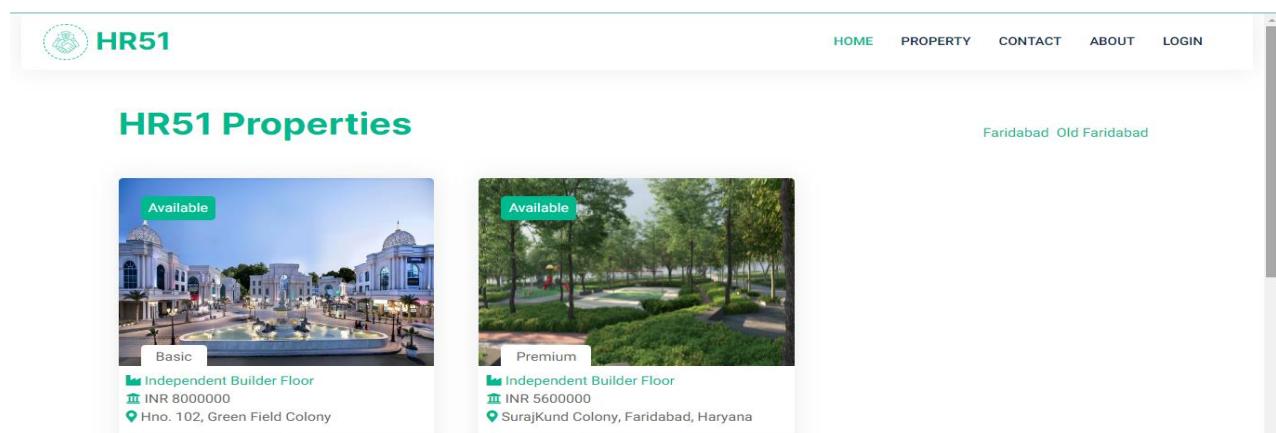


## 2. Properties:-

- The Properties Section has all the properties that are listed over the site by different builders over the city.
- The Property has:-
  - Builder's Name
  - Property's Price
  - Address of the Property
  - Details of Property

Here a customer can also use the filters for searching the properties as per their convenience. Filtering can be applied on any particular keyword.

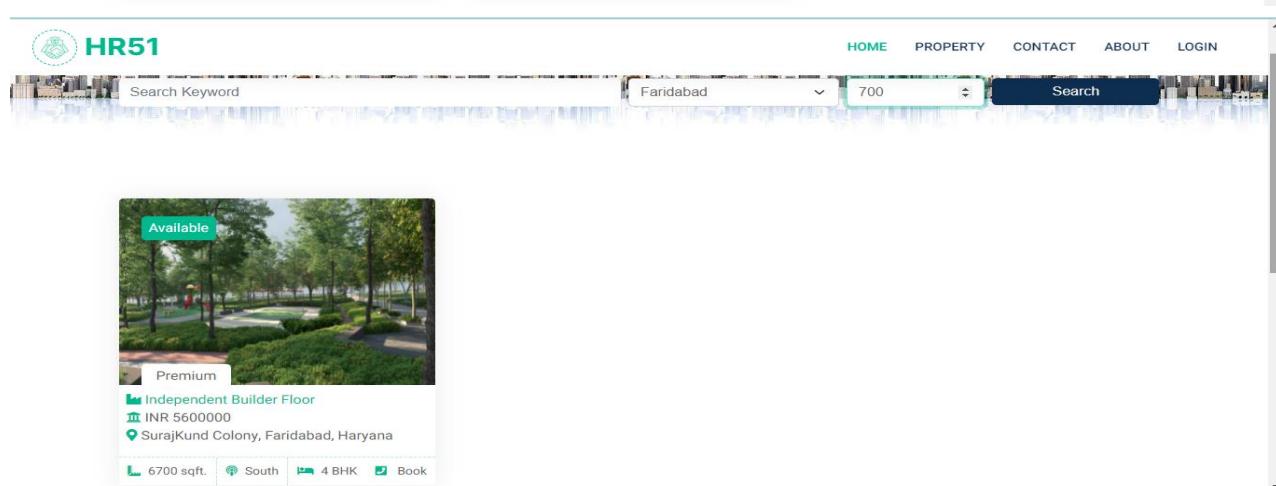
### Output:



**HR51 Properties**

Faridabad Old Faridabad

Category	Image	Description	Area (sqft)	Orientation	Beds (BHK)	Action
Basic		Available Independent Builder Floor INR 800000 Hno. 102, Green Field Colony	600 sqft.	South	3 BHK	<a href="#">Book</a>
Premium		Available Independent Builder Floor INR 5600000 SurajKund Colony, Faridabad, Haryana	6700 sqft.	South	4 BHK	<a href="#">Book</a>

Search Keyword: Faridabad 700

Search

Category	Image	Description	Area (sqft)	Orientation	Beds (BHK)	Action
Premium		Available Independent Builder Floor INR 5600000 SurajKund Colony, Faridabad, Haryana	6700 sqft.	South	4 BHK	<a href="#">Book</a>

### 3. LogIn/SignUp:-

- ‘Login’ is Common for both normal user and staff members. Staff members can enter their details a normal user but their credentials acts like a key to staff portal whereas a normal user can only be able to login into the site and can see the home page of the HR51 Property.
- ‘SignUp’ functionality is only available for customers but not for staff members because of safety issues. The Staff login credentials are only generated by Admin.

#### Output:

The image contains two screenshots of the HR51 website interface. Both screenshots feature a header with a logo, navigation links for HOME, PROPERTY, CONTACT, ABOUT, and LOGIN, and a search bar.

**Login Page (Top Screenshot):**

- The title bar includes "Login" and "Signup" buttons.
- Below the buttons, there's a "Sign in with:" section featuring social media icons for Facebook (f), Google (G), Twitter (t), and OpenID (o).
- A horizontal line with the word "Or" separates this from the manual login fields.
- The "Username:" field contains "hr51properties".
- The "Password:" field contains a series of dots (.....).
- A "Remember me" checkbox is present.
- A green "Login" button is at the bottom.

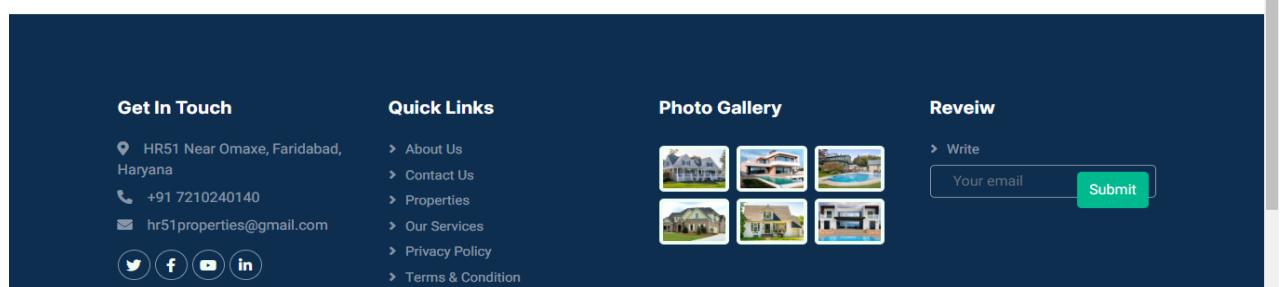
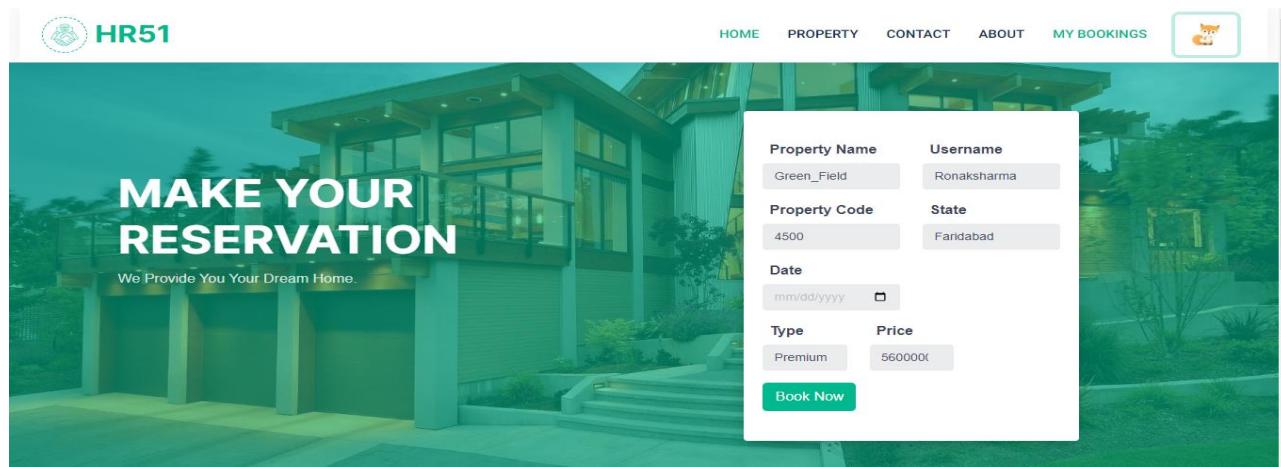
**SignUp Page (Bottom Screenshot):**

- The title bar includes a placeholder "Username:" field.
- The "Email:" field has "Enter email" placeholder text.
- The "Password:" field has "Enter password" placeholder text.
- The "Confirm Password:" field has "Confirm password" placeholder text.
- A green "Sign Up" button is at the bottom.

#### 4. My Bookings:-

- This Section shows the properties that a user has booked throughout the site. All the bookings are listed chronologically and a user can see any of that booking and its details.
- Some of the details will be mentioned here :-
  - Name
  - Property Code and Name
  - Location
  - Price
  - Property Agent
  - More Details Regarding the Property.

#### Output:



## 5. Property Details :-

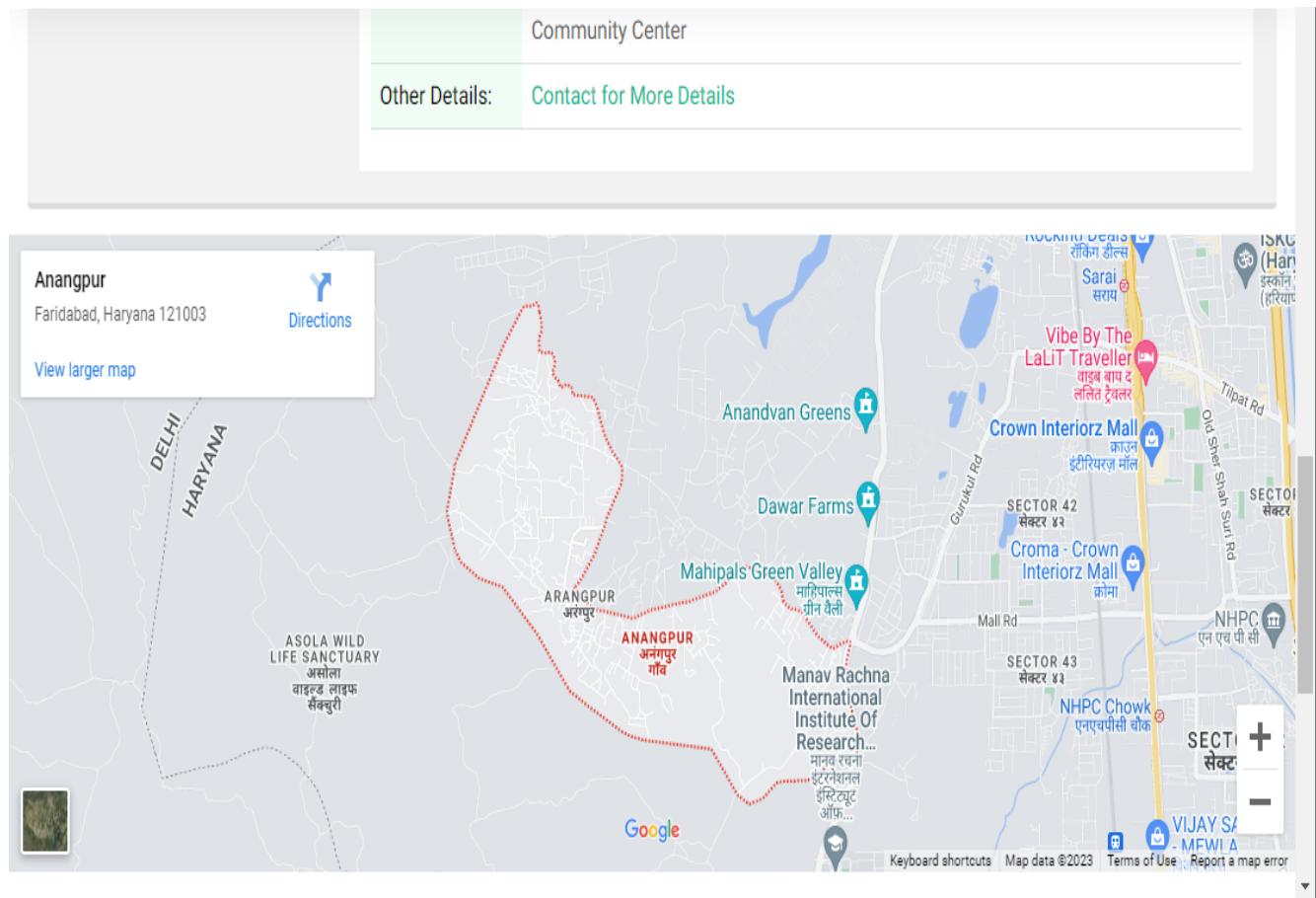
Property detail page provides comprehensive information about a specific property that is listed for sale or rent. The purpose of this page is to offer potential buyers or renters detailed insights into the property's features, specifications, and other relevant details. Here are some common elements found on a property detail page:

### Output:

This screenshot shows a property detail page. At the top, there is a navigation bar with links for HOME, PROPERTY, CONTACT, ABOUT, and MY BOOKINGS. A user icon and the text 'HR51' are also present. On the left, a sidebar displays a circular profile picture of a dog wearing a crown, the name 'Karan Bhadana', and the title 'RealEstate Agent'. Below this, it shows the address 'Faridabad, 987124\*\*\*\*' and two small edit icons. At the bottom of the sidebar is a 'Details' button with a camera icon. The main content area features a large image of a park with trees, a playground, and a basketball court. In the top right corner of this area, there are 'Details' and 'Revert' buttons.

This screenshot shows another property detail page. The layout is similar to the first one, with a navigation bar at the top. The sidebar on the left shows the same profile picture and information for 'Karan Bhadana'. The main content area features a large image of a modern building at night. Below the image, the text 'Eros Properties Available' is displayed, along with the date 'May 27, 2023, 7:30 a.m.'. A note below states: 'Artist's Impression. Not an actual site photograph.' To the right of the image, there is a table listing property specifications:

Property:	4 BHK Independent Builder Floor Available
Configuration:	4 Bedrooms , 3 Bathrooms, 3+ Balconies with Pooja Room,Store Room
Parking:	1 Covered, 1 Open
Flooring:	Vitrified
Type:	premium



## **12. Privacy & Policy:-**

A privacy policy is a legal document or statement that outlines how an organization or website collects, uses, shares, and protects the personal information of its users or visitors. It is an essential component of maintaining transparency and building trust with individuals whose data is collected.

## Output:



**HR51**

HOME PROPERTY CONTACT ABOUT LOGIN STAFF LOGIN

---

## Privacy Policy

---

This Privacy policy is subject to the terms of the Site Policy (User agreement) of HR51Properties. This policy is effective from the date and time a user registers with HR51Properties by filling up the Registration form and accepting the terms and conditions laid out in the Site Policy. In order to provide a personalised browsing experience, HR51Properties may collect personal information from you. Additionally some of our websites may require you to complete a registration form or seek some information from you. When you let us have your preferences, we will be able to deliver or allow you to access the most relevant information that meets your end. To extend this personalized experience HR51Properties may track the IP address of a user's computer and save certain information on your system in the form of cookies. A user has the option of accepting or declining the cookies of this website by changing the settings of your browser. The personal information provided by the users to HR51Properties will not be provided to third parties without previous consent of the user concerned. Information of a general nature may however be revealed to external parties. Every effort will be made to keep the information provided by users in a safe manner, the information will be displayed on the website will be done so only after obtaining consent from the users. Any user browsing the site generally is not required to disclose his identity or provide any information about him/her, it is only at the time of registration you will be required to furnish the details in the registration form. A full user always has the option of not providing the information which is not mandatory. You are solely responsible for maintaining confidentiality of the User password and user identification and all activities and transmission performed by the User through his user identification and shall be solely responsible for carrying out any online or off-line transaction involving credit cards / debit cards or such other forms of instruments or documents for making such transactions and IEL assumes no responsibility or liability for their improper use of information relating to such use of credit cards / debit cards used by the subscriber online / off-line. IEL provides you the ability to keep



# HR51

HOME PROPERTY CONTACT ABOUT LOGIN STAFF LOGIN

you expressly agree to receive this information. If you do not wish to receive these communications, we encourage you to opt out of the receipt of certain communications in your profile. You may make changes to your profile at any time, if you wish to delete your account on HR51Properties.com, you may do so by writing an email to feedback@HR51Properties.com or by using the settings available in your account. It is the belief of IEIL that privacy of a person can be best guaranteed by working in conjunction with the Law enforcement authorities. All IEIL websites including HR51Properties fully comply with all Indian Laws applicable. IEIL has always cooperated with all law enforcement inquiries. IEIL may disclose all or part of your personal details in response to a request from the law enforcement authorities or in a case of bonafide requirement to prevent an imminent breach of the law.

[Back](#)

## 13.Terms & Condition:-

Terms and conditions, also known as terms of service or terms of use, are a set of rules, guidelines, and contractual obligations that users must agree to when accessing or using a website, application, or service. These terms establish the legal relationship between the user and the provider of the service or platform.

### Output:

**Terms & Conditions**

**1. DEFINITIONS**

Unless otherwise specified, the capitalized terms shall have the meanings set out below: Account means and includes the account created on the Site, by the User, in accordance with the terms of the Agreement, registered with and approved by HR51Properties. Agreement means and includes the Terms and Conditions, Privacy Policy and any other such terms and conditions that may be mutually agreed upon between HR51Properties and the User in relation to the Services. Applicable Law means and includes any statute, law, regulation, sub-ordinate legislation, ordinance, rule, judgment, rule of law, order (interim or final), writ, decree, clearance, Authorizations, approval, directive, circular guideline, policy, requirement, code of practice or guidance note, or other governmental, regulatory, statutory, administrative restriction or any similar form of decision, or determination by, or any interpretation or administration of any of the foregoing by, any statutory or regulatory authority or government agency or any other authority, in each case having jurisdiction over the subject matter of this Agreement. Broker means and includes all brokers, channel partners, sales agencies and other third parties who/ which negotiate or act on behalf of one person in a transaction of transfer including sale, purchase, lease and license, lease or such other form of transfer in relation to a plot, apartment or building, as the case may be, including marketing and promotion of such plot, apartment or building, for remuneration or fees or any other charges for his services whether as commission or otherwise and includes a person who introduces, through any medium, prospective parties to each other for negotiations and includes property dealers, brokers, middlemen by whatever name called and real estate agent as defined under the Real Estate (Regulation and Development) Act, 2016. Computer Virus means and includes any computer instruction information, data or programme that destroys, damages, degrades or adversely affects the performance of a computer resource or attaches itself to another computer resource and operates when a programme, data or information is loaded into the computer system.

COMPANY AND WEBSITE SECURITY: We take security very seriously and endeavor to keep the Site secured against any possible bugs, viruses or other technical problems in compliance with the best practices of this industry. iii.HR51Properties shall not be held liable for any damage or injury caused due to performance, failure of performance, error, omission, interruption, deletion, defect, delay in operation or transmission, Computer Virus, link failure, site crash, malfunctioning or software/ hardware, unavailability of network, communications line failure, theft or destruction or unauthorized access to, alteration of, or use of information, whether resulting in whole or in part from negligence or otherwise.

[Back](#)

<b>Get In Touch</b> <ul style="list-style-type: none"> <li>📍 HR51 Near Ormaxe, Faridabad, Haryana</li> <li>📞 +91 7210240140</li> <li>✉ hr51properties@gmail.com</li> </ul> <div style="text-align: center;"> <a href="#"></a> <a href="#"></a> <a href="#"></a> <a href="#"></a> </div>	<b>Quick Links</b> <ul style="list-style-type: none"> <li>➤ About Us</li> <li>➤ Contact Us</li> <li>➤ Properties</li> <li>➤ Our Services</li> <li>➤ Privacy Policy</li> <li>➤ Terms &amp; Condition</li> </ul>	<b>Photo Gallery</b> <div style="display: flex; justify-content: space-around; gap: 10px;">       </div>	<b>Review</b> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <span>➤ Say..</span> <input style="width: 150px; margin-right: 10px;" type="text"/> <span>Submit</span> </div> <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> Your email </div>
---	--	--	---

## 14.Contact Us:-

The Contact Us page provides visitors with a means to get in touch with the website owner or customer support team. It typically includes information and various communication channels that allow users to reach out for inquiries, feedback, or assistance. The Contact Us page serves as a bridge between the website and its users, facilitating effective communication and engagement.

### Output:

HOME PROPERTY CONTACT ABOUT MY BOOKINGS

Your Name  
ronaksharma

Email Address  
ronaksharma@gmail.com

Contact Number

Message

**Submit**

### 15. Review Page:-

where we provide honest and insightful feedback on a wide range of products/services. Our team of experts meticulously evaluates each offering to help you make informed decisions. Discover unbiased reviews, ratings, and detailed analyses that highlight the pros and cons of various options.

#### Output:

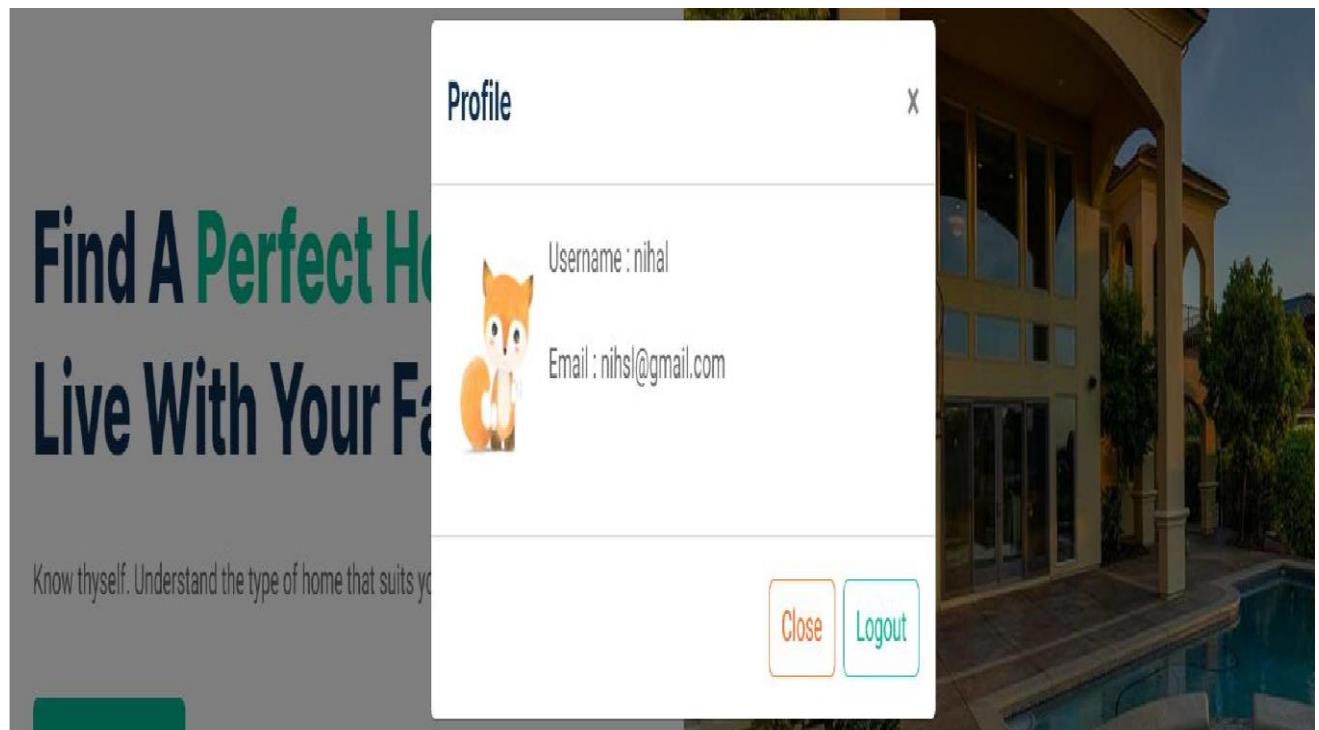
The screenshot shows a web page for 'HR51' featuring a navigation bar with links for HOME, PROPERTY, CONTACT, ABOUT, MY BOOKINGS, and a fox icon. The main content area has a background image of a modern house and a garden. A text overlay reads 'Share your review with us.' To the right is a form for leaving a review, consisting of input fields for 'Your Name' (containing 'ronaksharma') and 'Message', and a 'Submit' button. Below the form is a large, dark blue rectangular area.

## 16. User Profile:-

Email: The email address associated with a user's account. It is used for communication, account verification, and password recovery purposes. The email should be unique and private to the user.

Username: A username is a unique identifier chosen by a user to represent themselves on a particular platform or website. It is often displayed publicly and used for login purposes. Usernames can be chosen based on personal preference, and they may or may not reflect the user's real name. They are often used in social media, online forums, and other online communities.

### Output:



## 17. Staff User:-

Staff User assist in property management, client interaction, and day-to-day operations of the real estate business. Staff members can manage their assigned property listings. They can add new properties, edit property details, update availability status, and view inquiries related to their listings. Staff members can schedule and manage property viewings and appointments with clients. They can coordinate appointment timings. Keeps a record of past appointments, including details such as the property viewed, the user's name, date.

### Output:

The screenshot shows the HR51 Properties dashboard. On the left, there is a sidebar with navigation links for CORE (All Appointments, Dashboard), INTERFACE (Pages), and ADDONS (Add Property, Add Location). The main area has a title 'Dashboard' and a subtitle 'Dashboard'. It features four cards: 'Total Properties' (2), 'Available Properties' (2), 'Not Available' (0), and 'Total Bookings' (7). Below these cards is a section titled 'Property Details' with a table. The table has columns for Property Code, BHK, Properties, Location, Status, Price, Area, Edit, and View. One row is visible: Property Code 101, BHK 3BHK, Properties Green Field Properties, Location Hno. 102, Green Field Colony, Status Available, Price 8000000, Area 600 sq.ft, Edit, and View.

The screenshot shows the 'Add New Property' form. The sidebar on the left is identical to the dashboard. The main form has several sections with input fields: 'Property Type' (Premium), 'Area of Property' (Area of Property), 'Property Price' (Price), 'Property Size' (Size), 'Status' (Available), 'Location' (Faridabad), 'Property Type' (Independent Builder Floor), 'Title' (Sell/Rent), 'Property BHK' (1BHK), 'Ownership' (First Owner), 'Property Code' (Year Build), 'Address' (Address), 'Configuration' (Configuration), 'Content' (Flooring), 'Parking' (Parking), 'Water Source' (Water Source), 'Power Backup' (Consideration), 'Near By' (Near By), and 'Facing' (Facing).

Form fields include:

- Content, Flooring, Parking, Water Source
- Power Backup, Consideration, Near By, Facing
- Property Age, Furnished Details, Loan Available
- Photo1, Photo-2, Photo-3, Photo-4, Photo-5 (each with a "Choose File" button)
- Map, Url
- Add Room button

### Add New Location

Form fields:

- Realtor Name, City
- State, Country

Buttons:

- Add Property Location

Table:

**Property Details**

Property Code	BHK	Properties	Location	Status	Price	Area	Edit	View
101	3BHK	Green Field Properties	Hno. 102, Green Field Colony	Available	8000000	600 sq.ft	Edit	View

### All Bookings

Table:

**Property Details**

User	Booking Id	Property Code	Property Name	Location	Visit Date	Price
prakash	null	101	Green Field Properties	Faridabad	May 23, 2023	8000000
prakash	102	6700	Eros Properties	Faridabad	May 15, 2023	5600000
prakash	null	101	Green Field Properties	Faridabad	May 30, 2023	8000000
prakash	null	101	Green Field Properties	Faridabad	May 29, 2023	8000000
rahul	null	6700	Eros Properties	Faridabad	June 1, 2023	5600000
prakashrawat	null	6700	Eros Properties	Faridabad	June 3, 2023	5600000
ronaksharma	null	6700	Eros Properties	Faridabad	June 15, 2023	5600000

HR51 Properties

CORE

- All Appointments
- Dashboard

INTERFACE

- Pages >

View Property

Property Number	Property Type	Capacity	
101	Un Furnished	600	
Property Price	Property Area	Property Status	Location
800000	600	Available	Faridabad

**Save**

HR51 Properties

CORE

- All Bookings
- Dashboard

INTERFACE

- Pages >

View Property

Property Code	Property Area	Property Status	Property Location
101	600 sq.ft	Available	Faridabad, Haryana, India

**Bookings | 3**

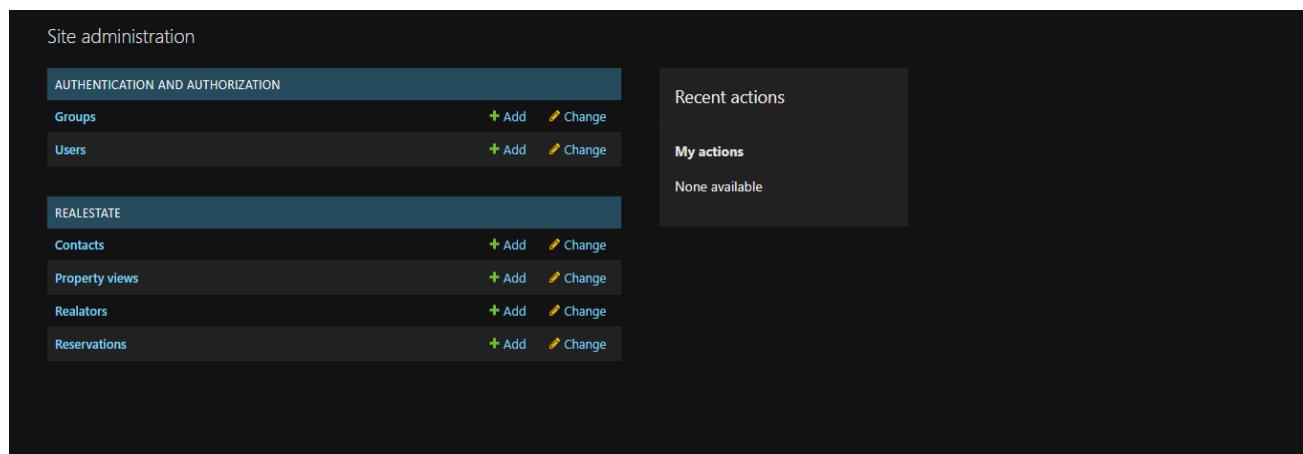
User	Property Code	BHK	Location	Location	Visit Date	Price
prakash	101	3BHK	Hno. 102, Green Field Colony	Faridabad	May 23, 2023	800000
prakash	101	3BHK	Hno. 102, Green Field Colony	Faridabad	May 30, 2023	800000
prakash	101	3BHK	Hno. 102, Green Field Colony	Faridabad	May 29, 2023	800000

Showing 1 to 3 of 3 entries

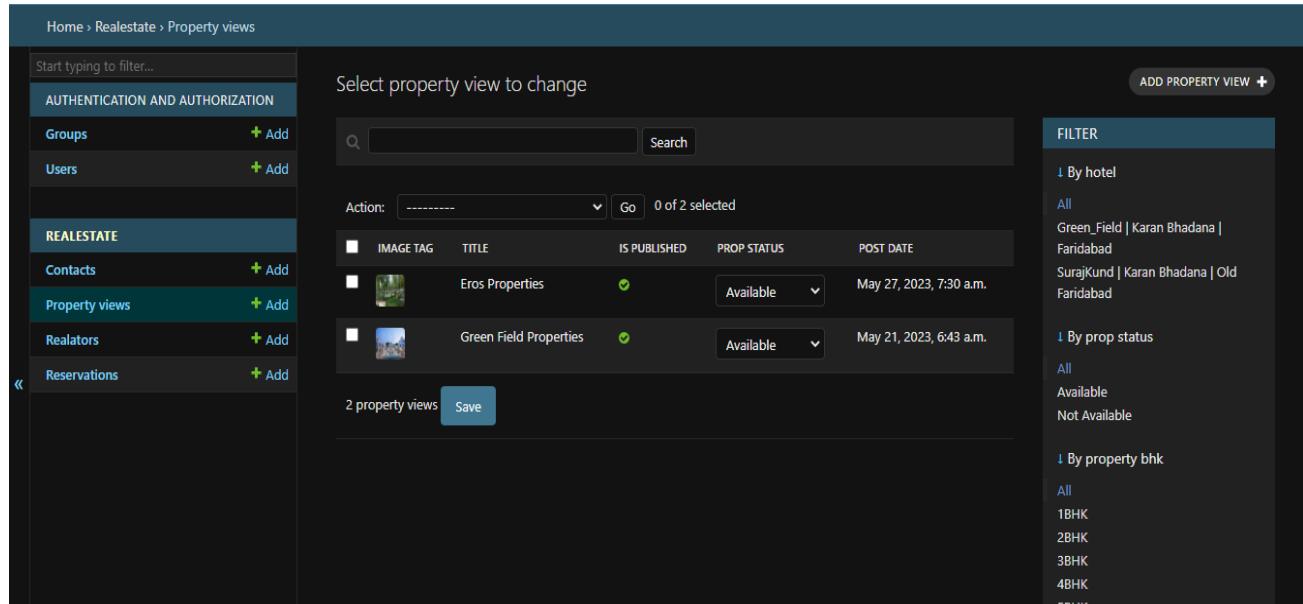
## 18.Administrative:-

The admin user has administrative privileges and controls the overall functioning of the application. The admin should have access to features such as user management, content management, and staff management. The admin user is responsible for managing user accounts, setting permissions and access levels, monitoring system etc.

### Output:



The screenshot shows the Site administration interface. On the left, there's a sidebar with 'REALESTATE' selected. Under 'REALESTATE', there are four items: 'Contacts', 'Property views', 'Realtors', and 'Reservations'. Each item has a '+ Add' and a 'Change' button. To the right, there's a 'Recent actions' panel which is currently empty, and a 'My actions' panel which also says 'None available'.

This screenshot shows the 'Property views' management screen. The left sidebar has 'Property views' selected under 'REALESTATE'. The main area displays a table with two rows of data. The columns are 'IMAGE TAG', 'TITLE', 'IS PUBLISHED', 'PROP STATUS', and 'POST DATE'. The first row is for 'Eros Properties' and the second for 'Green Field Properties', both marked as 'Available'. A 'Save' button is at the bottom. On the right, there's a 'FILTER' sidebar with sections for 'By hotel', 'By prop status', and 'By property bhk', each with dropdown menus for 'All', 'Available', 'Not Available', '1BHK', '2BHK', '3BHK', '4BHK', and '5BHK'.

Home > Realestate > Contacts

Start typing to filter...

**AUTHENTICATION AND AUTHORIZATION**

- Groups [+ Add](#)
- Users [+ Add](#)

**REALESTATE**

- Contacts [+ Add](#)
- Property views [+ Add](#)
- Realators [+ Add](#)
- Reservations [+ Add](#)

«

Select contact to change

Search

0 contacts

**FILTER**

- ↓ By timeStamp
- Any date
- Today
- Past 7 days
- This month
- This year

**ADD CONTACT** +

Home > Realestate > Realators

Start typing to filter...

**AUTHENTICATION AND AUTHORIZATION**

- Groups [+ Add](#)
- Users [+ Add](#)

**REALESTATE**

- Contacts [+ Add](#)
- Property views [+ Add](#)
- Realators [+ Add](#)
- Reservations [+ Add](#)

«

Select realator to change

Search

Action: ----- Go 0 of 2 selected

IMAGE TAG	OWNER	NAME	ADD DATE
	Karan Bhadana	SurajKund	May 23, 2023, 2:27 a.m.
	Karan Bhadana	Green_Field	May 21, 2023, 6:40 a.m.

2 realators

**FILTER**

- ↓ By owner
- All
- Karan Bhadana
- ↓ By name
- All
- Green\_Field
- SurajKund

**ADD REALATOR** +

Home > Authentication and Authorization > Users

Start typing to filter...

**AUTHENTICATION AND AUTHORIZATION**

- Groups [+ Add](#)
- Users [+ Add](#)

**REALESTATE**

- Contacts [+ Add](#)
- Property views [+ Add](#)
- Realators [+ Add](#)
- Reservations [+ Add](#)

«

Select user to change

Search

Action: ----- Go 0 of 13 selected

USERNAME	EMAIL ADDRESS	FIRST NAME	LAST NAME	STAFF STATUS
1234				✓
gauravsharma	gauravsharma@gmail.com	Gaurav	Sharma	✓
karan				✓
karan@12345				✓
prakash	prakash@gmail.com			✓
prakashrawat	prakashrawat8055@gmail.com			✗
rahul	rahul123@gmail.com			✓
rawat	rawat100@gmail.com			✓
ronak	ronak@gmail.com			✓
ronaksharma	ronaksharma@gmail.com			✗
sonu	sonu@gmail.com			✗

**FILTER**

- ↓ By staff status
- All
- Yes
- No
- ↓ By superuser status
- All
- Yes
- No
- ↓ By active
- All
- Yes
- No

**ADD USER** +

Home > Realestate > Property views > Green\_FieldEros Properties

Start typing to filter...

**AUTHENTICATION AND AUTHORIZATION**

- Groups [+ Add](#)
- Users [+ Add](#)

**REALESTATE**

- Contacts [+ Add](#)
- Property views [+ Add](#)
- Realtors [+ Add](#)
- Reservations [+ Add](#)

«

Change property view

**Green\_FieldEros Properties**

**HISTORY**

Title:	Eros Properties
Room type:	premium
Prop status:	Available
Prop sell:	For Sell
Prop type:	Independent Builder Floor
Property bhk:	4BHK
Capacity:	4500
Property code:	191
Price:	5600000
Size:	6700

Home > Realestate > Realtors > SurajKund | Karan Bhadana | Old Faridabad

Start typing to filter...

**AUTHENTICATION AND AUTHORIZATION**

- Groups [+ Add](#)
- Users [+ Add](#)

**REALESTATE**

- Contacts [+ Add](#)
- Property views [+ Add](#)
- Realtors [+ Add](#)
- Reservations [+ Add](#)

«

Change realtor

**SurajKund | Karan Bhadana | Old Faridabad**

**HISTORY**

Name:	SurajKund
Owner:	Karan Bhadana
Location:	Old Faridabad
State:	Haryana
Country:	India
Contact:	987124****
Intro:	RealEstate Agent
Url:	nom

Owner image: Currently: user/image2.png

Change  No file chosen

## 19.Database:-

- Django is a Python web framework that comes with built-in support for SQLite, a lightweight and serverless relational database engine. SQLite is a self-contained, file-based database that doesn't require a separate server process to operate, making it easy to use and suitable for small to medium-sized projects or development and testing environments.
- When using Django with SQLite, here are some key points to consider:  
The `NAME` parameter specifies the path to the SQLite database file. By default, Django creates a file named `db.sqlite3` in the project's root directory.
- Database Creation:**  
To create the SQLite database file, run the following command: `python manage.py migrate`. This command will create the necessary tables and schema in the SQLite database file based on your Django models.

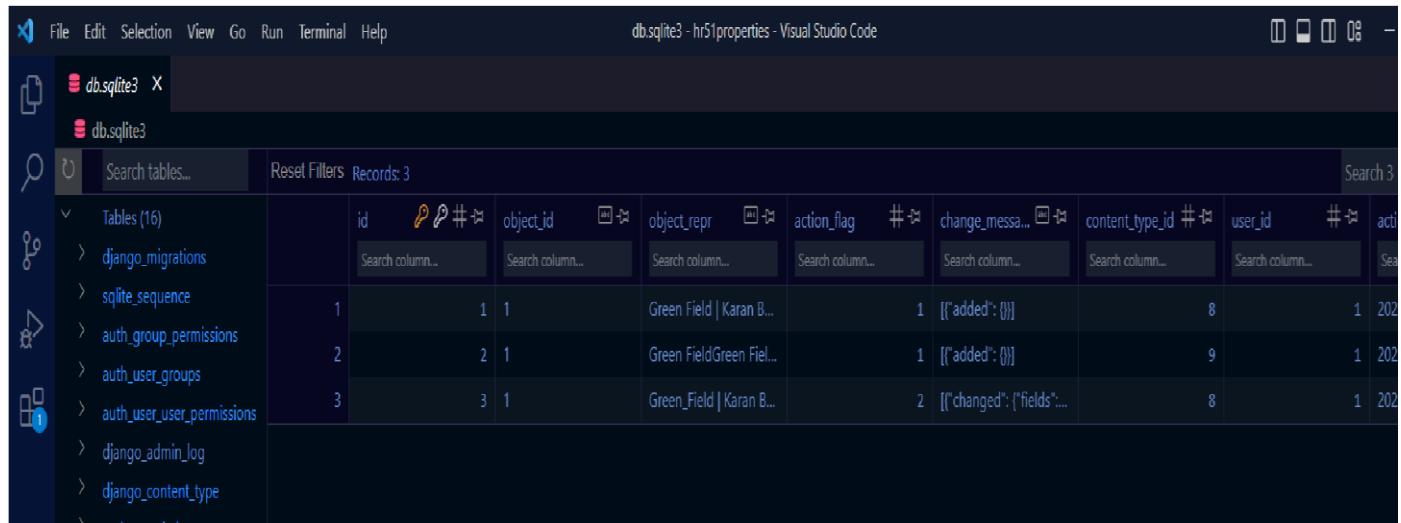
The screenshot shows the Visual Studio Code interface with the SQLite database 'db.sqlite3' open in the Explorer panel. The 'Tables (16)' section is expanded, showing the 'django\_migrations' table. The table has 42 rows, each representing a database migration. The columns are: id, app, name, applied, and created. The data is as follows:

id	app	name	applied
1	contenttypes	0001_initial	2023-05-21 06:34:54...
2	auth	0001_initial	2023-05-21 06:34:54...
3	admin	0001_initial	2023-05-21 06:34:54...
4	admin	0002_logentry_remove...	2023-05-21 06:34:54...
5	admin	0003_logentry_add_a...	2023-05-21 06:34:54...
6	contenttypes	0002_remove_content...	2023-05-21 06:34:55...
7	auth	0002_alter_permission...	2023-05-21 06:34:55...
8	auth	0003_alter_user_email...	2023-05-21 06:34:55...
9	auth	0004_alter_user_user...	2023-05-21 06:34:55...
10	auth	0005_alter_user_last...	2023-05-21 06:34:55...
11	auth	0006_require_content...	2023-05-21 06:34:55...
12	auth	0007_alter_validators...	2023-05-21 06:34:55...
13	auth	0008_alter_user_user...	2023-05-21 06:34:55...
14	auth	0009_alter_user_last...	2023-05-21 06:34:55...
15	auth	0010_alter_group_na...	2023-05-21 06:34:56...
16	auth	0011_update_proxy...	2023-05-21 06:34:56...
17	auth	0012_alter_user_first...	2023-05-21 06:34:56...
18	realestate	0001_initial	2023-05-21 06:34:57...
19	realestate	0002_remove_post_p...	2023-05-21 06:34:57...

### Admin Log:

- Start the development server:
  - Run the command `python manage.py runserver` to start the Django development server.
- Access the admin site:

- Open a web browser and go to `http://localhost:8000/admin` (replace `localhost:8000` with the appropriate address if you're running the server on a different host/port).
  - You should see the Django admin login page.
- Admin site dashboard:
- After successful login, you will be redirected to the Django admin site's main dashboard.
- From here, you can manage various aspects of your Django project, including database models, users, groups, permissions, and more.



The screenshot shows the Visual Studio Code interface with the SQLite3 database 'db.sqlite3' open. The left sidebar displays the database schema with tables like django\_migrations, sqlite\_sequence, auth\_group\_permissions, auth\_user\_groups, auth\_user\_user\_permissions, django\_admin\_log, and django\_content\_type. The main area shows the data for the django\_migrations and auth\_user\_permissions tables.

	id	object_id	object_repr	action_flag	change_message	content_type_id	user_id	...
1	1	1	Green Field   Karan B...	1	[{"added": {}}]	8	1	202
2	2	1	Green Field   Green Fiel...	1	[{"added": {}}]	9	1	202
3	3	1	Green Field   Karan B...	2	[{"changed": {"fields": ...}}]	8	1	202

- Auth Permission:-  
In Django, permissions are a built-in feature of the authentication and authorization system. Permissions determine what actions or operations a user can perform on specific resources within a Django project. The `Permission` model and the `User` model are closely related.
- Here's an overview of how permissions work in Django:
- Permissions in Django:  
Permissions are defined and managed through the `Permission` model, which is included in the `django.contrib.auth` module.  
Each permission is represented by an instance of the `Permission` model, which has fields such as `name`, `content\_type`, and `codename`.
- Built-in Permissions:  
Django provides three default permission types: `add`, `change`, and `delete`. These permissions correspond to the ability to create, update, and delete objects of a specific model respectively.

- Defining Custom Permissions:

You can define custom permissions for your models by creating instances of the `Permission` model and associating them with specific models.

Custom permissions can represent additional actions or operations beyond the default ones provided by Django.

- Assigning Permissions:

Permissions are assigned to users through user groups or directly to individual users.

User groups can be created using the `Group` model provided by Django, and each group can be assigned one or more permissions.

- Checking Permissions:

To check if a user has a specific permission, you can use the `has\_perm()` method provided by the `User` model.

- Authorization and Views:

Django provides various ways to handle authorization and permissions in views.

You can use decorators like `@login\_required` to restrict access to certain views only to authenticated users.

Additionally, you can use the `@permission\_required` decorator to further restrict access to views based on specific permissions.

		id	password	last_login	is_superuser	username	last_name	email	is_s
		Search column...	Search column...	Search column...	Search column...	Search column...	Search column...	Search column...	Se
		1	pbkdf2_sha256\$6000...	2023-05-21 06:39:30....	1	prakash		prakash@gmail.com	1
		2	pbkdf2_sha256\$6000...	2023-05-21 06:36:31....	0	karan			1

Enrollment No.:03450402020

## **CHAPTER 5**

## **TESTING & TEST RESULTS**

## Chapter 5- TESTING & TEST RESULTS

### a. Testing Phase

#### i. Unit Testing:

- Unit testing should be done on the individual units of the system providing accuracy from the lowest level of the system.
- It tests the features including the following:
  - ii. Testing all the login and registration forms for all the cases like invalid id, password, approved, rejected, etc.
  - iii. Data from the database is fetched correctly and is displayed accordingly.
  - iv. Testing all the forms and other features.

#### ii. Integration Testing:

Integration testing must be done on the parts of the system providing which comprises the individual units together.

- Prepare Test Data: Prepare test data that represents various scenarios relevant to the real estate module. This data should cover different property types, user profiles, property listings, and any other data required for the integration testing.
- Execute Test Cases: Execute the defined test scenarios to verify the integration of the real estate module with other components. This includes performing actions such as creating property listings, retrieving property details, updating property information, and validating the expected outcomes.

### **iii. User Acceptance Testing:**

- User acceptance testing should be performed by the actual end users with the assistance of the test manager and development team leader. Prior to final completion of acceptance testing all open critical and major defects must be corrected and verified by the Customer test representative. A limited number of distributors will participate in the initial acceptance test process. This is done for the following purposes:
  - i. Business Functionality
  - ii. Integrity
  - iii. Reporting

## **TESTING ACTIVITIES**

- **Project Initiation:** Testing Targets are set during this phase. This phase can last anywhere from several hours to several weeks depending on the nature of the project and the culture of the organization. From the point of view of testing the main tasks are to organize the approach towards testing and start setting up your testing environment if it doesn't already exist. Initial requirements envisioning is done based on which test cases are generated. As the result one gets better understanding of the scope, all of this is important information which should help to decide how much testing we will need to do.
- **Development Team Testing:** Whole team strategy is followed where people with testing skills are effectively embedded into the development team and the team is responsible for the majority of the testing. This strategy works well for most situations.

**b. INTEGRATION TESTING**

For use, integration tests are basically the same as the unit tests just without using the stubs and drivers. Integration testing is performed on functional units which are integrated at same level or at different Levels. It basically checks the coupling within the unity Functionalities

**c. SYSTEM TESTING**

Under this the whole system is tested under the development team. Each of the functionalities as per requirements is tested here.

**d. ACCEPTANCE TESTING**

User acceptance testing should be performed by the actual end users with the assistance of the test manager and development team leader. Prior to final completion of acceptance testing all open critical and major defects must be corrected and verified by the Customer test representative. A limited number of distributors will participate in the initial acceptance test process.

This is done for the following purposes:

- Business Functionality
- Integrity

**e. UNIT TESTING**

Developers write individual module's test cases to test various functionalities of a module.

**Testing:** Various tests were conducted for the validations/functionalities of different modules and the result of those test cases along with details is given below:

- Testing the Customer Registration form

### VALIDATIONS FOR CUSTOMER REGISTRATION FORM

CASE:	Verifies the form for all the validations mentioned below: -	POSITIVE
1	User can sign up with all the information.	
2	All the fields are required fields.	
3	Phone number should be equal to 10 digits.	
4	Email Id should be valid with all essential parts.	
5	Name should not be greater than 25 characters.	
6	Password should not be less than 6 characters.	
7	Name should not be less than 2 characters.	
8	On entering proper data, clicking the submit button will submit the form and redirected to login form.	
9	Form will not get submitted and shows error if any data is invalid.	

Username:  
nihalrai

Email:  
nihalraigmail.com

! Please include an '@' in the email address. 'nihalraigmail.com' is missing an '@'.

Confirm Password:  
.....

Sign Up

Testing the registration module for the user's registrations by entering incomplete information. It is showing a pop up while entering the wrong details or incomplete information.

- Testing the Login form (Customer)

<b>VALIDATIONS FOR LOGIN FORM (CUSTOMER)</b>		
<b>CASE:</b>	<b>Verifies the form for all the validations mentioned below: -</b>	<b>POSITIVE</b>
1	User can login with registered email and correct password.	
2	User cannot login with unregistered email or incorrect password.	
3	Email Id should be valid with all essential parts.	
4	All the fields are required fields.	
5	On entering proper data and getting approved by the admin, only then they may be able to login and redirected to main home page of the website.	
6	Form will not get submitted and shows error if any data is invalid.	
7	If customer's status is rejected, it will lead to login page again.	
8	If customer's status is approved, it will lead to website home page.	



A screenshot of a login form. At the top, there are two buttons: "Login" and "Signup". Below them is a section titled "Sign in with:" featuring icons for Facebook (f), Google (G), Twitter (Twitter bird), and OpenID (O). Below this is a horizontal line with the word "Or" in the center. Underneath, there are fields for "Username:" and "Password:", each with a placeholder text "Enter email" and "Enter password" respectively. There is also a checkbox labeled "Remember me" and a green "Login" button at the bottom.

Testing the user's login module by entering the correct information and it's redirecting to the home screen without any error.

- Testing the Login form (Staff)

<b>VALIDATIONS FOR LOGIN FORM (STAFF)</b>		
<b>CASE:</b>	<b>Verifies the form for all the validations mentioned below: -</b>	<b>POSITIVE</b>
1	User can login with registered email and correct password.	
2	User cannot login with unregistered email or incorrect password.	
3	Email Id should be valid with all essential parts.	
4	All the fields are required fields.	
5	On entering proper data and getting approved by the admin, only then they may be able to login and redirected to the staff panel.	
6	Form will not get submitted and shows error if any data is invalid.	
7	If Staff member's status is rejected, it will lead to login page again.	
8	If Staff member's status is approved, it will lead to staff's panel.	

Staff login form

username:  
karan

Password:  
.....

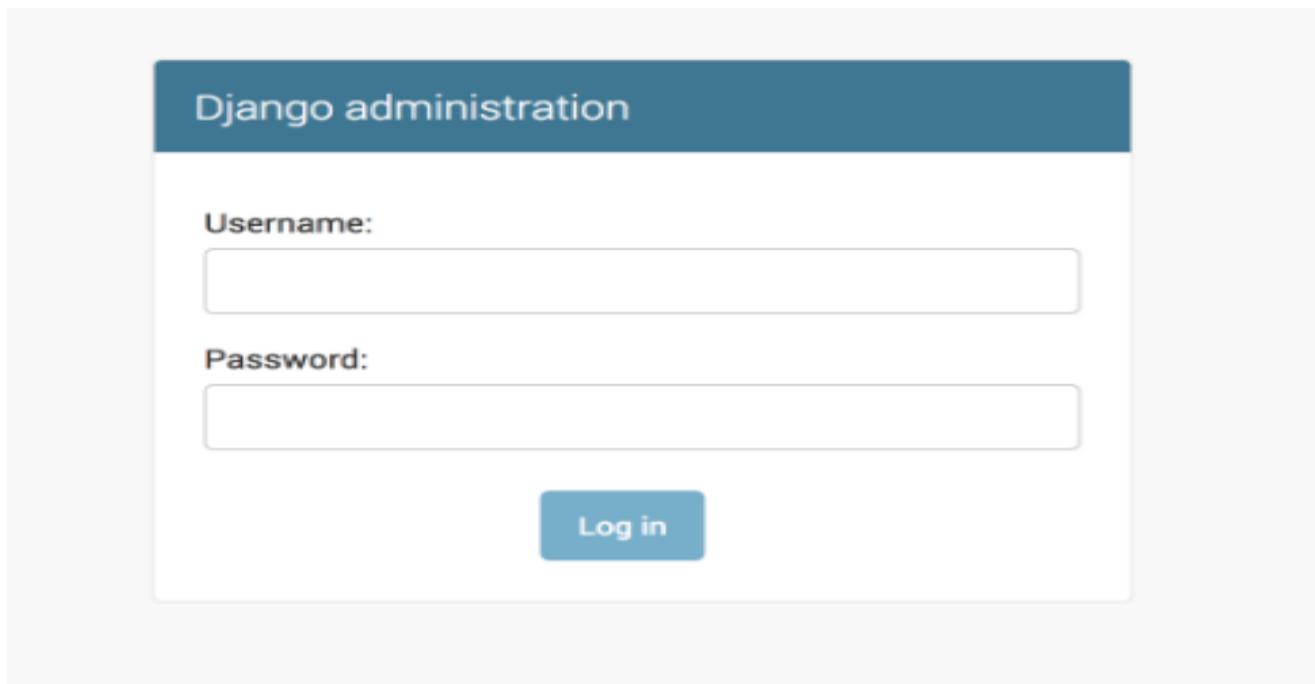
Remember me

**Login**

Testing the login module with the staff user's details and it's working correctly. Taken Karan as the username that has already been registered into the database.

- Testing the Admin Login

<b>VALIDATIONS FOR ADMIN LOGIN</b>		
<b>CASE:</b>	<b>Verifies the form for all the validations mentioned below: -</b>	<b>POSITIVE</b>
1	User can login to the Admin panel with registered email and correct password.	
2	User cannot login to the Admin panel with unregistered email or incorrect password.	
3	Email Id should be valid with all essential parts.	
4	All the fields are required fields.	
5	Form will not get submitted and shows error if any data is invalid.	
6	On entering proper data, clicking the submit button will submit form and redirected to admin panel.	



Testing admin login whether it's working or not correctly with the admin details that has already been entered into the database.

- Testing the Contact us form

<b>VALIDATIONS FOR CONTACT US FORM</b>		
<b>CASE:</b>	<b>Verifies the form for all the validations mentioned below: -</b>	<b>POSITIVE</b>
1.	All the fields are mandatory.	
2.	Subject of the Query should be greater than 2 characters.	
3.	Phone number should be equal to 10 digits	
4.	Email Id should be valid with all essential parts.	
5.	Name should not be greater than 25 characters	
6.	On entering proper data, clicking the submit button will submit form.	
7.	Form will not get submitted and shows error if any data is invalid.	

Please Enter Correct Details ×

Your Name  
karan

Email Address

Contact Number

Message

Submit

Testing the contact us page by entering the details and testing it's functionality.

- Testing the Landing Page

#Step	Step Details	Expected Results	Actual Results	Pass/Fail
1	Click My profile button	Profile should open	As Expected	Pass
2	Click settings button	Settings should open	As Expected	Pass
3	Click Terms and conditions button	Terms and conditions should open	As Expected	Pass
4	Click privacy policy button	Privacy policy should open	As Expected	Pass
5	Click about us button	About us page should open	As Expected	Pass
6	Click logout button	User should logout and return to login screen	As Expected	Pass
7	Go on Residents list	Screen with Residents' list should appear	As Expected	Pass
8	Go on Guests List	Screen with two buttons , one for guests In and one for guests OUT should appear with list of guests	As Expected	Pass

 **HR51**

[HOME](#)
[PROPERTY](#)
[CONTACT](#)
[ABOUT](#)
[LOGIN](#)

# Find A Perfect Home To Live With Your Family

Know thyself. Understand the type of home that suits your personality

[Explore](#)



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>

Testing the home page whether all the modules are working or not.

## **CHAPTER 6**

## **RESULTS & CONCLUSION**

## **Chapter 6- RESULTS & CONCLUSION**

The system offers a comprehensive end-to-end solution, encompassing various functionalities. It efficiently manages the entry and exit of visitors, streamlines the pre-approval process for guests, and ensures seamless visitor notifications. The application's capabilities meet the requirements for smooth visitor management and enhance the overall visitor experience.

The technical advantages of the application are:

1. Streamlined Property Management: The real estate application provides a centralized platform for managing properties efficiently. It allows users to easily add, update, and track property listings, including details such as location, specifications, pricing, and availability. This streamlines the property management process and ensures accurate and up-to-date information.
2. Enhanced Search and Filtering: The application offers advanced search and filtering capabilities, allowing users to quickly find properties that meet their specific criteria. Users can search by location, property type, price range, amenities, and more, enabling them to narrow down their options and find relevant properties with ease.
3. User-Friendly Interface: The real estate application is designed with a user-friendly interface, making it intuitive and easy to navigate for both administrators and users. The interface is visually appealing, with clear menus, intuitive forms, and interactive features that enhance the overall user experience.
4. Property Listing Management: The application provides a comprehensive backend system for property listing management. Real estate agents or staff members can easily add, edit, and update property listings, including property details, images, descriptions, and other relevant information.
5. Responsive Design: The application is built with a responsive design, ensuring that it adapts seamlessly to different devices and screen sizes. Whether users access the application from a desktop computer, tablet, or mobile device, they can enjoy a consistent and optimized experience.

## 6.1 FUTURE SCOPE

Creating a positive first impression is crucial in both human relationships and human-computer interaction. Understanding the significance of time and the emerging trends of task automation in the IT industry, our project aims to develop a cutting-edge application that enables societies to effortlessly and efficiently carry out their tasks. While we have developed the "HR51-Properties" application with great care, we recognize that there is always room for improvement.

With that in mind, we envision expanding the application in the future to offer additional services and features that will further enhance its usefulness and convenience for users. Some of the potential features we may include are:

1. Advanced Property Search: Enhancing the search functionality to provide users with more refined and personalized property search options, such as advanced filters, saved searches, and property comparison tools.
2. Interactive Property Listings: Enriching property listings with interactive elements, such as 360-degree virtual tours, high-resolution images, and detailed floor plans, to provide a more immersive and informative browsing experience for users.
3. Online Property Transactions: Facilitating secure online transactions, including property reservations, booking appointments, and online document signing, to streamline the buying, selling, and renting processes for users.
4. Neighborhood Information: Incorporating comprehensive neighborhood information, such as nearby amenities, schools, transportation options, and crime rates, to help users evaluate the suitability of a property based on their specific preferences and needs.
5. Property Management Tools: Introducing property management features for property owners and landlords, including rent collection, tenant communication, maintenance tracking, and financial reporting, to simplify the management of their properties.

## **6.2 REFERENCES/BIBLIOGRAPHY**

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