

CHAPTER 1: INTRODUCTION

In today's real estate landscape, effective property booking management is essential. A Real Estate Booking Management System optimizes this process, offering secure, streamlined property listing, reservation, and transaction management.

The system benefits property owners, agencies, and managers by simplifying bookings, reducing administrative tasks, and providing valuable insights for data-driven decisions. Its success relies on a blend of technology, user design, and industry knowledge, enhancing operational efficiency in real estate.

The real estate industry includes various property types and stakeholders, necessitating a robust and user-friendly system. Key features encompass:

Property Listing: Detailed property database with descriptions and pricing.

User Registration: Account creation, preferences storage, and updates.

Booking Management: Intuitive tools for reservation administration.

Payment Processing: Secure gateways for transactions.

Communication: Integrated messaging for user-agent interactions.

User Reviews: Platform for transparency and trust.

1.1 BACKGROUND

A Real Estate Booking Management System is a software application designed to streamline and automate various aspects of the real estate booking process. It is a critical tool for real estate agents, property managers, and property owners to efficiently manage property bookings, reservations, and appointments. Here's some background information on this type of system:

- **Real Estate Industry:**
 - The real estate industry involves the buying, selling, renting, and managing of properties such as houses, apartments, commercial buildings, and land.
 - Real estate agents, property managers, and property owners often handle inquiries from potential buyers or renters who want to schedule property viewings, inspections, or meetings.
- **Booking Management:**
 - Booking management systems have become increasingly important in the real estate sector to organize appointments, viewings, and other property-related activities.
 - These systems help in optimizing time and resources by ensuring that property visits and meetings are scheduled efficiently.
- **Key Functions of a Real Estate Booking Management System:**
 - **Appointment Scheduling:** Users can book appointments online or through an agent, specifying their preferred date and time.
 - **Property Availability:** The system provides real-time information on property availability, preventing double bookings.
 - **Confirmation and Reminders:** Automated email or SMS reminders are sent to clients and agents to confirm and remind them of appointments.
 - **Property Details:** Users can access property information, including images, descriptions, and location details.
 - **Calendar Integration:** Integration with calendars (e.g., Google Calendar) for agents and clients to track appointments easily.

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- **Reporting and Analytics:** Generate reports on booking statistics, agent performance, and other relevant data.
- **User Management:** Different user roles (agents, clients, administrators) with varying permissions.
- **Payment Integration:** Optional integration for booking fees or deposits.
- **Feedback and Reviews:** Collect feedback and reviews from clients about their experience.
- **Benefits:**
 - **Efficiency:** Streamlines the booking process, reducing administrative tasks and potential scheduling conflicts.
 - **Enhanced Customer Experience:** Offers clients a convenient way to book appointments and access property information.
 - **Improved Communication:** Automated reminders and notifications keep all parties informed.
 - **Data Insights:** Provides valuable insights into property performance, agent effectiveness, and customer preferences.
- **Technology Stack:**
 - Real Estate Booking Management Systems typically use a combination of web technologies, databases, and sometimes mobile apps.
 - Common technologies include PHP, Python, Ruby on Rails, JavaScript, databases like MySQL or PostgreSQL, and frameworks like React or Angular for the frontend.
- **Trends in Real Estate Technology:**
 - Real estate technology is evolving rapidly, with the integration of AI and machine learning for predictive analytics, Chatbot's for customer support, and virtual reality (VR) for virtual property tours.
 - Mobile apps and responsive web design are becoming increasingly important to cater to the on-the-go nature of the real estate industry.

1.2 OBJECTIVES

In developing a Real Estate Booking Management System, clear objectives are vital to guide the project. Here are the key objectives:

- Efficient Booking: Simplify Estate / property booking for owners and clients.
- User-Friendly Interface: Create an easy-to-use platform.
- Comprehensive Listings: Detailed Estate /property database.
- Secure Payments: Reliable transaction processing.
- Real-Time Availability: Instant property availability.
- Effective Communication: User-agent interaction.
- User Accounts: Profile management and history.
- Reviews and Ratings: Foster trust among users.
- Admin Control:Estate Property Management dashboard.
- Reporting and Analytics: Insightful data.
- Data Security: Protect user information.
- Compliance: Adhere to regulations.
- Customer Support: Responsive assistance.
- Scalability: Prepare for growth.
- Estate/Property Visibility: Attract abroad audience
- Marketing Integration: Promote estate properties effectively..

These objectives guide the project, ensuring it meets stakeholders' needs, enhances efficiency, and excels in the competitive real estate industry

1.3 PURPOSE AND SCOPE

- Streamline Booking: Simplify property booking, reducing admin work.
- Improve Transparency: Foster transparent communication among stakeholders.
- Boost Visibility: Enhance property visibility for a broader audience.
- Enable Data-Driven Decisions: Provide analytics for informed choices.
- Ensure Security and Compliance: Protect user data and adhere to regulations.

1.3.1 PURPOSE

- The purpose of a Real Estate Booking Management System is to facilitate and optimize the management of property bookings, appointments, and reservations within the real estate industry. This purpose can be broken down into several key objectives and benefits:
- **Efficiency:** Streamline the process of scheduling property viewings, appointments, and meetings, reducing administrative overhead and minimizing scheduling conflicts. This efficiency can lead to time and cost savings.
- **Enhanced Customer Experience:** Improve the experience for potential buyers or renters by offering them a user-friendly platform to book property viewings at their convenience. This can lead to increased customer satisfaction and loyalty.
- **Improved Organization:** Maintain an organized and up-to-date calendar of property availability, preventing double bookings and ensuring that agents are well-prepared for appointments.
- **Communication:** Facilitate communication between real estate agents, property owners, and clients by sending automated reminders and notifications about upcoming appointments. This helps keep all parties informed and engaged.
- **Access to Property Information:** Provide clients with easy access to property details, including descriptions, images, floor plans, and location information. This transparency can help clients make more informed decisions.
- **Reporting and Analytics:** Generate reports and gather data on booking statistics, agent performance, and customer preferences. This data can be valuable for making informed business decisions and improving operations.
- **User Management:** Offer different user roles and permissions for agents, clients, and administrators, ensuring that the system is secure and tailored to the needs of various stakeholders.
- **Payment Integration:** Optionally integrate payment processing for booking fees, deposits, or other financial transactions related to property bookings.

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- **Feedback and Reviews:** Collect feedback and reviews from clients to gauge their satisfaction and make improvements as needed. Positive reviews can also enhance the reputation of real estate professionals.
- **Scalability:** Allow for the system to grow and adapt to the changing needs of the real estate business, accommodating a larger number of properties, agents, and clients as the business expands.
- **Competitive Advantage:** Stay competitive in the real estate market by offering a modern and efficient booking management system that sets your agency apart from competitors who may rely on manual processes.
- **Integration with Other Systems:** Integrate with other real estate management tools, such as property databases, CRM systems, or marketing platforms, to create a cohesive and comprehensive real estate ecosystem.
- In essence, the purpose of a Real Estate Booking Management System is to simplify and enhance the booking and appointment management process, ultimately leading to improved customer satisfaction, more efficient operations, and better decision-making within the real estate industry.

1.3.2 SCOPE

- The scope of the Real Estate Booking Management System encompasses the following areas:
- Estate/Property Listings: The system includes an extensive database of property listings, with detailed information on properties, high-quality images, and pricing details.
- Booking and Reservation Management: It covers the entire booking lifecycle, from property search and selection to payment processing, confirmation, and communication.
- User Management: The system allows users to create and manage accounts, save preferences, and access their booking history.
- Communication: It offers a platform for users to interact with property owners, agents, or managers for inquiries, negotiations, and support.
- Reporting and Analytics: The system provides tools for generating reports on property performance, booking trends, and revenue generation.
- Security and Compliance: Ensuring data security, privacy, and compliance with legal and regulatory requirements is an integral part of the system's scope.

CHAPTER 2: SURVEY OF TECHNOLOGIES

The technologies used in building a Real Estate Booking Management System. The system leverages both front-end and back-end technologies to provide a seamless and efficient experience for users. The primary front-end technologies include HTML, CSS, and JavaScript (Frontend JS), while the back-end utilizes SQL for database management and PHP for server-side scripting.

2.1 Front-End Technologies

2.1.1 HTML (Hypertext Mark-up Language)

HTML is the foundation of web development. It provides the structural framework for web pages. In the Real Estate Booking Management System, HTML is used to create the layout and structure of the user interface, including forms for user registration, property listings, and booking details.

2.1.2 CSS (Cascading Style Sheets)

CSS is responsible for the visual presentation of web pages. It controls the layout, design, and styling of elements on the frontend. In our system, CSS ensures that the interface is user-friendly, responsive, and visually appealing. It is used to define colours, fonts, spacing, and responsive design for various devices.

2.1.3 JS (JavaScript)

JavaScript is a versatile scripting language that enhances interactivity and functionality on web pages. In the Real Estate Booking Management System, JavaScript is used for:

- **Form Validation:** Ensuring that user inputs are correct and complete.
- **Dynamic Content:** Loading property listings dynamically without full page reloads.
- **User Interface Enhancements:** Implementing features like date pickers, interactive maps, and real-time messaging.
- **Client-Side Data Manipulation:** Sorting and filtering property listings without additional server requests.

2.2 Back-End Technologies

2.2.1 SQL (Structured Query Language)

SQL is the standard language for managing and querying relational databases. In the system's backend, SQL is used to:

- **Database Creation:** Define the database schema, tables, and relationships.
- **Data Storage:** Store information about properties, users, bookings, and reviews.
- **Data Retrieval:** Retrieve property details, booking information, and user profiles.
- **Data Manipulation:** Update, insert, or delete records as needed.
- **Data Security:** Implement access controls and ensure data integrity.

2.2.2 PHP (Hypertext Preprocessor)

PHP is a server-side scripting language commonly used for web development. In our Real Estate Booking Management System, PHP is responsible for:

- **Request Handling:** Processing user requests and generating dynamic web pages.
- **Database Interaction:** Connecting to the SQL database to retrieve or update data.
- **Session Management:** Managing user sessions and authentication.
- **Email Notifications:** Sending email notifications for booking confirmations, updates, and reminders.
- **Integration:** Connecting with payment gateways for secure transactions.
- **Business Logic:** Implementing the core business logic of the system, including booking validation and property management.

Server Infrastructure

2.2.3 Apache Server

- Apache is a widely used open-source web server software.
- Responsible for serving web pages and handling client requests.
- In our Real Estate Booking Management System, Apache ensures reliable web hosting and performance optimization.

2.3.4 Database Schema:

The database schema defines the structure of the database, including tables, columns, relationships, and constraints. In our system, the schema includes tables for:

- **Estate:** Storing estate details such as ID, type, location, price, and availability.
- **Users / member:** Managing user information, including login credentials and contact details.
- **Bookings:** Recording booking details, including estate ID, user ID, dates, and payment status.
- **Admins:** Managing administrative users with specific privileges.

CHAPTER 3: REQUIREMENT AND ANALYSIS

3.1 PROBLEM DEFINITION:

- Customer walks into the developers office asks developer for required estate/property.
 - Developer searches for named estate/properties/location/flats among cluster/group of books.
 - After finding out it serves to the customer.
 - If customer is interested in buying that flats, Developer sales the estate/property/flat by completing all formalities, and makes entry into the Customer Details Register manually.
 - All the permanent data of the order such as the name of the estate/property/flat.
 - Estate id as well as name of buyer/customer, member-id and so on are maintained in a master file for future reference.
 - The customer has the option of paying by cash or check or credit card at the time customer pays the price he is issued a receipt acknowledging the Same
- An Online Real Estate Website is nothing but a Website that is supported by a (relational or non-relational) database It consists of data-entry of forms, in which the customers can fill-up the data .After validation, the data can be added to the database he Owner/Admin can search, view, and records

3.1.1 EXISTING SYSTEM

All the above-mentioned tasks are taken care off-manually.

- The details of all the Properties, customers, stocks and feedbacks are maintained in separate registers.

Limitations of the Existing System

- Maintaining details of the customers in registers is a time-consuming process and error-prone.

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- If a particular record is to be searched then one has to search through a lot of physical records.
- No Security has been provided to the data.
- As the work is manual it consumes lot of time and energy.
- There is no facility provided for online booking of property

Drawbacks of the Existing system To the Admin

- At present everything is taken care-off manually. The admin does not have access to the information that is generated by the Developer.
- And because the work is done manually there is area possibility of the information being error prone.
- Thus the admin is not in a position to make quick decisions.

3.2 REQUIREMENT SPECIFICATION

FUNCTIONAL

1. User Registration and Authentication:

- Users can create accounts.
- Secure login and password reset.

2. Estate/Property Listing Management:

- Property owners can create, edit, and delete listings.
- Listings include property details.

3. Estate/Property Search and Filtering:

- Users can search properties by criteria.
- Advanced search options available.

4. Availability Calendar:

- Property owners manage property availability.
- Users view real-time property availability.

5. Booking Process:

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- Renters request bookings.
- Owners approve or reject requests.
- Users receive booking confirmations.

6. Payment Processing:

- Secure handling of booking payments.
- Multiple payment methods supported.

7. User Profiles:

- Users create and manage profiles.
- Property owners access performance metrics.
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8. Notifications and Alerts:

- Users receive notifications for bookings and updates.

9. Reviews and Ratings:

- Renters leave property reviews.
- Reviews displayed on listings.

10. Reporting and Analytics:

- Property performance reports.

11. Admin Features:

- Administrators manage accounts and listings.

NON-FUNCTIONAL

1. Performance:

- a. Rapid response times (within 2 seconds).
- b. Scalability to handle growth in users and properties.

2. Security:

- a. Data encryption in transit and at rest.
- b. Strong authentication and authorization.
- c. Compliance with data protection laws.
- d. Secure payment processing.

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3. Usability and Accessibility:

- a. User-friendly interface.
- b. Compliance with accessibility standards.

4. Reliability and Availability:

- a. High uptime (99.9% or higher).
- b. Regular data backups and disaster recovery plan.

5. Data Storage and Management:

- a. Data retention and archiving policies.

6. Technology Stack:

- a. Use of modern and secure technologies.

7. Compatibility:

- a. Compatibility with major web browsers and mobile platforms.

8. Load Handling:

- a. Ability to handle peak loads.

9. Error Handling:

- a. Clear and user-friendly error messages.

10. Documentation:

- a. Comprehensive user, admin, and developer documentation.

11. Third-Party Integrations:

- a. Reliable third-party integrations with SLA compliance.

12. Maintenance and Support:

- a. Regular updates, bug fixes, and technical support.

13. Compliance:

- a. Adherence to relevant industry standards and regulations.

3.3 PLANNING AND SCHEDULING

Gantt Chart: Create a timeline with task durations and milestones.

GANTT CHART

What is a Gantt chart?

A Gantt chart, commonly used in project management, is one of the most popular and useful ways of showing activities (tasks or events) displayed against time. On the left of the chart is a list of the activities and along the top is a suitable time scale. Each activity is represented by a bar; the position and length of the bar reflects the start date, duration and end date of the activity. This allows you to see at a glance:

- What the various activities are
- When each activity begins and ends
- How long each activity is scheduled to last
- Where activities overlap with other activities, and by how much

The start and end date of the whole project

	July		Aug		Sep	October			Jan		Feb	march
Requirement Gathering												
Analysis												
Design												
Coding												

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Testing												
Implementation												
	W1	W2	W3	W4	W1	W2	W3	W4	W1	W2	W3	W4

3.4 SOFTWARE AND HARDWARE REQUIREMENTS

HARDWARE SPECIFICATIONS:

Processor: Intel(R) Core(TM) i5-3450 CPU @ 3.10GHz

Ram: 1GB || above.

Hard Disk Capacity: 10 GB || Higher.

System Type: 64-bit operating system, x64-based processor.

Connectivity: Stable Internet Connection.

SOFTWARE SPECIFICATIONS:

Operating System: WINDOW 8 OR ABOVE

Front End Technology: JS (JavaScript)

HTML (Hypertext Mark-up Language)

CSS (Cascading Style Sheets)

Back End Technology: PHP (Hypertext Preprocessor)

Database: MySQL

Web Server: Apache

3.5 CONCEPTUAL MODELS

ENTITY RELATIONSHIP (ER) DIAGRAM

What are Entity Relationship Diagrams?

Entity Relationship Diagrams (ERDs) illustrate the logical structure of databases.

Entity Relationship Diagram Notations

Entity:

An entity is an object or concept about which you want to store information.

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Entity

Weak Entity

A weak entity is an entity that must be defined by a foreign key relationship with another entity as it cannot be uniquely identified by its own attributes alone.



Entity

Key attribute

A key attribute is the unique, distinguishing characteristic of the entity. For example, an employee's social security number might be the employee's key attribute.



Attribute

Derived attribute

A derived attribute is based on another attribute. For example, an employee's monthly salary is based on the employee's annual salary.



Attribute

Relationships

Relationships illustrate how two entities share information in the database structure.



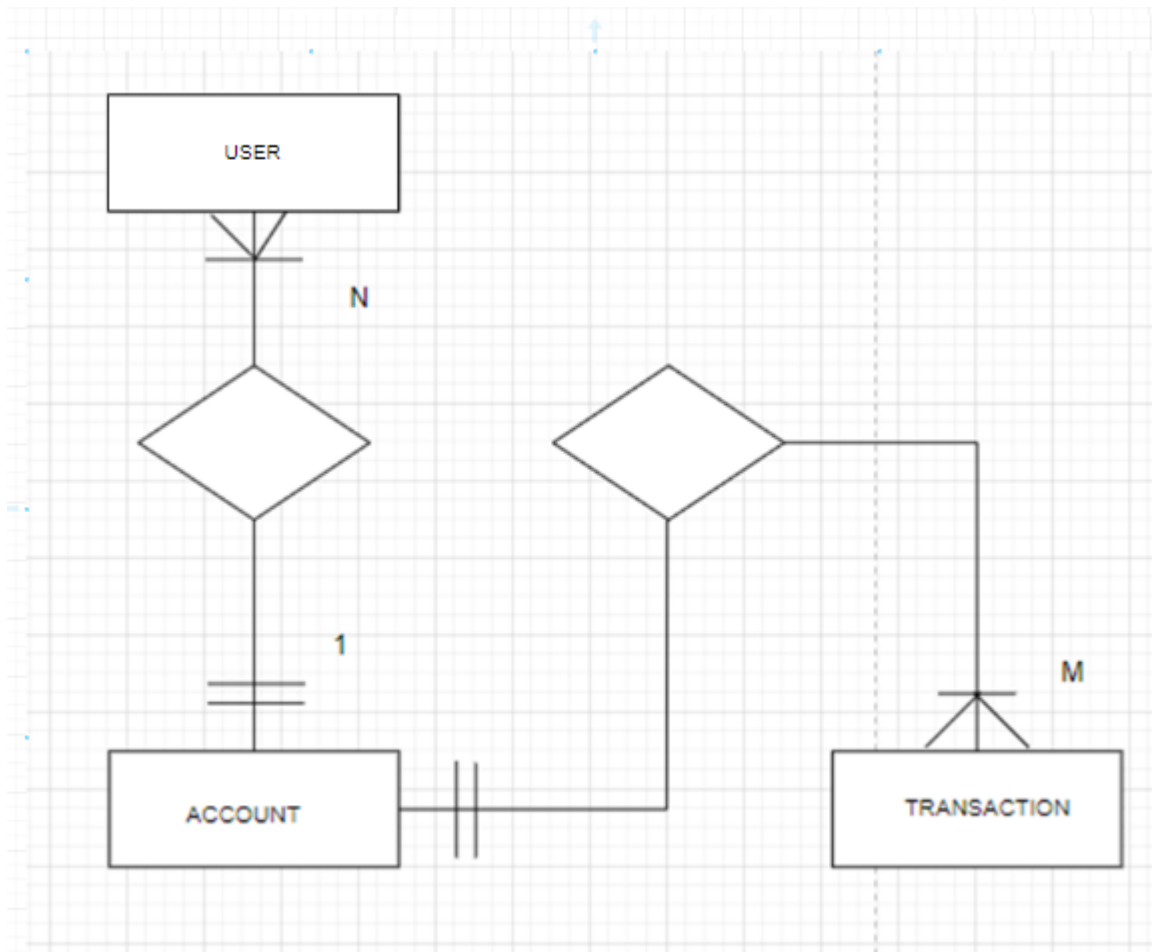
Relationship

Cardinality

Cardinality specifies how many instances of an entity relate to one instance of another entity. Cordiality is also closely linked to cardinality. While cardinality specifies the occurrences of a relationship, cordiality describes the relationship as either mandatory or optional. In other words, cardinality specifies the maximum number of relationships and cordiality specifies

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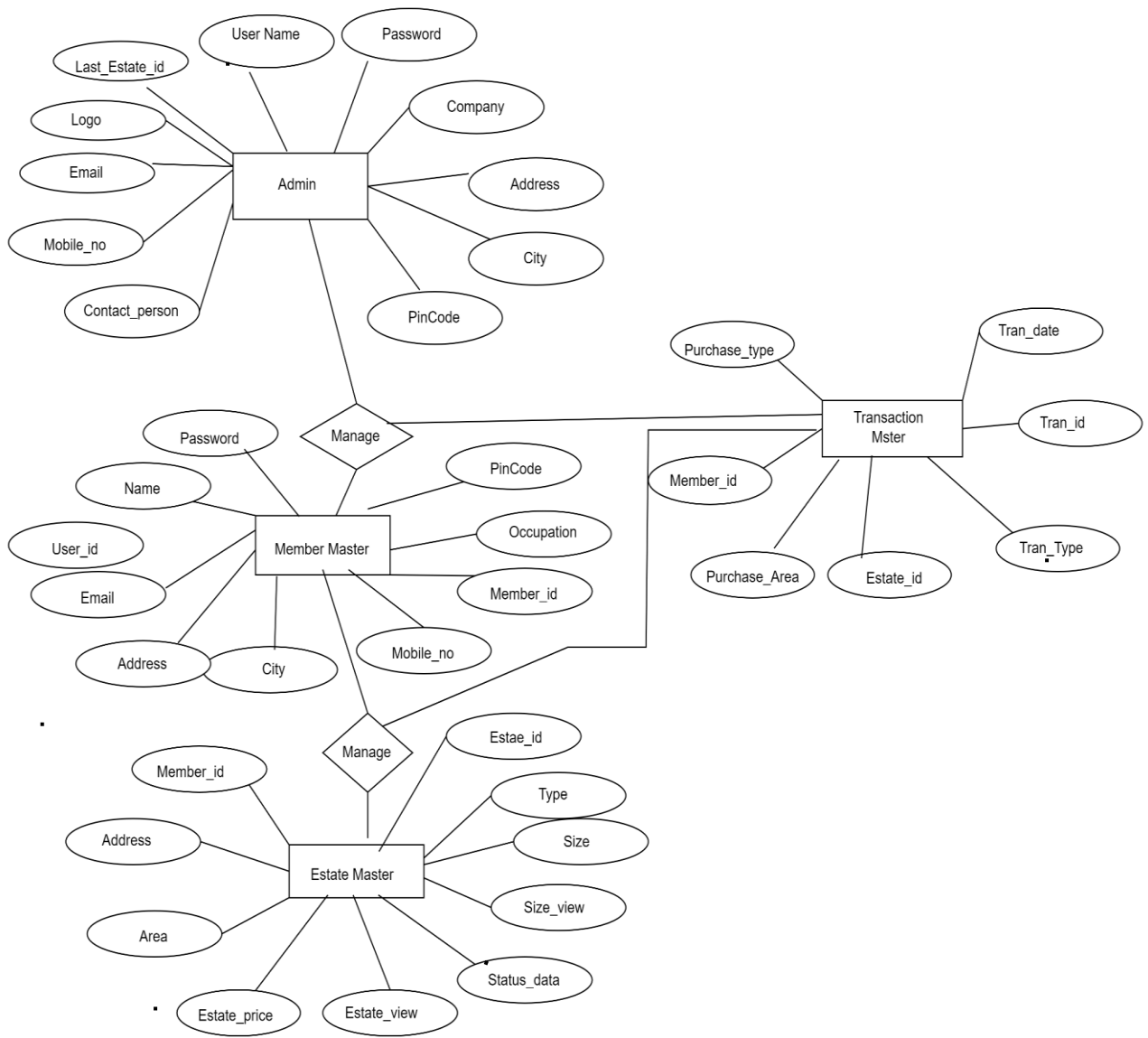
absolute minimum number of relationships.



Recursive relationship

In some cases, entities can be self-linked. For example, employees can supervise other employees.

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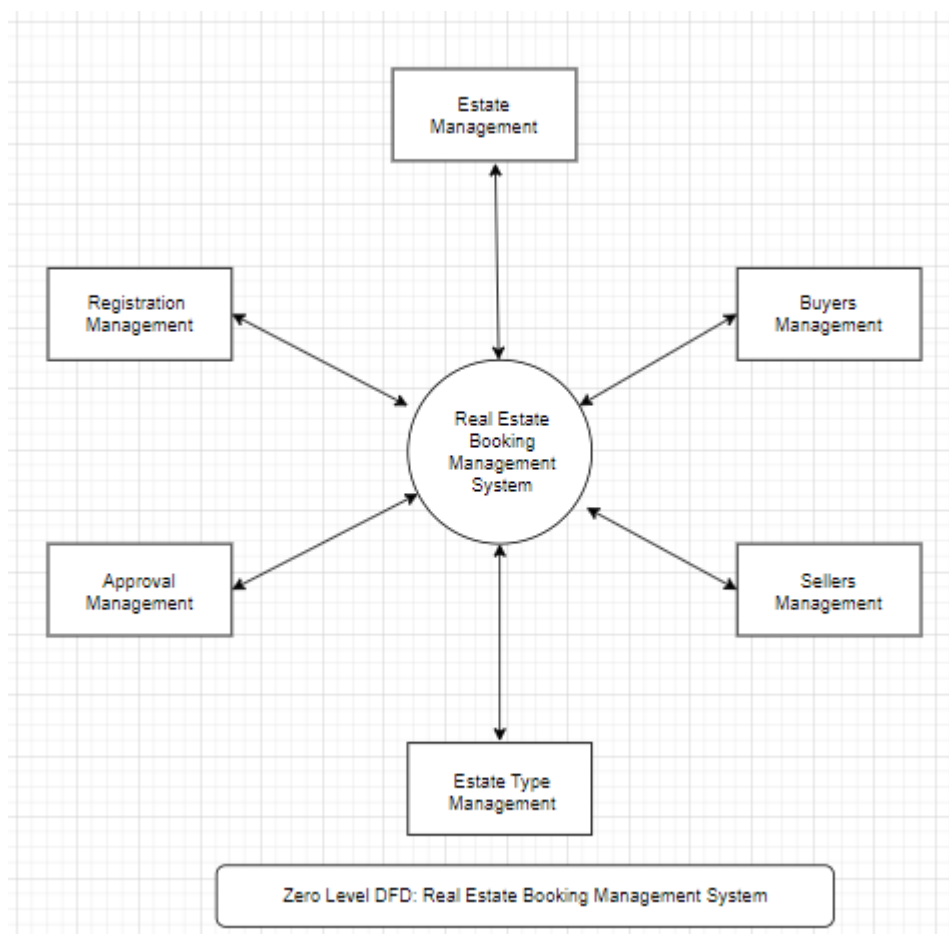
ER_DIAGRAM

DATA FLOW DIAGRAM

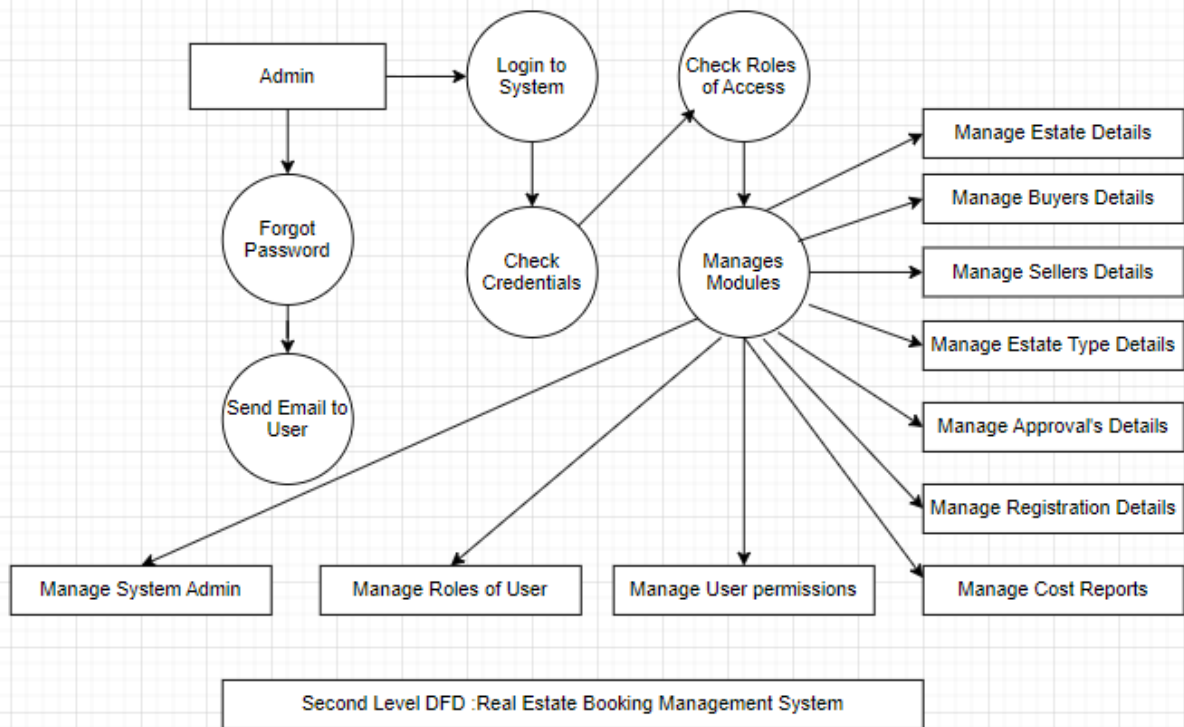
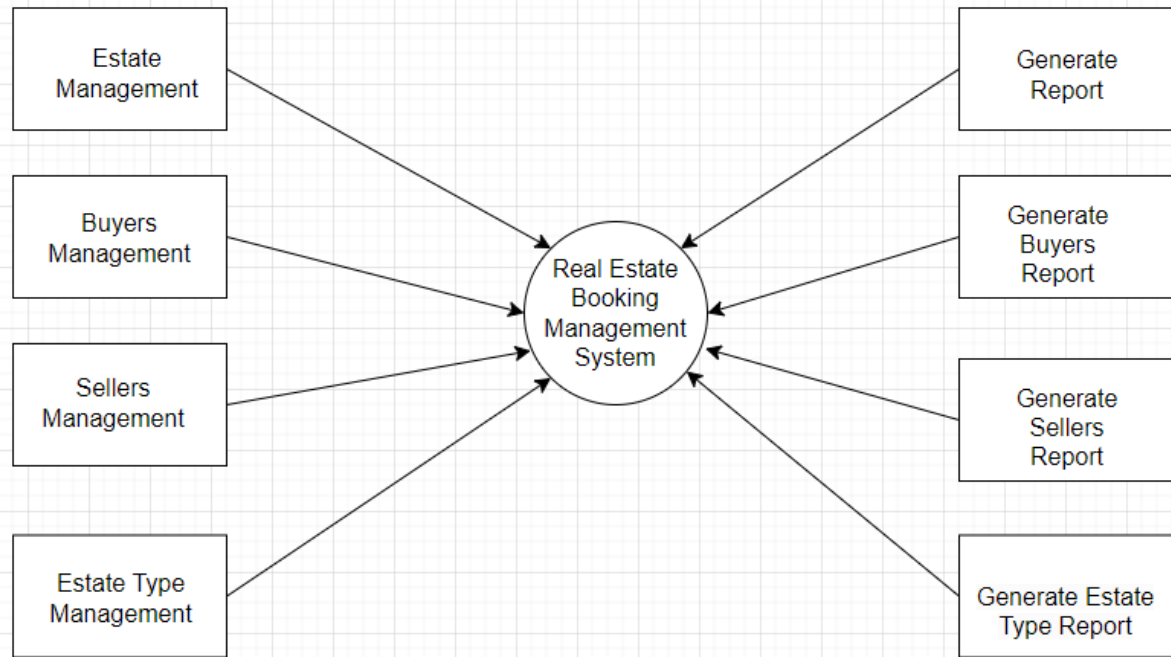
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It can be manual, automated, or a combination of both.

It shows how data enters and leaves the system, what changes the information, and where data is stored.

The objective of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communication tool between a system analyst and any person who plays a part in the order that acts as a starting point for redesigning a system. The DFD is also called as a data flow graph or bubble chart.



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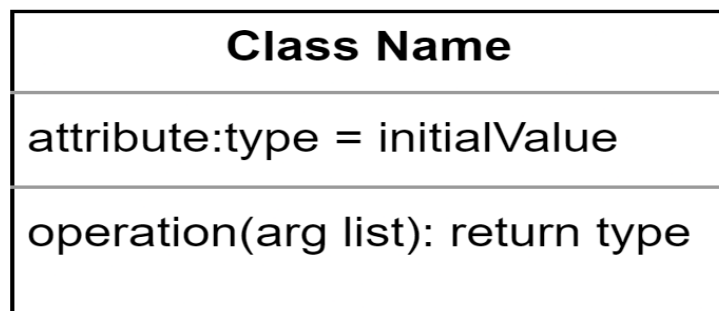


Class Diagram

What is a Class Diagram?

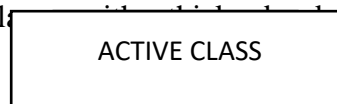
Class diagrams are the backbone of almost every object-oriented method including UML. They describe the static structure of a system.

Basic Class Diagram Symbols and Notations: Classes represent an abstraction of entities with common characteristics. Associations represent the relationships between classes. Illustrate classes with rectangles divided into compartments. Place the name of the class in the first partition (centred, bolded, and capitalized), list the attributes in the second partition, and write operations into the third.



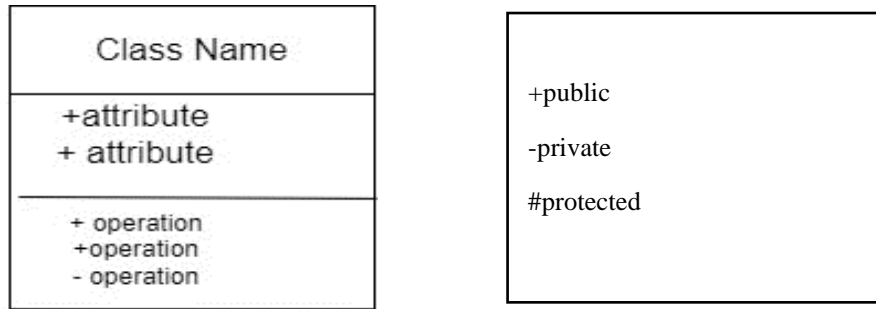
Active Class

Active classes initiate and control the flow of activity, while passive classes store data and serve other classes. Illustrate active class



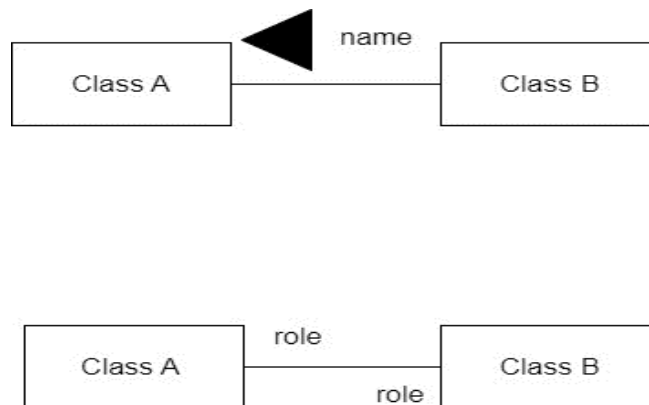
Visibility: Use visibility markers to signify who can access the information contained within a class. Private visibility hides information from anything outside the class partition. Public visibility allows all other classes to view the marked information. Protected visibility allows child classes to access information they inherited from a parent class

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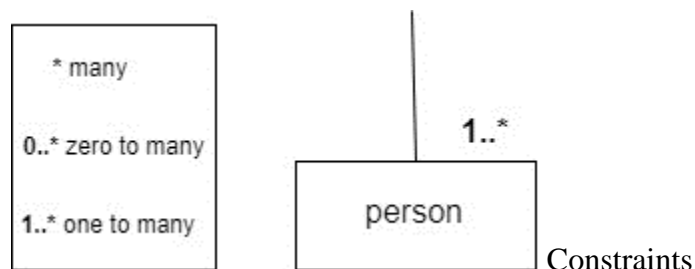
Associations

Associations represent static relationships between classes. Place association names above, on, or below the association line. Use a filled arrow to indicate the direction of the relationship. Place roles near the end of an association. Roles represent the way the two classes see each other.



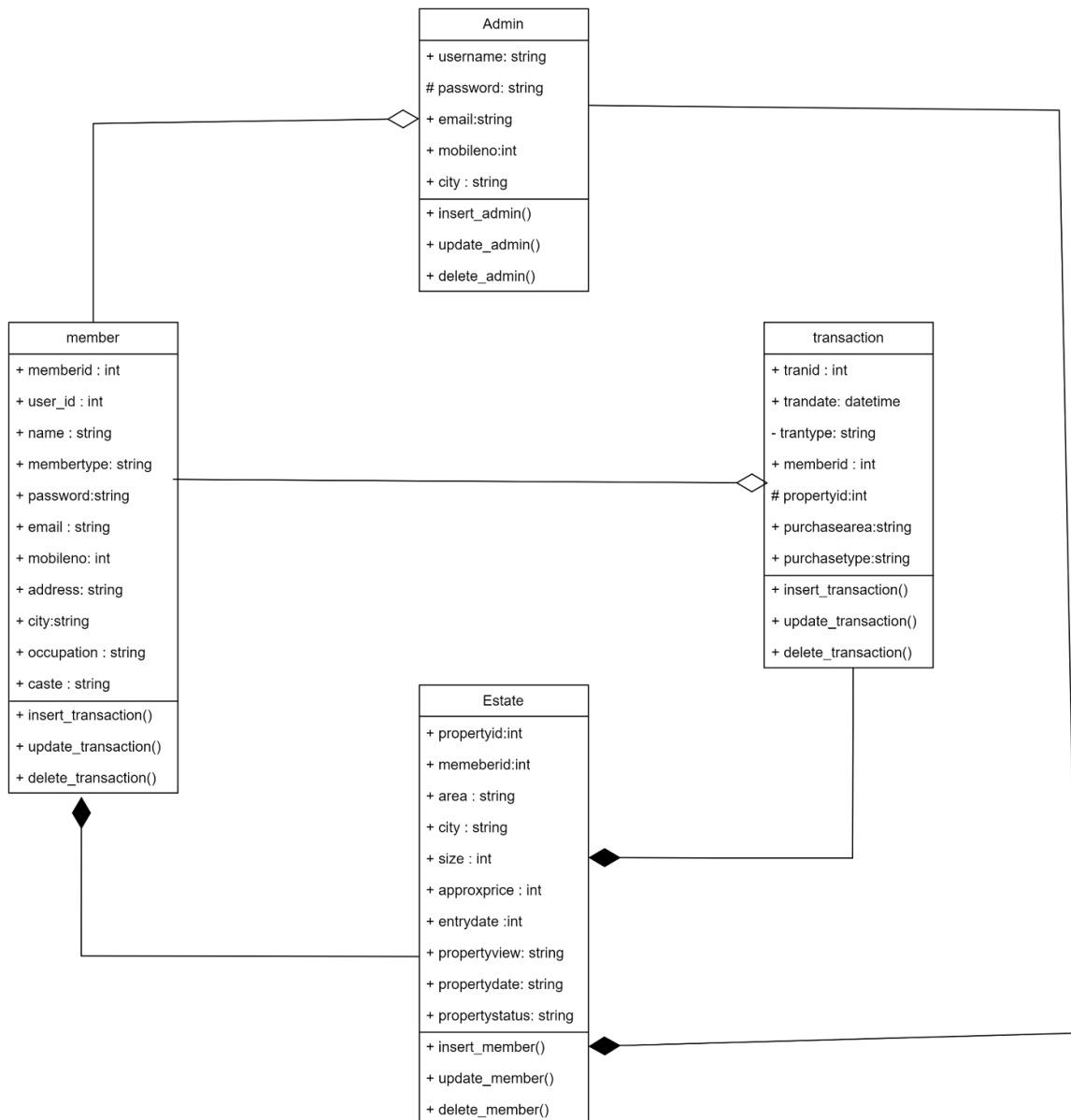
Multiplicity (Cardinality)

Place multiplicity notations near the ends of an association. These symbols indicate the number of instances of one class linked to one instance of the other class. For example, one company will have one or more employees, but each employee works for one company only.



Place constraints inside curly braces {}.

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CLASS DIAGRAM

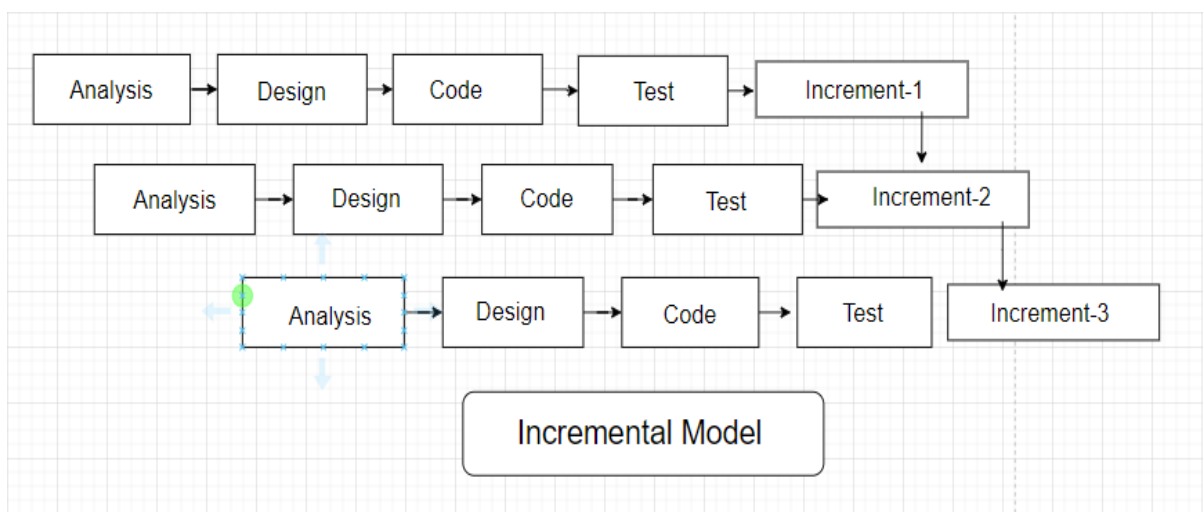
REQUIREMENT MODEL

Incremental Model: Incremental Model is a process of software development where requirements divided into multiple standalone modules of the software development cycle. In this model each module goes through the requirements, design, implementation and testing phases. Every subsequent release of the module adds function to the previous release. The process continues until the complete system achieved

We are not expert in Web Development, therefore we have to faces many types of problems and error at the development time and we want to say that we are using incremental model to identify errors easily.

There are various type of phases of Incremental Model:

- **Requirement Analysis:** Complete the analysis is performed on the requirement and how to make sure that this requirement will be compatible to previously develop.
- **Design:** Once the requirement for this particular increment i understood and clear then design will be drafted on how to implement and archive this requirement.
- **Code:** Now the coding is performed in accordance to achieve the purpose of the requirements: All the coding standards will be followed without any defaults and unnecessary hard codes.
- **Test:** This is the last in the incremental phase where aggressive testing is performed on the developed code and defects are reported and resolved.



ACTIVITY DIAGRAM

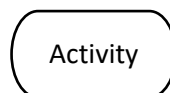
What is an Activity Diagram?

An activity diagram illustrates the dynamic nature of a system by modelling the flow of control from activity to activity. An activity represents an operation on some class in the system that results in a change in the state of the system. Typically, activity diagrams are used to model workflow or business processes and internal operation. Because an activity diagram is a special kind of state chart diagram, it uses some of the same modelling conventions.

Basic Activity Diagram Symbols and Notations.

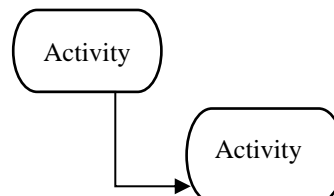
Action states

Action states represent the no interruptible actions of objects. You can draw an action state in Smart Draw using a rectangle with rounded corners.



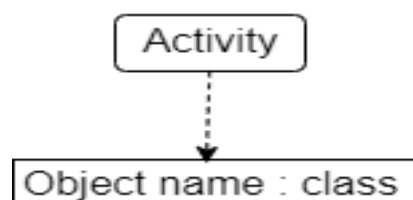
Action Flow

Action flow arrows illustrate the relationships among action states.



Object Flow

Object flow refers to the creation and modification of objects by activities. An object flow arrow from an action to an object means that the action creates or influences the object. An object flow arrow from an object to an action indicates that the action state uses the object



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Initial State

A filled circle followed by an arrow represents the initial action state

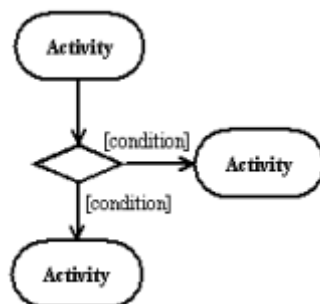


Final State

An arrow pointing to a filled circle nested inside another circle represents the final action state.



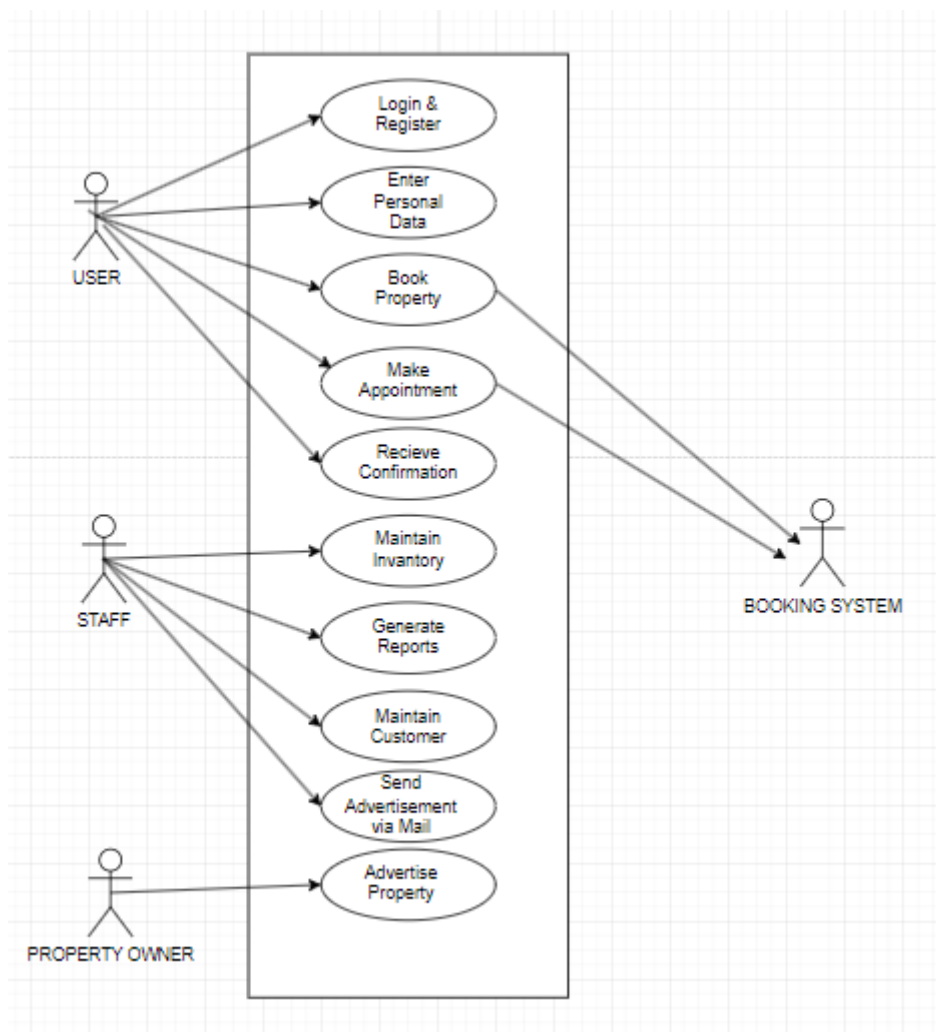
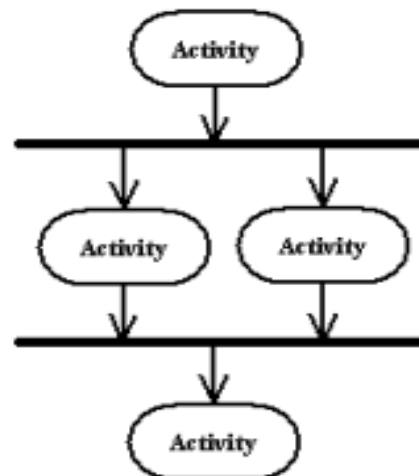
Branching A diamond represents a decision with alternate paths. The outgoing alternates should be labelled with a condition or guard expression. You can also label one of the paths "else."



Synchronization

A synchronization bar helps illustrate parallel transitions. Synchronization is also called forking and joining.

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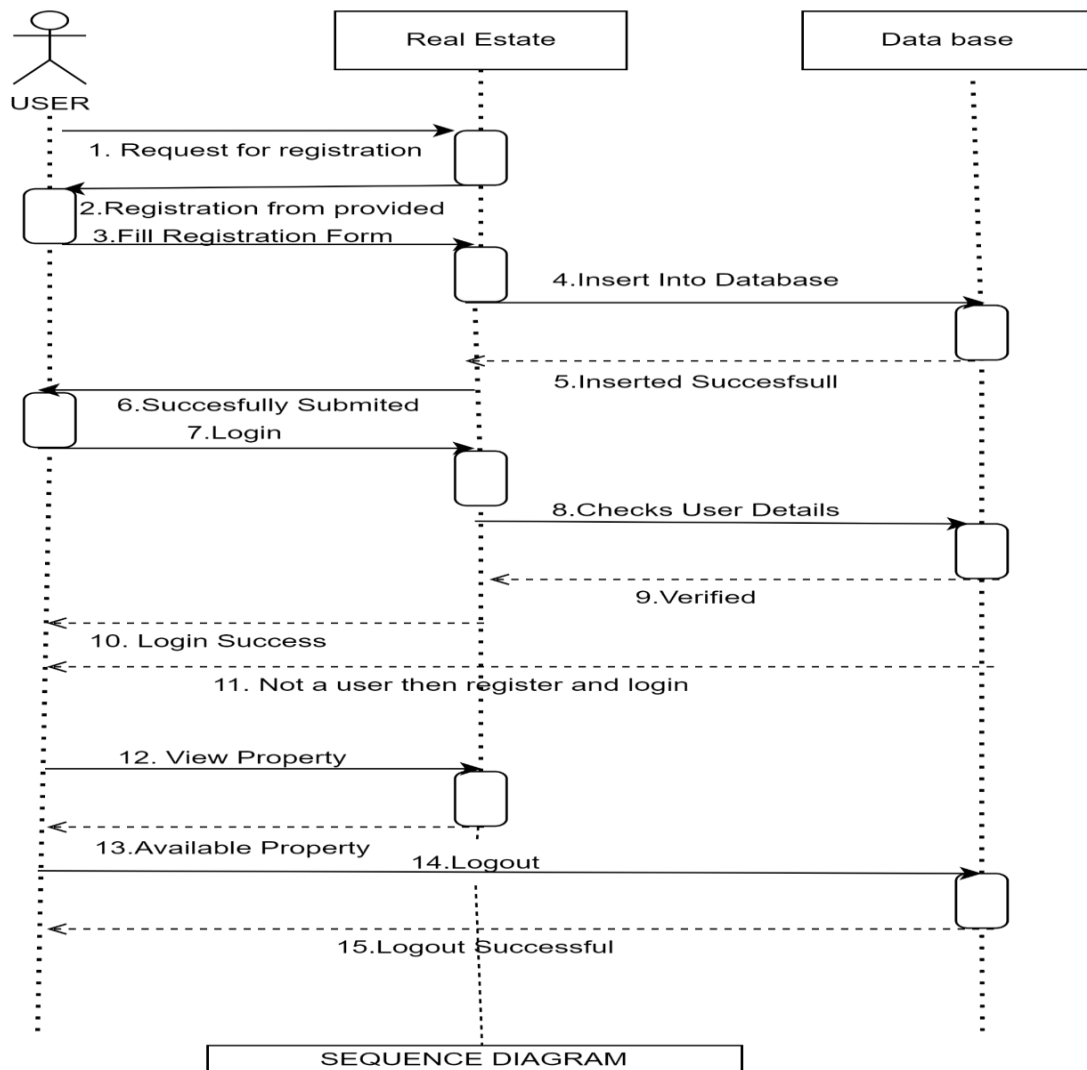


ACTIVITY DIAGRAM

SEQUENCE DIAGRAM

What is a Sequence Diagram?

Sequence diagrams describe interactions among classes in terms of an exchange of messages over time



CHAPTER 4: SYSTEM DESIGN

4.1 Basic Modules

1. Property Listings:

- This is the core module where properties for sale or rent are listed with basic details like location, price, and a brief description.

2. Search Functionality:

- Users can search for properties based on criteria such as location, price range, property type, and number of bedrooms.

3. Property Details:

- Detailed information about each property, including descriptions, images, and contact information.

4. User Registration and Login:

- Allows users to create accounts and log in to save favorite properties or submit inquiries.

5. Contact Form:

- A simple way for users to inquire about a property or contact the property owner or agent.

6. Favorites:

- Users can save their favorite properties for future reference.

7. Basic Admin Panel:

- A basic dashboard for administrators to manage property listings, user accounts, and inquiries.

4.2 Data Design

ADMIN

Name	Data Type	Constraints
User_name	Varchar(10)	• Primary Key
Password	Varchar(10)	Not Null
Company	Varchar(30)	Not Null
Address	Varchar(100)	Not Null
City	Varchar(20)	Not Null
Pincode	Int	Not Null
Contact_person	Varchar(20)	Not Null
Mobile_no	Varchar(15)	Null
Email	Varchar(30)	Null
Logo	Varchar(15)	Null
Last_estate_id	Int	Null

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Name	Data Type	Constraint's
Estate_id	int	Primary key
Member_id	int	Foreign key
Area	Varchar(30)	Not null
Address	Varchar(200)	null
Type	Varchar(20)	Not null
Construction	Varchar(20)	Not null
Size	Real	Not null
Approx_price	BigInt	Not null
Entry_date	Datetime	Not null
Estate_view	Varchar(20)	Null
Estate_status	Varchar(15)	Not null
Estate_date	Datetime	Null
Remark	Varchar(200)	Null

ESTATE MASTER

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MEMBER MASTER

Name	Data Type	Constarints
Member_id	Int	Primary Key
Member_type	Varchar(25)	Not Null
User_id	Varchar(15)	Not Null
Password	Varchar(15)	Not Null
Name	Varchar(50)	Not Null
Address	Varchar(200)	Not Null
City	Varchar(50)	Not Null
Pincode	Int	Not Null
Mobile_no	Varchar((15)	Not Null
Email	Varchar(50)	Null
Occupation	Varchar(30)	Not Null
Caste	Varchar(20)	Null

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TRANSACTION MASTER

Name	Data Type	Constraints
Tran_id	Int	Primary key
Tran_date	DateTime	Not Null
Member_id	Int	Foreign Key
Tran_type	Varchar(15)	Not Null
Estate_id	Int	Not Null
Purchase_Area	Varchar(30)	Null
Purchase_type	Varchar(20)	Null
Construction	Varchar(20)	Null

4.2.1 Schema Design

Schema design is like planning the blueprint for a database. Imagine you're designing a filing system for a library. You'd decide how to organize the shelves, what categories of books to have, and where to put each book. In a similar way, schema design is about deciding what types of information to store (like user details, property listings, bookings, and reviews) and how to organize and connect them within a database.

For example, if you were creating a "Users" section in your database, you'd decide what information to collect for each user, like their name, email, and profile picture. You'd also make sure that each user has a unique identifier, like a library card number in our library analogy. This helps keep track of everyone separately.

Then, when you design the "Properties" section, you'd decide what details to include for each property, such as location, price, and amenities. You'd also make a connection to the "Users" section, indicating which property belongs to which user. This way, you can see which property is owned by which user.

Schema design ensures that all the information you need is organized neatly, making it easy to find, update, and connect different pieces of data. It's like creating a well-organized library where you can quickly locate the right book on the right shelf.

4.2.2 Data Integrity and Constraints

1. Data Integrity:

- **Entity Integrity:** Each record in a table (e.g., user, property) must have a unique identifier. For instance, every user should have a distinct user ID, ensuring that user data is distinct and identifiable.
- **Referential Integrity:** Relationships between tables must be maintained. If a property listing is associated with a user, the user ID in the property table should reference a valid user ID in the user table.

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- **Domain Integrity:** Data values should conform to specified data types and constraints. For instance, dates should be in a valid format, and numeric fields should only contain numbers.

2. Constraints:

- **Primary Key Constraint:** Each table should have a primary key, ensuring that each record has a unique identifier. For example, a user table's primary key is the user ID.
- **Foreign Key Constraint:** Tables with relationships should use foreign keys to link records. For example, the property table may have a foreign key column referencing the owner's user ID.
- **Check Constraint:** Check constraints enforce specific conditions on data values. For instance, a check constraint can ensure that a booking's check-in date is before the check-out date.
- **Unique Constraint:** This constraint ensures that data in a column or combination of columns is unique within a table. For instance, email addresses in the user table should be unique.
- **Default Constraint:** Default values can be assigned to columns, ensuring that if a value is not specified during data entry, a predefined default value is used.
- **Not Null Constraint:** This constraint ensures that a column cannot have a null (empty) value. For instance, the username column in the user table should not be null.

4.3 Procedural Design

Procedural design for a Real Estate Booking Management System involves breaking down the entire system into smaller, logical procedures or functions, much like different steps in a recipe. Each procedure has a specific job and interacts with other procedures to achieve the system's goals.

Here's how procedural design might work for this system:

- **User Registration Procedure:**
 - Defines how users can create accounts with their information.

REAL ESTATE BOOKING MANAGEMENT SYSTEM

- Stores user details securely in the database.
- **Property Listing Procedure:**
 - Allows property owners to create and manage property listings.
 - Collects property information and stores it in the system.
- **Property Search Procedure:**
 - Let's renters search for available properties based on criteria.
 - Retrieves property data from the database based on user preferences.
- **Booking Procedure:**
 - Handles the process of users booking properties.
 - Checks property availability and creates booking records.
- **Payment Processing Procedure:**
 - Manages secure payment processing for booking fees.
 - Interfaces with payment gateways and records payment details.
- **User Profile Procedure:**
 - Allows users to manage their profiles.
 - Retrieves and updates user information as needed.
- **Notification Procedure:**
 - Sends notifications to users regarding booking requests, confirmations, and updates.
 - Manages the delivery of messages between users and the system.
- **Administrative Procedure:**
 - Provides administrators with tools to manage users and property listings.
 - Includes features for user support and issue resolution.
- **Availability Management Procedure:**

- Allows property owners to update property availability.
- Ensures real-time availability checks to prevent double bookings.

4.3.1 Logic Diagrams

- The diagram starts with the "User Login" step, where users enter their credentials.
- The system checks if the user is an admin or not.
 - If the user is an admin, they are directed to the "Admin Dashboard" where they can manage properties and users.
 - Admins can add, edit, or delete properties and users.
 - If the user is not an admin, they are directed to the "User Dashboard."
 - Users can search for properties, view property details, and manage their profiles.
 - They can filter properties based on criteria.
 - They can also book properties, make payments, and receive booking confirmations.
 - Users can edit their profiles, view booking history, and submit reviews.

The diagram includes a "User Logout" step to end the session.

REAL ESTATE BOOKING MANAGEMENT SYSTEM



LOGIC DIAGRAM

4.3.2 Data Structures

Data structures are used in real estate management systems to store and organize data efficiently. Some common data structures used in real estate management systems include:

Data structures are used in real estate booking management systems to store and organize data efficiently. Some common data structures:

- **Arrays:** Arrays are used to store lists of data, such as a list of properties or a list of tenants.
- **Linked lists:** Linked lists are used to store lists of data where the order of the data is important. For example, a linked list could be used to store a list of tenants in a specific building.
- **Hash tables:** Hash tables are used to store key-value pairs. For example, a hash table could be used to store a list of properties with the property address as the key and the property information as the value.
- **Trees:** Trees are used to store hierarchical data. For example, a tree could be used to store a list of properties with the property type as the root node and the individual properties as the leaf nodes.
- **Graphs:** Graphs are used to store relationships between data. For example, a graph could be used to store a list of properties with the relationships between the properties as the edges.

The specific data structures that are used in a real estate booking management system will depend on the specific needs of the system. For example, a system that needs to track a large number of properties may use an array to store the list of properties. A system that needs to track the rental status of properties may use a hash table to store the rental status of each property.

4.3.3 Algorithms Design

Algorithms are used in real estate booking management systems to automate tasks and make decisions. Some common algorithms used in real estate management systems include:

- **Search algorithms:** Search algorithms are used to find properties that meet specific criteria, such as location, price, and amenities.
- **Sorting algorithms:** Sorting algorithms are used to sort properties in a specific order, such as by price, location, or date of listing.
- **Recommendation algorithms:** Recommendation algorithms are used to recommend properties to users based on their past behaviour and preferences.
- **Pricing algorithms:** Pricing algorithms are used to set the price of properties based on market conditions and other factors.
- **Maintenance scheduling algorithms:** Maintenance scheduling algorithms are used to schedule maintenance for properties based on a variety of factors, such as the type of property, the age of the property, and the climate.

The specific algorithms that are used in a real estate management system will depend on the specific needs of the system. For example, a system that needs to allow users to search for properties may use a search algorithm. A system that needs to recommend properties to users may use a recommendation algorithm. A system that needs to set the price of properties may use a pricing algorithm.

4.4 User Interface Design

USE CASE

Use Case

Draw use cases using ovals. Label with ovals with verbs that represent the system's functions.

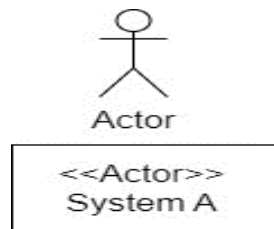


Print

Actors

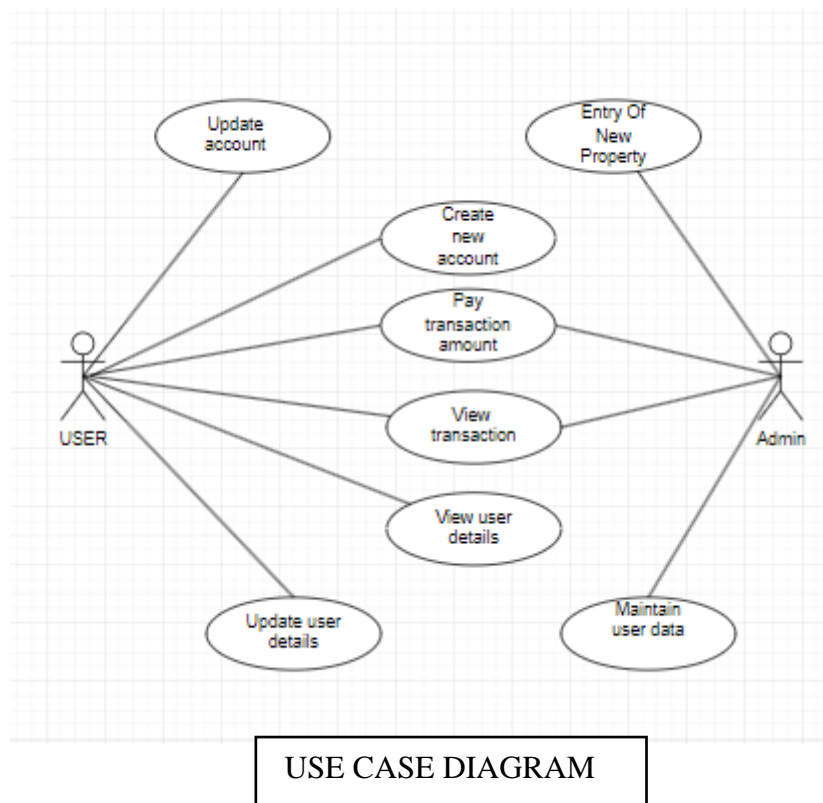
REAL ESTATE BOOKING MANAGEMENT SYSTEM

Actors are the users of a system. When one system is the actor of another system, label the actor system with the actor stereotype



Relationships

Illustrate relationships between an actor and a use case with a simple line. For relationships among use cases, use arrows labelled either "uses" or "extends." A "uses" relationship indicates that one use case is needed by another in order to perform a task. An "extends" relationship indicates alternative options under a certain use case.



4.5 Security Issues

- **Data Security:** Protect user data, including personal information and payment details, through encryption and secure storage.
- **Authentication:** Ensure strong user authentication to prevent unauthorized access to accounts.
- **Authorization:** Implement proper authorization mechanisms to restrict users' access to only the features they are allowed to use.
- **Input Validation:** Validate and sanitize user inputs to prevent common security vulnerabilities like SQL injection and cross-site scripting (XSS).
- **Session Management:** Manage user sessions securely to prevent session hijacking and ensure users are properly logged out.
- **Payment Security:** Implement secure payment processing to protect users' financial information during transactions.
- **Access Control:** Enforce access control policies to limit access to sensitive data and functions.
- **Password Policies:** Enforce strong password policies to ensure user accounts are protected.
- **Error Handling:** Implement proper error handling to avoid exposing sensitive information in error messages.
- **Data Backup and Recovery:** Regularly back up data and have a disaster recovery plan in place to prevent data loss.
- **Third-Party Integrations:** Ensure that third-party services integrated into the system meet security standards and have secure APIs.
- **Security Patching:** Keep all software components up to date with the latest security patches.
- **Security Testing:** Conduct regular security testing, including vulnerability scanning and penetration testing, to identify and fix vulnerabilities.
- **Security Policies:** Establish and enforce security policies and best practices for developers and users.

These are key security considerations for a Real Estate Booking Management System to protect user data and ensure the system's overall security.

CHAPTER 5: IMPLEMENTATION AND TESTING

5.1 Implementation Approaches

When it comes to implementing a Real Estate Booking Management System, the choice of technology plays a crucial role in the project's success. PHP, being an open-source web language, offers several advantages that make it a suitable choice for this endeavor

- **Cost Efficiency:** One of the significant advantages of using PHP is its cost-effectiveness. Being open-source, PHP incurs no licensing fees, making it an attractive option for projects with budget constraints. Developers can leverage PHP's capabilities without the need to purchase expensive software or licenses. This cost-saving aspect is particularly beneficial for real estate businesses looking to minimize development expenses.
- **Efficient Performance:** PHP's efficiency lies in its ability to handle various tasks efficiently through smart coding practices. It boasts scalability, allowing developers to write codes that can accommodate the complex requirements of a Real Estate Booking Management System. With PHP, developers can create high-performance applications capable of managing large volumes of data and user interactions seamlessly.
- **Easy Integration and Compatibility:** PHP's compatibility with a wide range of operating systems, including UNIX, Solaris, and Linux, simplifies integration with existing software systems. This compatibility ensures that real estate agencies or property management firms can seamlessly integrate the booking management system with their current infrastructure without the need for extensive redevelopment. Additionally, PHP's compatibility with technologies like Java enables developers to leverage additional functionalities and resources, further enhancing the system's capabilities.
- **Ease of Learning and Use:** PHP is renowned for its simplicity and ease of learning, making it accessible to developers with varying levels of experience. Compared to other web languages, PHP's syntax is logical and well-organized, reducing the learning curve for developers. This ease of use streamlines the development process, allowing developers to focus on building robust features and functionalities for the Real Estate Booking Management System.
- **Code Efficiency:** By adhering to best coding practices and leveraging PHP's built-in functionalities and libraries, developers can ensure code efficiency and maintainability. PHP offers a wide range of tools and frameworks that aid in writing clean, efficient code, thereby enhancing the performance and scalability of the booking management system.

5.2 CODING DETAILS:

Login.php

```
<?php
session_start();
include("config.php");
$error="";
$msg="";
if(isset($_REQUEST['login']))
{
    $email=$_REQUEST['email'];
    $pass=$_REQUEST['pass'];

    if(!empty($email) && !empty($pass))
    {
        $sql = "SELECT * FROM user where uemail='$email' && upass='$pass'";
        $result=mysqli_query($con, $sql);
        $row=mysqli_fetch_array($result);
        if($row){

            $_SESSION['uid']=$row['uid'];
            $_SESSION['uemail']=$email;
            header("location:index.php");

        }
        else{
            $error = "<p class='alert alert-warning'>Login Not
Successfully</p> ";
        }
    }else{
        $error = "<p class='alert alert-warning'>Please Fill all the
fields</p>";
    }
}
?>
<!DOCTYPE html>
<html lang="en">

<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">

<!-- Meta Tags -->
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<link rel="shortcut icon" href="images/favicon.ico">

<!-- Fonts
=====-->
<link
href="https://fonts.googleapis.com/css?family=Muli:400,400i,500,600,700&
;display=swap" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Comfortaa:400,700"
rel="stylesheet">
```

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```
<!--      Css Link
=====-->
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
<link rel="stylesheet" type="text/css" href="css/color.css">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css" href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/login.css">

<!--      Title
=====-->
<title>Homex - Real Estate Template</title>
</head>
<body>

<!--      Page Loader
=====
<div class="page-loader position-fixed z-index-9999 w-100 bg-white vh-100">
    <div class="d-flex justify-content-center y-middle position-relative">
        <div class="spinner-border" role="status">
            <span class="sr-only">Loading...</span>
        </div>
    </div>
</div>
-->

<div id="page-wrapper">
    <div class="row">
        <!--      Header start  -->
        <?php include("include/header.php");?>
        <!--      Header end  -->

        <!--      Banner  --->
        <div class="banner-full-row page-banner" style="background-
image:url('images/breadcromb.jpg');">
            <div class="container">
                <div class="row">
                    <div class="col-md-6">
                        <h2 class="page-name float-left text-white text-
uppercase mt-1 mb-0"><b>Login</b></h2>
                    </div>
                    <div class="col-md-6">
                        <nav aria-label="breadcrumb" class="float-left
float-md-right">
                            <ol class="breadcrumb bg-transparent m-0 p-0">
                                <li class="breadcrumb-item text-white"><a
href="index.php">Home</a></li>
                                <li class="breadcrumb-item
active">Login</li>
                            </ol>
                        </nav>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
</div>
<!-- Banner ---->

<div class="page-wrappers login-body full-row bg-gray">
  <div class="login-wrapper">
    <div class="container">
      <div class="loginbox">
        <div class="login-right">
<div class="login-right-wrap">
  <h1>Login</h1>
  <p class="account-subtitle">Access to our dashboard</p>
  <?php echo $error; ?><?php echo $msg; ?>
  <!-- Form -->
  <form method="post">
    <div class="form-group">
      <input type="email" name="email" class="form-control"
placeholder="Your Email*" autocomplete="email">
    </div>
    <div class="form-group">
      <div class="input-group">
        <input type="password" name="pass" class="form-
control" placeholder="Your Password" autocomplete="passowrd" id="password">
        <div class="input-group-append">
          <button class="btn btn-outline-secondary"
type="button" id="togglePassword">
            <i class="fa fa-eye" aria-hidden="true"></i>
          </button>
        </div>
      </div>
    </div>
    <button class="btn btn-primary" name="login" value="Login"
type="submit">Login</button>
    <a class="btn btn-primary" data-toggle="modal" data-
target="#exampleModal" style="color:white;">Forgot Password</a>
    <!-- onclick="forgotpassword()" -->
  </form>

      <div class="login-or">
        <span class="or-line"></span>
        <span class="span-or">or</span>
      </div>

      <div class="text-center dont-have">Don't
have an account? <a href="register.php">Register</a></div>

    </div>
  </div>
</div>
</div>
<!-- login -->

<!-- Footer start-->
<?php include("include/footer.php"); ?>
```


REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<!-- Footer start-->

<!-- Scroll to top -->
<a href="#" class="bg-secondary text-white hover-text-secondary"
id="scroll"><i class="fas fa-angle-up"></i></a>
<!-- End Scroll To top -->
</div>
</div>
<!-- Wrapper End -->

<script>
    document.getElementById('togglePassword').addEventListener('click',
function() {
    var passwordField = document.getElementById('password');
    var icon = document.querySelector('#togglePassword i');

    // Toggle the type attribute
    if (passwordField.type === 'password') {
        passwordField.type = 'text';
        icon.classList.remove('fa-eye');
        icon.classList.add('fa-eye-slash');
    } else {
        passwordField.type = 'password';
        icon.classList.remove('fa-eye-slash');
        icon.classList.add('fa-eye');
    }
    });
</script>
<!-- Modal -->
<div class="modal fade" id="exampleModal" tabindex="-1" role="dialog" aria-
labelledby="exampleModalLabel" aria-hidden="true">
    <div class="modal-dialog" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title" id="exampleModalLabel">Forgot Password</h5>
                <button type="button" class="close" data-dismiss="modal" aria-
label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">

                <form method="post">
                    <div class="form-group">
                        <input type="email" name="forgotpass" id="forgotpass"
class="form-control" placeholder="Enter Your Email*">
                    </div>
                    <div class="form-group d-none" id="npasstext">
                        <input type="type" name="newpass" id="newpass"
class="form-control" placeholder="Enter Your Password*">
                    </div>

                </form>
            </div>
            <div class="modal-footer">
                <button type="button" class="btn btn-primary"
onclick="forgotpassword()" id="upd_btn">Update</button>
                <button type="button" class="btn btn-primary d-none"
onclick="change_password()" id="cha_btn">Change Password</button>
            </div>
        </div>
    </div>
</div>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<button type="button" class="btn btn-secondary" data-  
dismiss="modal">Close</button>  
  
    </div>  
  </div>  
</div>  
</div>  
<!-- model end -->  
  
<!-- Js Link  
=====-->  
<script src="js/jquery.min.js"></script>  
<!--jQuery Layer Slider -->  
<script src="js/greensock.js"></script>  
<script src="js/layerlider.transitions.js"></script>  
<script src="js/layerlider.kreaturamedia.jquery.js"></script>  
<!--jQuery Layer Slider -->  
<script src="js/popper.min.js"></script>  
<script src="js/bootstrap.min.js"></script>  
<script src="js/owl.carousel.min.js"></script>  
<script src="js/tmpl.js"></script>  
<script src="js/jquery.dependClass-0.1.js"></script>  
<script src="js/draggable-0.1.js"></script>  
<script src="js/jquery.slider.js"></script>  
<script src="js/wow.js"></script>  
<script src="js/custom.js"></script>  
<script type="text/javascript">  
  // $( document ).ready(function() {  
  
    function forgotpassword() {  
      // alert('hiiii')  
      var emailid=$("#forgotpass").val();  
      var resultobj;  
      console.log('emailid',emailid)  
      $.ajax({  
        type: "POST",  
        url: "forgotpassword.php",  
        data: {'email': emailid},  
        dataType: 'json',  
        async: !1,  
        success: function (data) {  
          resultobj = data;  
        },  
        error: function (textStatus, errorThrown) {  
          alert('error');  
        }  
      });  
      // return resultobj;  
  
      console.log('resultobj',resultobj)  
  
      if (resultobj['code']==200) {  
        // alert('yes')  
        $('#forgotpass').prop('readonly', true);  
        $('#npsasstext').addClass('d-block').siblings().removeClass('d-  
none');  
        $('#upd_btn').hide()  
        $('#cha_btn').addClass('d-block').siblings().removeClass('d-  
none');
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
    }else{
        alert('something went wrong! check your email id')
    }

}

function change_password() {
    // alert('change_password'):
    var emailid=$("#forgotpass").val();
    var pass=$("#newpass").val();
    var resultobj;
    $.ajax({
        type: "POST",
        url: "changepassword.php",
        data: {'email': emailid,'pass': pass},
        dataType: 'json',
        async: !1,
        success: function (data) {
            resultobj = data;
        },
        error: function (textStatus, errorThrown) {
            alert('error');
        }
    });

    console.log('resultobj--change passowrd',resultobj)
    if (resultobj['code']==200) {

        location.reload();
        $('#exampleModal').modal('hide');
        alert('User Password has been changes successfully!')
    }else{
        alert('something went wrong! check your email id')
    }
}
// });
</script>
</body>
</html>
```

Register.php

```
<?php
include("config.php");
require 'vendor/autoload.php';

use libphonenumber\PhoneNumberUtil;

// Initialize PhoneNumberUtil
$phoneUtil = PhoneNumberUtil::getInstance();
$arrRegions = $phoneUtil->getSupportedRegions();

// Define error and message variables
$error = "";
$msg = "";
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
// Check if form is submitted

if (isset($_POST['reg'])) {
    // Check if the country code is selected
    if (empty($_POST['country'])) {
        $error = "<p class='alert alert-danger'>Please select a country
code</p>";
    } else {
        // Extract phone number and country code from form input
        $phone = $_POST['phone'];
        $country = $_POST['country'];
        $phoneWithCountryCode = $country . $phone;
        $defaultRegion = $phoneUtil->getRegionCodeForCountryCode($country);
        $error = "";
        // Parse the phone number
        $numberProto = $phoneUtil->parse($phoneWithCountryCode,
$defaultRegion);

        // Validate the phone number
        $isValid = $phoneUtil->isValidNumber($numberProto);

        // Check if the phone number is valid
        if (!$isValid) {
            // If number is not valid, set error message and prevent form
submission
            $error = "Phone number is not valid";
        } else {
            // If number is valid, proceed with form submission logic
            // Your existing form submission logic goes here
            // For example:
            $name = $_REQUEST['name'];
            $email = $_REQUEST['email'];
            $phone = $phoneWithCountryCode;
            $address = $_REQUEST['address'];
            $pass = $_REQUEST['pass'];
            $utype = $_REQUEST['utype'];

            $uimage = $_FILES['uimage']['name'];
            $temp_name1 = $_FILES['uimage']['tmp_name'];

            $query = "SELECT * FROM user where uemail='$email' AND
uphone='$phone'";
            $res = mysqli_query($con, $query);
            $num = mysqli_num_rows($res);

            if ($num == 1) {
                $error = "<p class='alert alert-warning'>Email Id or Phone
Number already Exist</p> ";
            } else {
                if (!empty($name) && !empty($email) && !empty($phone) &&
!empty($pass) && !empty($uimage)) {
                    $sql = "INSERT INTO user
(uname,uemail,uphone,uaddress,upass,utype,uimage) VALUES
('$name','$email','$phone','$address','$pass','$utype','$uimage')";
                    $result = mysqli_query($con, $sql);
                    move_uploaded_file($temp_name1, "admin/user/$uimage");

                    if ($result) {
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
$msg = "<p class='alert alert-success'>Register  
Successfully</p> ";  
    // JavaScript code to redirect after 3 seconds  
    echo "<script>  
        setTimeout(() => {  
            window.location.href = 'login.php';  
        }, 3000);  
    </script>";  
    } else {  
        $error = "<p class='alert alert-warning'>Register  
Not Successfully</p> ";  
    }  
    } else {  
        $error = "<p class='alert alert-warning'>Please Fill  
all the fields</p>";  
    }  
    }  
    }  
    }  
} else {  
    // Clear error message if the form is not submitted  
    $error = "";  
}  
?>  
<!DOCTYPE html>  
<html lang="en">  
  
<head>  
    <!-- Required meta tags -->  
    <meta charset="utf-8">  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">  
    <meta name="viewport" content="width=device-width, initial-scale=1,  
shrink-to-fit=no">  
  
    <!-- Meta Tags -->  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">  
    <link rel="shortcut icon" href="images/favicon.ico">  
  
    <!-- Fonts  
    =====>  
    <link  
href="https://fonts.googleapis.com/css?family=Muli:400,400i,500,600,700&am  
;display=swap" rel="stylesheet">  
    <link href="https://fonts.googleapis.com/css?family=Comfortaa:400,700"  
rel="stylesheet">  
  
    <!-- Css Link  
    =====>  
    <link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">  
    <link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">  
    <link rel="stylesheet" type="text/css" href="css/jquery-ui.css">  
    <link rel="stylesheet" type="text/css" href="css/layerslider.css">  
    <link rel="stylesheet" type="text/css" href="css/color.css">  
    <link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">  
    <link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">  
    <link rel="stylesheet" type="text/css" href="fonts/flaticon/flaticon.css">  
    <link rel="stylesheet" type="text/css" href="css/style.css">  
    <link rel="stylesheet" type="text/css" href="css/login.css">  
</style>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
#country {
  width: 7rem;
  display: flex;
  position: absolute;
  font-size: 10px;
  z-index: 2;
}
#phone {
  width: 63%;
  display: flex;
  position: relative;
  left: 7.5rem;
  z-index: 1;
}
</style>
<!-- Title
=====-->
<title>Homex - Real Estate Template</title>
</head>

<body>

  <!-- Page Loader
=====
<div class="page-loader position-fixed z-index-9999 w-100 bg-white vh-100">
  <div class="d-flex justify-content-center y-middle position-relative">
    <div class="spinner-border" role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
</div>
-->

  <div id="page-wrapper">
    <div class="row">
      <!-- Header start -->
      <?php include("include/header.php"); ?>
      <!-- Header end -->

      <!-- Banner --->
      <div class="banner-full-row page-banner" style="background-
image:url('images/breadcromb.jpg');">
        <div class="container">
          <div class="row">
            <div class="col-md-6">
              <h2 class="page-name float-left text-white
text-uppercase mt-1 mb-0"><b>Register</b></h2>
            </div>
            <div class="col-md-6">
              <nav aria-label="breadcrumb" class="float-left
float-md-right">
                <ol class="breadcrumb bg-transparent m-0 p-
0">
                  <li class="breadcrumb-item text-
white"><a href="index.php">Home</a></li>
                  <li class="breadcrumb-item
active">Register</li>
                </ol>
              </nav>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

        </div>
    </div>
</div>
<!-- Banner --->

<div class="page-wrappers login-body full-row bg-gray">
    <div class="login-wrapper">
        <div class="container">
            <div class="loginbox">
                <div class="login-right">
                    <div class="login-right-wrap">
                        <h1>Register</h1>
                        <p class="account-subtitle">Access to
our dashboard</p>
                        <?php echo $error; ?><?php echo $msg;
?>
                        <!-- Form -->
                        <form method="post"
enctype="multipart/form-data">
                            <div class="form-group">
                                <input type="text" name="name"
class="form-control" placeholder="Your Fullname*" minlength="4">
                            </div>
                            <div class="form-group">
                                <input type="email"
name="email" class="form-control" placeholder="Your Email*"
autocomplete="on">
                            </div>
                            <div class="form-group">
                                <!-- Country dropdown -->
                                <select id="country"
class="form-control" name="country">
                                    <option disabled="disabled"
selected="selected">Country Code</option>
                                    <?php foreach ($arrRegions
as $region) {
                                        <?php echo "<option |value="
. $region . ">+" . $phoneUtil->getCountryCodeForRegion($region) .
"</option>";
                                    } ?>
                                </select>
                                <!-- Phone number input -->
                                <input type="text" id="phone"
name="phone" class="form-control" placeholder="Your Phone*" minlength="10"
maxlength="15" oninput="checkInput(this)">
                                <span id="phone-error"
class="error-message"></span>
                            </div>
                            <div class="form-group">
                                <input type="text"
name="address" class="form-control" placeholder="Your Address*"
autocomplete="off">
                            </div>
                        </div class="form-group">

```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<div class="input-group">
  <input type="password"
name="pass" class="form-control" placeholder="Your Password*"
autocomplete="on">

  <div class="input-group-
append">

    <button class="btn btn-
outline-secondary" type="button" onclick="togglePasswordVisibility(this)">
      <i class="fa fa-
eye"></i>

    </button>
  </div>
</div>
</div>

<div class="form-check-inline">
  <label class="form-check-
label">

    <input type="radio"
class="form-check-input" name="utype" value="user" checked>User
    </label>
  </div>
  <div class="form-check-inline">
    <label class="form-check-
label">

      <input type="radio"
class="form-check-input" name="utype" value="agent">Agent
      </label>
    </div>
    <div class="form-check-inline
disabled">

      <label class="form-check-
label">

        <input type="radio"
class="form-check-input" name="utype" value="builder">Builder
        </label>
      </div>

      <div class="form-group">
        <label class="col-form-
label"><b>User Image*</b></label>

        <input class="form-control"
name="uimage" type="file">

      </div>

      <button class="btn btn-primary"
name="reg" value="Register" type="submit">Register</button>

    </form>

    <div class="login-or">
      <span class="or-line"></span>
      <span class="span-or">or</span>
    </div>

    <!-- Social Login -->
    <!-- <div class="social-login">
      <span>Register with</span>
      <a href="#" class="facebook"><i
class="fab fa-facebook-f"></i></a>
```


REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
class="fab fa-google"></i></a>
class="fab fa-twitter"></i></a>
class="fab fa-instagram"></i></a>
</div> -->
<!-- /Social Login -->

<div class="text-center dont-
have">Already have an account? <a href="login.php">Login</a></div>

</div>
</div>
</div>
</div>
</div>
</div>
<!-- login -->

<!-- Footer start-->
<?php include("include/footer.php"); ?>
<!-- Footer start-->

<!-- Scroll to top -->
<a href="#" class="bg-secondary text-white hover-text-
secondary" id="scroll"><i class="fas fa-angle-up"></i></a>
<!-- End Scroll To top -->
</div>
</div>
<script>

    const password = document.querySelector('input[type="password"]');

    password.addEventListener("focus", (event) => {
        event.target.style.background = "#f2f2f2";
    });

    password.addEventListener("blur", (event) => {
        event.target.style.background = "";
    });
</script>
<script>
    function togglePasswordVisibility(button) {
        var passwordInput =
button.parentElement.parentElement.querySelector('input[name="pass"]');
        if (passwordInput.type === "password") {
            passwordInput.type = "text";
            button.innerHTML = '<i class="fa fa-eye-slash"></i>';
        } else {
            passwordInput.type = "password";
            button.innerHTML = '<i class="fa fa-eye"></i>';
        }
    }

    function checkInput(input) {
        // Remove non-numeric characters
        input.value = input.value.replace(/^[^0-9]/g, '');
    }
</script>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
// Check if the input contains any non-numeric characters
if (input.value.match(/^[^0-9]/)) {
    // Display error message
    document.getElementById("phone-error").textContent = "Only
numeric characters are allowed.";
    // Clear input
    input.value = "";
} else {
    // Clear error message
    document.getElementById("phone-error").textContent = "";
}
}
</script>

<!-- Wrapper End -->

<!-- Js Link
=====-->
<script src="js/jquery.min.js"></script>
<!--jQuery Layer Slider -->
<script src="js/greensock.js"></script>
<script src="js/layerlider.transitions.js"></script>
<script src="js/layerlider.kreaturamedia.jquery.js"></script>
<!--jQuery Layer Slider -->
<script src="js/popper.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/owl.carousel.min.js"></script>
<script src="js/tmpl.js"></script>
<script src="js/jquery.dependClass-0.1.js"></script>
<script src="js/draggable-0.1.js"></script>
<script src="js/jquery.slider.js"></script>

<script src="js/wow.js"></script>
<script src="js/custom.js"></script>
<script src="numbervalidation.js"></script>
</body>

</html>
```

Index.php

```
<?php
ini_set('session.cache_limiter','public');
session_cache_limiter(false);
session_start();
include("config.php");

?>
<!DOCTYPE html>
<html lang="en">

<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<!-- Meta Tags -->
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<link rel="shortcut icon" href="images/favicon.ico">

<!-- Fonts
=====-->
<link
href="https://fonts.googleapis.com/css?family=Muli:400,400i,500,600,700&
;display=swap" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Comfortaa:400,700"
rel="stylesheet">

<!-- Css Link
=====-->
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
<link rel="stylesheet" type="text/css" href="css/color.css" id="color-
change">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css" href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">

<!-- Title
=====-->
<title>Real Estate Booking Management System</title>
</head>
<body>

<!-- Page Loader -->
<!--<div class="page-loader position-fixed z-index-9999 w-100 bg-white vh-
100">
    <div class="d-flex justify-content-center y-middle position-relative">
        <div class="spinner-border" role="status">
            <span class="sr-only">Loading...</span>
        </div>
    </div>
</div> -->
<!-- Page Loader -->

<div id="page-wrapper">
    <div class="row">
        <!-- Header start -->
        <?php include("include/header.php");?>
        <!-- Header end -->

        <!-- Banner Start -->
        <div class="overlay-black w-100 slider-banner1 position-relative"
style="background-image: url('images/banner/04.jpg'); background-size:
cover; background-position: center center; background-repeat: no-repeat;">
            <div class="container h-100">
                <div class="row h-100 align-items-center">
                    <div class="col-lg-12">
                        <div class="text-white">
                            <span class="text-primary float-right ">Buy And
Sell Property</span><br>
                            <span> </h1>

```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<h1 class="mb-4"><span class="text-
primary">Find</span><br>
    Your dream house</h1> <h1 class="mb-4">
    <form method="post" action="propertygrid.php">
    <div class="row">
    <div class="col-md-6 col-lg-2">
    <div class="form-group">
    <select class="form-control"
name="type">
    <option value="">Select
Type</option>
    <option
value="apartment">Apartment</option>
    <option
value="flat">Flat</option>
    <option
value="bungalow">Bungalow</option>
    <option
value="house">House</option>
    <option
value="villa">Villa</option>
    <option
value="office">Office</option>
    </select>
    </div>
    </div>
    <div class="col-md-6 col-lg-2">
    <div class="form-group">
    <select class="form-control"
name="stype">
    <option value="">Select
Status</option>
    <option
value="rent">Rent</option>
    <option
value="sale">Sale</option>
    </select>
    </div>
    </div>
    <div class="col-md-8 col-lg-6">
    <div class="form-group">
    <input type="text" class="form-control" name="location"
placeholder="Enter City or State" required>
    </div>
    </div>
    <div class="col-md-4 col-lg-2">
    <div class="form-group">
    <button type="submit"
name="filter" class="btn btn-primary w-100">Search Property</button>
    </div>
    </div>
    </div>
    </form>
    </div>
    </div>
    </div>
    </div>
    </div>
    </div>
    <!-- Banner End -->
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<!--      Text Block One
=====-->
<div class="full-row bg-gray">
  <div class="container">
    <div class="row">
      <div class="col-lg-12">
        <h2 class="text-secondary double-down-line text-
center mb-5">What We Do</h2></div>
      </div>
      <div class="text-box-one">
        <div class="row">
          <div class="col-lg-3 col-md-6">
            <div class="p-4 text-center hover-bg-white
hover-shadow rounded mb-4 transation-3s">
              <i class="flaticon-rent text-primary flat-
medium" aria-hidden="true"></i>
              <h5 class="text-secondary hover-text-
primary py-3 m-0"><a href="#">Selling Service</a></h5>
              <p>Lacinia tempor tortor nibh. Et mattis
cubilia suspendisse cras justo potenti.</p>
            </div>
          </div>
          <div class="col-lg-3 col-md-6">
            <div class="p-4 text-center hover-bg-white
hover-shadow rounded mb-4 transation-3s">
              <i class="flaticon-for-rent text-primary
flat-medium" aria-hidden="true"></i>
              <h5 class="text-secondary hover-text-
primary py-3 m-0"><a href="#">Rental Service</a></h5>
              <p>Lacinia tempor tortor nibh. Et mattis
cubilia suspendisse cras justo potenti.</p>
            </div>
          </div>
          <div class="col-lg-3 col-md-6">
            <div class="p-4 text-center hover-bg-white
hover-shadow rounded mb-4 transation-3s">
              <i class="flaticon-list text-primary flat-
medium" aria-hidden="true"></i>
              <h5 class="text-secondary hover-text-
primary py-3 m-0"><a href="#">Property Listing</a></h5>
              <p>Lacinia tempor tortor nibh. Et mattis
cubilia suspendisse cras justo potenti.</p>
            </div>
          </div>
          <div class="col-lg-3 col-md-6">
            <div class="p-4 text-center hover-bg-white
hover-shadow rounded mb-4 transation-3s">
              <i class="flaticon-diagram text-primary
flat-medium" aria-hidden="true"></i>
              <h5 class="text-secondary hover-text-
primary py-3 m-0"><a href="#">Legal Investment</a></h5>
              <p>Lacinia tempor tortor nibh. Et mattis
cubilia suspendisse cras justo potenti.</p>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<!-- Our Services -->

<!-- Recent Properties -->
<div class="full-row">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <h2 class="text-secondary double-down-line text-center mb-4">Recent Property</h2>
            </div>
            <!-- <div class="col-md-6">
                <ul class="nav property-btn float-right" id="pills-tab" role="tablist">
                    <li class="nav-item"> <a class="nav-link py-3 active" id="pills-home-tab" data-toggle="pill" href="#pills-home" role="tab" aria-controls="pills-home" aria-selected="true">New</a> </li>
                    <li class="nav-item"> <a class="nav-link py-3" id="pills-profile-tab" data-toggle="pill" href="#pills-profile" role="tab" aria-controls="pills-profile" aria-selected="false">Featured</a> </li>
                    <li class="nav-item"> <a class="nav-link py-3" id="pills-contact-tab2" data-toggle="pill" href="#pills-contact" role="tab" aria-controls="pills-contact" aria-selected="false">Top Sale</a> </li>
                    <li class="nav-item"> <a class="nav-link py-3" id="pills-contact-tab3" data-toggle="pill" href="#pills-restaurant" role="tab" aria-controls="pills-contact" aria-selected="false">Best Sale</a> </li>
                </ul>
            </div>
            <div class="col-md-12">
                <div class="tab-content mt-4" id="pills-tabContent">
                    <div class="tab-pane fade show active" id="pills-home" role="tabpanel" aria-labelledby="pills-home">
                        <div class="row">
                            <div class="col-md-6 col-lg-4">
                                <div class="featured-thumb zoomer mb-4">
                                    <div class="overlay-black overflow-hidden position-relative"> 
                                    <div class="featured bg-primary text-white">New</div>
                                    <div class="sale bg-secondary text-white text-capitalize">For <?php echo $row['5'];?></div>
                                    <div class="price text-primary"><b>&#8377;<?php echo $row['13'];?></b><span class="text-white"><?php echo $row['12'];?> Sqft</span></div>
                                </div>
                                <div class="featured-thumb-data shadow-one">
                                    <div class="p-3">
                                        <?php $query=mysqli_query($con,"SELECT property.*, user.username,user.utype,user.uimage FROM `property`,`user` WHERE property.uid=user.uid ORDER BY date DESC LIMIT 10");
                                        while($row=mysqli_fetch_array($query))
                                        {
                                            <div class="col-md-6 col-lg-4">
                                                <div class="featured-thumb zoomer mb-4">
                                                    <div class="overlay-black overflow-hidden position-relative"> 
                                                    <div class="featured bg-primary text-white">New</div>
                                                    <div class="sale bg-secondary text-white text-capitalize">For <?php echo $row['5'];?></div>
                                                    <div class="price text-primary"><b>&#8377;<?php echo $row['13'];?></b><span class="text-white"><?php echo $row['12'];?> Sqft</span></div>
                                                </div>
                                                <div class="featured-thumb-data shadow-one">
                                                    <div class="p-3">

```

```
<h5 class="text-  
secondary hover-text-primary mb-2 text-capitalize"><a  
href="propertydetail.php?pid=<?php echo $row['0'];?>"><?php echo  
$row['1'];?></a></h5>  
  
                <span class="location  
text-capitalize"><i class="fas fa-map-marker-alt text-primary"></i> <?php  
echo $row['14'];?>&nbsp;<?php echo $row['15'];?>  
  
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&PID::<?php echo $row['pid'];?></span> </div>  
        <div class="bg-gray  
quantity px-4 pt-4">  
  
            <ul>  
                <li><span><?php  
echo $row['12'];?></span> Sqft</li>  
                <li><span><?php  
echo $row['6'];?></span> Beds</li>  
                <li><span><?php  
echo $row['7'];?></span> Baths</li>  
                <li><span><?php  
echo $row['9'];?></span> Kitchen</li>  
                <li><span><?php  
echo $row['8'];?></span> Balcony</li>  
  
            </ul>  
        </div>  
    <div class="p-4 d-inline-  
block w-100">  
  
        <div class="float-left  
text-capitalize"><i class="fas fa-user text-primary mr-1"></i>By : <?php  
echo $row['uname'];?></div>  
  
        <div class="float-  
right"><i class="far fa-calendar-alt text-primary mr-1"></i> <?php  
$dateString = $row['date'];  
$dateTime = new DateTime($dateString);  
  
$formattedDate = $dateTime->format('jS F Y');  
echo $formattedDate;  
  
  
            </div>  
        </div>  
    </div>  
    </div>  
    </div>  
    <div class="p-4 d-inline-block w-100">  
        <div class="float-left  
text-capitalize"><i class="fas fa-user text-primary mr-1"></i>By : <?php  
echo $row['uname'];?></div>  
  
        <div class="float-  
right"><i class="far fa-calendar-alt text-primary mr-1"></i> <?php  
$dateString = $row['date'];  
$dateTime = new DateTime($dateString);  
  
$formattedDate = $dateTime->format('jS F Y');  
echo $formattedDate;  
  
?></div>  
  
            </div>  
        </div>  
    </div>  
    </div>  
    </div>  
    <div class="p-4 d-inline-block w-100">  
        <div class="float-left  
text-capitalize"><i class="fas fa-user text-primary mr-1"></i>By : <?php  
echo $row['uname'];?></div>  
  
        <div class="float-  
right"><i class="far fa-calendar-alt text-primary mr-1"></i> <?php  
$dateString = $row['date'];  
$dateTime = new DateTime($dateString);  
  
$formattedDate = $dateTime->format('jS F Y');  
echo $formattedDate;  
  
?></div>  
  
            </div>  
        </div>  
    </div>  
    </div>  
    </div>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<div class="full-row living bg-one overlay-secondary-half"
style="background-image: url('images/haddyliving.jpg'); background-size:
cover; background-position: center center; background-repeat: no-repeat;">
  <div class="container">
    <div class="row">
      <div class="col-md-12 col-lg-6">
        <div class="living-list pr-4">
          <h3 class="pb-4 mb-3 text-white">Why Choose
Us</h3>
          <ul>
            <li class="mb-4 text-white d-flex">
              <i class="flaticon-reward flat-medium
float-left d-table mr-4 text-primary" aria-hidden="true"></i>
              <div class="pl-2">
                <h5 class="mb-3">Experience
Quality</h5>
                <p>Ad non vivamus Elementum eget
fringilla venenatis quisque, maecenas adipiscing aliquet justo. Libero.
Gravida. Sapien, dolor nostra sem. Rutrum conubia inceptos egestas dolor
class.</p>
              </div>
            </li>
            <li class="mb-4 text-white d-flex">
              <i class="flaticon-real-estate flat-
medium float-left d-table mr-4 text-primary" aria-hidden="true"></i>
              <div class="pl-2">
                <h5 class="mb-3">Experience
Quality</h5>
                <p>Ad non vivamus Elementum eget
fringilla venenatis quisque, maecenas adipiscing aliquet justo. Libero.
Gravida. Sapien, dolor nostra sem. Rutrum conubia inceptos egestas dolor
class.</p>
              </div>
            </li>
            <li class="mb-4 text-white d-flex">
              <i class="flaticon-seller flat-medium
float-left d-table mr-4 text-primary" aria-hidden="true"></i>
              <div class="pl-2">
                <h5 class="mb-3">Experience
Quality</h5>
                <p>Ad non vivamus Elementum eget
fringilla venenatis quisque, maecenas adipiscing aliquet justo. Libero.
Gravida. Sapien, dolor nostra sem. Rutrum conubia inceptos egestas dolor
class.</p>
              </div>
            </li>
          </ul>
        </div>
      </div>
    </div>
  </div>
<!-- why choose us -->

<!-- How it work -->
<div class="full-row">
  <div class="container">
    <div class="row">
      <div class="col-lg-12">
```


REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<h2 class="text-secondary double-down-line text-
center mb-5">How It Work</h2>
</div>
</div>
<div class="row">
<div class="col-md-4">
<div class="icon-thumb-one text-center mb-5">
<div class="bg-primary text-white rounded-
circle position-absolute z-index-9">1</div>
<div class="left-arrow"><i class="flaticon-
investor flat-medium icon-primary" aria-hidden="true"></i></div>
<h5 class="text-secondary mt-5 mb-
4">Discussion</h5>
<p>Nascetur cubilia sociosqu aliquet ut elit
nascetur nullam dui tincidunt nisl non quisque vestibulum platea ornare
ridiculus.</p>
</div>
</div>
<div class="col-md-4">
<div class="icon-thumb-one text-center mb-5">
<div class="bg-primary text-white rounded-
circle position-absolute z-index-9">2</div>
<div class="left-arrow"><i class="flaticon-
search flat-medium icon-primary" aria-hidden="true"></i></div>
<h5 class="text-secondary mt-5 mb-4">Files
Review</h5>
<p>Nascetur cubilia sociosqu aliquet ut elit
nascetur nullam dui tincidunt nisl non quisque vestibulum platea ornare
ridiculus.</p>
</div>
</div>
<div class="col-md-4">
<div class="icon-thumb-one text-center mb-5">
<div class="bg-primary text-white rounded-
circle position-absolute z-index-9">3</div>
<div><i class="flaticon-handshake flat-medium
icon-primary" aria-hidden="true"></i></div>
<h5 class="text-secondary mt-5 mb-
4">Acquire</h5>
<p>Nascetur cubilia sociosqu aliquet ut elit
nascetur nullam dui tincidunt nisl non quisque vestibulum platea ornare
ridiculus.</p>
</div>
</div>
</div>
</div>
<!-- How It Work -->
<!-- Achievement
=====>
<div class="full-row overlay-secondary" style="background-image:
url('images/counterbg.jpg'); background-size: cover; background-position:
center center; background-repeat: no-repeat;">
<div class="container">
<div class="fact-counter">
<div class="row">
<div class="col-md-3">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<div class="count wow text-center mb-sm-50"
data-wow-duration="300ms"> <i class="flaticon-house flat-large text-white"
aria-hidden="true"></i>

<?php
$query=mysqli_query($con,"SELECT
count(pid) FROM property");

while($row=mysqli_fetch_array($query))
{
    ?>
    <div class="count-num text-primary my-4"
data-speed="3000" data-stop="<?php
$total = $row[0];
echo $total;?>">0</div>

    <?php } ?>
    <div class="text-white h5">Property
Available</div>

</div>
</div>
<div class="col-md-3">
    <div class="count wow text-center mb-sm-50"
data-wow-duration="300ms"> <i class="flaticon-house flat-large text-white"
aria-hidden="true"></i>

    <?php
        $query=mysqli_query($con,"SELECT
count(pid) FROM property where stype='sale'");

while($row=mysqli_fetch_array($query))
{
    ?>
    <div class="count-num text-primary my-4"
data-speed="3000" data-stop="<?php
$total = $row[0];
echo $total;?>">0</div>

    <?php } ?>
    <div class="text-white h5">Sale Property
Available</div>

</div>
</div>
<div class="col-md-3">
    <div class="count wow text-center mb-sm-50"
data-wow-duration="300ms"> <i class="flaticon-house flat-large text-white"
aria-hidden="true"></i>

    <?php
        $query=mysqli_query($con,"SELECT
count(pid) FROM property where stype='rent'");

while($row=mysqli_fetch_array($query))
{
    ?>
    <div class="count-num text-primary my-4"
data-speed="3000" data-stop="<?php
$total = $row[0];
echo $total;?>">0</div>

    <?php } ?>
    <div class="text-white h5">Rent Property
Available</div>

</div>
</div>
<div class="col-md-3">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

        <div class="count wow text-center mb-sm-50"
data-wow-duration="300ms"> <i class="flaticon-man flat-large text-white"
aria-hidden="true"></i>

        <?php
            $query=mysqli_query($con, "SELECT
count(uid) FROM user");

while($row=mysqli_fetch_array($query))
        {
            ?>
            <div class="count-num text-primary my-4"
data-speed="3000" data-stop="<?php
            $total = $row[0];
            echo $total;?>">0</div>

            <?php } ?>
            <div class="text-white h5">Registered
Users</div>

        </div>
    </div>

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

    <!-- Popular Place -->
    <div class="full-row bg-gray">
        <div class="container">
            <div class="row">
                <div class="col-lg-12">
                    <h2 class="text-secondary double-down-line text-
center mb-5">Popular Places</h2></div>
                </div>
                <div class="col-lg-12">
                    <div class="row">
                        <div class="col-md-6 col-lg-3 pb-1">
                            <div class="overflow-hidden position-relative
overlay-secondary hover-zoomer mx-n13 z-index-9"> 
                            <div class="text-white xy-center z-index-9
position-absolute text-center w-100">
                                <?php
                                    $query=mysqli_query($con, "SELECT
count(state), property.* FROM property where state='gujarat'");

while($row=mysqli_fetch_array($query))
                            {
                                ?>
                                <h4 class="hover-text-primary text-
capitalize"><a href="stateproperty.php?id=<?php echo $row['17']?>"><?php
echo $row['state'];?></a></h4>
                                <span><?php
                                    $total = $row[0];
                                    echo $total;?> Properties
Listed</span> </div>
                                <?php } ?>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<div class="overflow-hidden position-relative
overlay-secondary hover-zoomer mx-n13 z-index-9"> 
<div class="text-white xy-center z-index-9
position-absolute text-center w-100">
<?php
$query=mysqli_query($con,"SELECT
count(state), property.* FROM property where state='maharashtra'");
while($row=mysqli_fetch_array($query))
{
    ?>
    <h4 class="hover-text-primary text-
capitalize"><a href="stateproperty.php?id=<?php echo $row['17'] ?>"><?php
echo $row['state'];?></a></h4>
    <span><?php
        $total = $row[0];
        echo $total;?> Properties
Listed</span> </div>
    <?php } ?>
</div>
</div>
<div class="col-md-6 col-lg-3 pb-1">
<div class="overflow-hidden position-relative
overlay-secondary hover-zoomer mx-n13 z-index-9"> 
<div class="text-white xy-center z-index-9
position-absolute text-center w-100">
<?php
$query=mysqli_query($con,"SELECT
count(state), property.* FROM property where state='Karnataka'");
while($row=mysqli_fetch_array($query))
{
    ?>
    <h4 class="hover-text-primary text-
capitalize"><a href="stateproperty.php?id=<?php echo $row['17'] ?>"><?php
echo $row['state'];?></a></h4>
    <span><?php
        $total = $row[0];
        echo $total;?> Properties
Listed</span> </div>
    <?php } ?>
</div>
</div>
<div class="col-md-6 col-lg-3 pb-1">
<div class="overflow-hidden position-relative
overlay-secondary hover-zoomer mx-n13 z-index-9"> 
<div class="text-white xy-center z-index-9
position-absolute text-center w-100">
<?php
$query=mysqli_query($con,"SELECT
count(state), property.* FROM property where state='Delhi'");
while($row=mysqli_fetch_array($query))
{
    ?>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

<h4 class="hover-text-primary text-
capitalize"><a href="stateproperty.php?id=<?php echo $row['17']?>"><?php
echo $row['state'];?></a></h4>

<span><?php
$total = $row[0];
echo $total;?> Properties
Listed</span> </div>

<?php } ?>

</div>
</div>
</div>
</div>
</div>
</div>
<!-- Popular Places -->

<!-- Testimonial -->
<div class="full-row">
<div class="container">
<div class="row">
<div class="col-lg-12">
<div class="content-sidebar p-4">
<div class="mb-3 col-lg-12">
<h4 class="double-down-line-left text-
secondary position-relative pb-4 mb-4">Testimonial</h4>
<div class="recent-review owl-carousel
owl-dots-gray owl-dots-hover-primary">

<?php

$query=mysqli_query($con,"select feedback.*, user.* from feedback,user
where feedback.uid=user.uid and feedback.status='1'");

while($row=mysqli_fetch_array($query))
{
    <div class="item">
        <div class="p-4 bg-primary
down-angle-white position-relative">
            <p class="text-white"><i
class="fas fa-quote-left mr-2 text-white"></i><?php echo $row['2']; ?>. <i
class="fas fa-quote-right mr-2 text-white"></i></p>
            </div>
            <div class="p-2 mt-4">
                <span class="text-primary
d-table text-capitalize"><?php echo $row['uname']; ?></span> <span
class="text-capitalize"><?php echo $row['utype']; ?></span>
            </div>
        </div>
    </div>
    <?php } ?>

</div>
</div>
</div>
</div>
</div>
</div>
<!-- Testimonial -->

```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<!-- Footer start-->
<?php include("include/footer.php");?>
<!-- Footer start-->

<!-- Scroll to top -->
<a href="#" class="bg-primary text-white hover-text-secondary"
id="scroll"><i class="fas fa-angle-up"></i></a>
<!-- End Scroll To top -->
</div>
</div>
<!-- Wrapper End -->

<!-- Js Link
=====-->
<script src="js/jquery.min.js"></script>
<!--jQuery Layer Slider -->
<script src="js/greensock.js"></script>
<script src="js/layerlider.transitions.js"></script>
<script src="js/layerlider.kreaturamedia.jquery.js"></script>
<!--jQuery Layer Slider -->
<script src="js/popper.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/owl.carousel.min.js"></script>
<script src="js/tmpl.js"></script>
<script src="js/jquery.dependClass-0.1.js"></script>
<script src="js/draggable-0.1.js"></script>
<script src="js/jquery.slider.js"></script>
<script src="js/wow.js"></script>
<script src="js/YouTubePopUp.jquery.js"></script>
<script src="js/validate.js"></script>
<script src="js/jquery.cookie.js"></script>
<script src="js/custom.js"></script>
</body>

</html>
```

Profile.php

```
<?php
ini_set('session.cache_limiter','public');
session_cache_limiter(false);
session_start();
include("config.php");
if(!isset($_SESSION['uemail']))
{
    header("location:login.php");
}

//////// code
$error='';
$msg='';
if(isset($_POST['insert']))
{
    $name=$_POST['name'];
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
$phone=$_POST['phone'];

$content=$_POST['content'];

$uid=$_SESSION['uid'];

if(!empty($name) && !empty($phone) && !empty($content))
{

    $sql="INSERT INTO feedback (uid,fdescription,status) VALUES
('$uid','$content','0')";
    $result=mysqli_query($con, $sql);
    if($result){
        $msg = "<p class='alert alert-success'>Feedback Send
Successfully</p> ";
    }
    else{
        $error = "<p class='alert alert-warning'>Feedback Not Send
Successfully</p> ";
    }
}
else{
    $error = "<p class='alert alert-warning'>Please Fill all the
fields</p>";
}
}
?>
<!DOCTYPE html>
<html lang="en">

<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">

<!-- Meta Tags -->
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<link rel="shortcut icon" href="images/favicon.ico">

<!-- Fonts
=====-->
<link
href="https://fonts.googleapis.com/css?family=Muli:400,400i,500,600,700&am
p;display=swap" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Comfortaa:400,700"
rel="stylesheet">

<!-- Css Link
=====-->
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
<link rel="stylesheet" type="text/css" href="css/color.css">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css" href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/login.css">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<!-- Title
=====-->
<title>Real Estate Booking Management System</title>
</head>
<body>

<!-- Page Loader
=====
<div class="page-loader position-fixed z-index-9999 w-100 bg-white vh-100">
  <div class="d-flex justify-content-center y-middle position-relative">
    <div class="spinner-border" role="status">
      <span class="sr-only">Loading...</span>
    </div>
  </div>
</div>
-->

<div id="page-wrapper">
  <div class="row">
    <!-- Header start -->
    <?php include("include/header.php");?>
    <!-- Header end -->

    <!-- Banner --->
    <div class="banner-full-row page-banner" style="background-
image:url('images/breadcromb.jpg');">
      <div class="container">
        <div class="row">
          <div class="col-md-6">
            <h2 class="page-name float-left text-white text-
uppercase mt-1 mb-0"><b>Profile</b></h2>
          </div>
          <div class="col-md-6">
            <nav aria-label="breadcrumb" class="float-left
float-md-right">
              <ol class="breadcrumb bg-transparent m-0 p-0">
                <li class="breadcrumb-item text-white"><a
href="index.php">Home</a></li>
                <li class="breadcrumb-item
active">Profile</li>
              </ol>
            </nav>
          </div>
        </div>
      </div>
    <!-- Banner --->

    <!-- Submit property -->
    <div class="full-row">
      <div class="container">
        <div class="row">
          <div class="col-lg-12">
            <h2 class="text-secondary double-down-line
text-center">Profile</h2>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```


REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<div class="dashboard-personal-info p-5 bg-white">
  <form action="#" method="post">
    <h5 class="text-secondary border-bottom-on-white
pb-3 mb-4">Feedback Form</h5>
    <?php echo $msg; ?><?php echo $error; ?>
    <div class="row">
      <div class="col-lg-6 col-md-12">
        <div class="form-group">
          <label for="user-id">Name</label>
          <input type="text" name="name"
class="form-control" placeholder="Enter Name">
        </div>

        <div class="form-group">
          <label for="phone">Phone Number</label>
          <input type="text" name="phone"
class="form-control" placeholder="Enter Phone" maxlength="10">
        </div>

        <div class="form-group">
          <label for="about-
me">Description</label>
          <textarea class="form-control"
name="content" rows="7" placeholder="Enter Description"></textarea>
        </div>
        <input type="submit" class="btn btn-primary
mb-4" name="insert" value="Send">
      </div>
    </form>
    <div class="col-lg-1"></div>
    <div class="col-lg-5 col-md-12">
      <?php
        $uid=$_SESSION['uid'];
        $query=mysqli_query($con,"SELECT * FROM
`user` WHERE uid='$uid'");
        while($row=mysqli_fetch_array($query))
        {
          <div class="user-info mt-md-50"> 
          <div class="mb-4 mt-3">

          </div>

          <div class="font-18">
            <div class="mb-1 text-
capitalize"><b>Name:</b> <?php echo $row['1'];?></div>
            <div class="mb-1 text-
capitalize"><b>Email:</b> <?php echo $row['2'];?></div>
            <div class="mb-1 text-
capitalize"><b>Phone:</b> <?php echo $row['3'];?></div>
            <div class="mb-1 text-
capitalize"><b>Role:</b> <?php echo $row['utype'];?></div>
          </div>
        <?php } ?>
      </div>
    </div>
  </div>
</div>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
        </div>
    </div>
    <!-- Submit property -->

    <!-- Footer start-->
    <?php include("include/footer.php");?>
    <!-- Footer start-->

    <!-- Scroll to top -->
    <a href="#" class="bg-secondary text-white hover-text-secondary"
id="scroll"><i class="fas fa-angle-up"></i></a>
    <!-- End Scroll To top -->
</div>
</div>
<!-- Wrapper End -->

<!-- Js Link
=====-->
<script src="js/jquery.min.js"></script>
<!--jQuery Layer Slider -->
<script src="js/greensock.js"></script>
<script src="js/layerlider.transitions.js"></script>
<script src="js/layerlider.kreaturamedia.jquery.js"></script>
<!--jQuery Layer Slider -->
<script src="js/popper.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/owl.carousel.min.js"></script>
<script src="js/tmpl.js"></script>
<script src="js/jquery.dependClass-0.1.js"></script>
<script src="js/draggable-0.1.js"></script>
<script src="js/jquery.slider.js"></script>
<script src="js/wow.js"></script>
<script src="js/custom.js"></script>
</body>
</html>
```

About.php

```
<?php
ini_set('session.cache_limiter','public');
session_cache_limiter(false);
session_start();
include("config.php");
?>
<!DOCTYPE html>
<html lang="en">

<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<!-- Meta Tags -->
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="description" content="Homex template">
<meta name="keywords" content="">
<meta name="author" content="Unicodeer">
<link rel="shortcut icon" href="images/favicon.ico">

<!-- Fonts -->
<link
href="https://fonts.googleapis.com/css?family=Muli:400,400i,500,600,700&
;display=swap" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Comfortaa:400,700"
rel="stylesheet">

<!-- Css Link -->
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
<link rel="stylesheet" type="text/css" href="css/color.css" id="color-
change">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css" href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">

<!-- Title -->
<title>Real Estate Booking Management System</title>
</head>
<body>

<!-- Page Loader -->
<!-- <div class="page-loader position-fixed z-index-9999 w-100 bg-white vh-
100">
    <div class="d-flex justify-content-center y-middle position-relative">
        <div class="spinner-border" role="status">
            <span class="sr-only">Loading...</span>
        </div>
    </div>
</div> -->

<div id="page-wrapper">
    <div class="row">
        <!-- Header start -->
        <?php include("include/header.php");?>
        <!-- Header end -->

        <!-- Banner ---->
        <div class="banner-full-row page-banner" style="background-
image:url('images/breadcromb.jpg');">
            <div class="container">
                <div class="row">
                    <div class="col-md-6">
                        <h2 class="page-name float-left text-white text-
uppercase mt-1 mb-0"><b>About US</b></h2>
                    </div>
                    <div class="col-md-6">
                        <nav aria-label="breadcrumb" class="float-left
float-md-right">
                            <ol class="breadcrumb bg-transparent m-0 p-0">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

                                <li class="breadcrumb-item text-white"><a
href="index.php">Home</a></li>
                                <li class="breadcrumb-item active">About
Us</li>
                                </ol>
                            </nav>
                        </div>
                    </div>
                </div>
            </div>
            <!-- Banner ---->

            <!-- About Our Company -->
            <div class="full-row">
                <div class="container">

                    <?php

                        $query=mysqli_query($con,"SELECT * FROM about");
                        while($row=mysqli_fetch_array($query))
                        {
                            ?>
                            <div class="row">
                                <div class="col-md-12 col-lg-12">
                                    <h3 class="double-down-line-left text-secondary
position-relative pb-4 mb-4"><?php echo $row['1'];?></h3>
                                </div>
                                </div>
                                <div class="row about-company">
                                    <div class="col-md-12 col-lg-7">
                                        <div class="about-content">
                                            <?php echo $row['2'];?>
                                        </div>
                                    </div>
                                    <div class="col-md-12 col-lg-5 mt-5">
                                        <div class="about-img">  </div>
                                        </div>
                                    </div>

                                <?php } ?>

                            </div>
                        </div>
                        <!-- About Our Company -->

                        <!-- Footer start-->
                        <?php include("include/footer.php");?>
                        <!-- Footer start-->

                        <!-- Scroll to top -->
                        <a href="#" class="bg-secondary text-white hover-text-secondary"
id="scroll"><i class="fas fa-angle-up"></i></a>
                        <!-- End Scroll To top -->
                    </div>
                </div>
            <!-- Wrapper End -->

            <!-- Js Link
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
=====-->
<script src="js/jquery.min.js"></script>
<!--jQuery Layer Slider -->
<script src="js/greensock.js"></script>
<script src="js/layerslider.transitions.js"></script>
<script src="js/layerslider.kreaturamedia.jquery.js"></script>
<!--jQuery Layer Slider -->
<script src="js/popper.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/owl.carousel.min.js"></script>
<script src="js/tmpl.js"></script>
<script src="js/jquery.dependClass-0.1.js"></script>
<script src="js/draggable-0.1.js"></script>
<script src="js/jquery.slider.js"></script>
<script src="js/wow.js"></script>
<script src="js/jquery.cookie.js"></script>
<script src="js/custom.js"></script>
</body>

</html>
```

Property.php

```
<?php
ini_set('session.cache_limiter', 'public');
session_cache_limiter(false);
session_start();
include("config.php");
///code
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
    <!-- Meta Tags -->
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="description" content="Homex template">
    <meta name="keywords" content="">
    <meta name="author" content="Unicoder">
    <link rel="shortcut icon" href="images/favicon.ico">
    <!-- Fonts
=====-->
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<link
href="https://fonts.googleapis.com/css?family=Muli:400,400i,500,600,700&
;display=swap" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Comfortaa:400,700"
rel="stylesheet">
<!--    Css Link
=====-->
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
<link rel="stylesheet" type="text/css" href="css/color.css" id="color-
change">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css"
href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">
<style>
    .font-14 {

        display: block;
        white-space: nowrap;
        overflow: hidden;
        text-overflow: ellipsis;

    }
</style>
<!--    Title
=====-->
<title>Homex - Real Estate Bookin Management System</title>
</head>
<body>
    <!--    Page Loader
=====
<div class="page-loader position-fixed z-index-9999 w-100 bg-white vh-100">
    <div class="d-flex justify-content-center y-middle position-relative">
        <div class="spinner-border" role="status">
            <span class="sr-only">Loading...</span>
        </div>
    </div>
</div>
-->
    <div id="page-wrapper">
        <div class="row">
            <!--    Header start    -->
            <?php include("include/header.php"); ?>
            <!--    Header end    -->
            <!--    Banner    --->
            <div class="banner-full-row page-banner" style="background-
image:url('images/breadcromb.jpg');">
                <div class="container">
                    <div class="row">
                        <div class="col-md-6">
                            <h2 class="page-name float-left text-white
text-uppercase mt-1 mb-0"><b>Property Grid</b></h2>
                        </div>
                        <div class="col-md-6">
                            <nav aria-label="breadcrumb" class="float-left
float-md-right">
                                <ol class="breadcrumb bg-transparent m-0 p-
0">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

                                <li class="breadcrumb-item text-
white"><a href="index.php">Home</a></li>
                                <li class="breadcrumb-item
active">Property Grid</li>
                                </ol>
                                </nav>
                                </div>
                                </div>
                                </div>
                                </div>
                                <!-- Banner ---->
                                <!-- Property Grid
=====-->
                                <div class="full-row">
                                    <div class="container">
                                        <div class="row">
                                            <div class="col-lg-8">
                                                <div class="row">
                                                    <?php
$query = mysqli_query($con, "SELECT property.*, user.username FROM property
INNER JOIN user ON property.uid=user.uid");
while ($row = mysqli_fetch_array($query)) {
    <?>
        <div class="col-md-6">
            <div class="featured-thumb hover-zoomer mb-4">
                <div class="overlay-black overflow-hidden position-relative">
                    
                    <div class="sale bg-secondary text-white">For <?php echo
$row['5']; ?> </div>
                    <div class="price text-primary text-
capitalize">&#8377;<?php echo $row['13']; ?> <span class="text-white"><?php
echo $row['12']; ?> Sqft</span></div>
                    </div>
                    <div class="featured-thumb-data shadow-one">
                        <div class="p-4">
                            <h5 class="text-secondary hover-text-primary mb-2 text-
capitalize"><a href="propertydetail.php?pid=<?php echo $row['0']; ?>"><?php
echo $row['1']; ?></a></h5>
                            <span class="location text-capitalize"><i class="fas
fa-map-marker-alt text-primary"></i> <?php echo $row['14']; ?> <?php echo
$row['15']; ?>&nbsp;&nbsp; PID: <?php echo $row['pid']; ?></span>
                            </div>
                            <div class="px-4 pb-4 d-inline-block w-100">
                                <div class="float-left text-capitalize"><i class="fas
fa-user text-primary mr-1"></i>By : <?php echo $row['uname']; ?></div>
                                <div class="float-right"><i class="far fa-calendar-alt
text-primary mr-1"></i> <?php
$dateString = $row['date'];

$dateTime = new DateTime($dateString);

$formattedDate = $dateTime->format('jS F Y');

echo $formattedDate;

?></div>
                                </div>
                                <div class="px-4 pb-4">

```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

        <!-- Button linking to checkout page with PID as
parameter -->
        <a class="btn btn-primary"
href="propertydetail.php?pid=<?php echo $row['pid']; ?>">Purchase</a>
    </div>
</div>
</div>
</div>
<?php } ?>

    </div>
</div>
<div class="col-lg-4">
    <div class="sidebar-widget">
        <h4 class="double-down-line-left text-
secondary position-relative pb-4 my-4">Instalment Calculator</h4>
        <form class="d-inline-block w-100"
action="calc.php" method="post">
            <label class="sr-only">Property
Amount</label>
            <div class="input-group mb-2 mr-sm-2">
                <div class="input-group-prepend">
                    <div class="input-group-text">
                        &#8377;</div>
                    </div>
                    <input type="text" class="form-
control" name="amount" placeholder="Property Price" Required>
                </div>
                <label class="sr-only">Month</label>
                <div class="input-group mb-2 mr-sm-2">
                    <div class="input-group-prepend">
                        <div class="input-group-
text"><i class="far fa-calendar-alt"></i></div>
                    </div>
                    <input type="text" class="form-
control" name="month" placeholder="Duration Year" Required>
                </div>
                <label class="sr-only">Interest
Rate</label>
                <div class="input-group mb-2 mr-sm-2">
                    <div class="input-group-prepend">
                        <div class="input-group-
text">%</div>
                    </div>
                    <input type="text" class="form-
control" name="interest" placeholder="Interest Rate" Required>
                </div>
                <button type="submit" value="submit"
name="calc" class="btn btn-primary mt-4">Calclute Instalment</button>
            </form>
        </div>
        <div class="sidebar-widget mt-5">
            <h4 class="double-down-line-left text-
secondary position-relative pb-4 mb-4">Recent Property Add</h4>
            <ul class="property_list_widget">
                <?php
                    $query = mysqli_query($con, "SELECT *
FROM `property` ORDER BY date DESC LIMIT 5");
                    while ($row =
mysqli_fetch_array($query)) {
                        ?>

```


REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
</li> 
                                <h6 class="text-secondary
hover-text-primary text-capitalize"><a href="propertydetail.php?pid=<?php
echo $row['0']; ?>"><?php echo $row['1']; ?></a></h6>
                                <span class="font-14"><i
class="fas fa-map-marker-alt icon-primary icon-small"></i> <?php echo
$row['14']; ?></span>
                                </li>
                                <?php } ?>
                                </ul>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>
                                <!-- Footer start-->
                                <?php include("include/footer.php"); ?>
                                <!-- Footer start-->
                                <!-- Scroll to top -->
                                <a href="#" class="bg-secondary text-white hover-text-
secondary" id="scroll"><i class="fas fa-angle-up"></i></a>
                                <!-- End Scroll To top -->
                                </div>
                                </div>
                                <!-- Wrapper End -->
                                <!-- Js Link
=====-->
                                <script src="js/jquery.min.js"></script>
                                <!--jQuery Layer Slider -->
                                <script src="js/greensock.js"></script>
                                <script src="js/layerlider.transitions.js"></script>
                                <script src="js/layerlider.kreaturamedia.jquery.js"></script>
                                <!--jQuery Layer Slider -->
                                <script src="js/popper.min.js"></script>
                                <script src="js/bootstrap.min.js"></script>
                                <script src="js/owl.carousel.min.js"></script>
                                <script src="js/tmpl.js"></script>
                                <script src="js/jquery.dependClass-0.1.js"></script>
                                <script src="js/draggable-0.1.js"></script>
                                <script src="js/jquery.slider.js"></script>
                                <script src="js/wow.js"></script>
                                <script src="js/custom.js"></script>
</body>
</html>
```

Transactionshow.php

```
<?php
// Set the default time zone to UTC
date_default_timezone_set('UTC');
include("config.php");
// Check if the user is logged in and retrieve their user ID
session_start();
if (isset($_SESSION['uid'])) {
    $uid = $_SESSION['uid'];
} else {
    header("Location: login.php");
    exit();
}
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
}
if (isset($_GET['query'])) {
    // Sanitize the search query
    $search_query = mysqli_real_escape_string($con, $_GET['query']);
    // Query the database with the search query
    $query = mysqli_query($con, "SELECT property.pid, property.*,
user.uname,
    CASE
        WHEN COUNT(purchase_property.pid) > 1 THEN 'Multiple Invoices'
        ELSE 'Single Invoice'
    END AS invoice_label,
    GROUP_CONCAT(CONVERT_TZ(purchase_property.purchase_time, 'UTC',
'Asia/Kolkata') SEPARATOR ', ') AS ist_purchase_times
FROM user
INNER JOIN purchase_property ON user.uid = purchase_property.user_uid
LEFT JOIN property ON purchase_property.pid = property.pid
WHERE user.uid = '$uid' AND (purchase_property.transaction_id LIKE
'%"$search_query%" OR purchase_property.invoicenumner LIKE
'%"$search_query%"')
GROUP BY property.pid");
} else {
    // Query all invoices if no search query is provided
    $query = mysqli_query($con, "SELECT property.pid, property.*,
user.uname,
    CASE
        WHEN COUNT(purchase_property.pid) > 1 THEN 'Multiple Invoices'
        ELSE 'Single Invoice'
    END AS invoice_label,
    GROUP_CONCAT(CONVERT_TZ(purchase_property.purchase_time, 'UTC',
'Asia/Kolkata') SEPARATOR ', ') AS ist_purchase_times
FROM user
INNER JOIN purchase_property ON user.uid = purchase_property.user_uid
LEFT JOIN property ON purchase_property.pid = property.pid
WHERE user.uid = '$uid'
GROUP BY property.pid");
}
// Check for errors
if (!$query) {
    echo "Error: " . mysqli_error($con);
    exit;
}
// Continue with displaying the table
// Check if any invoices are found
if (mysqli_num_rows($query) > 0) {
} else {
    // No properties found, redirect to index.php with an alert
    echo "<script>alert('No properties found.');
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
    font-family: Arial, sans-serif;
    background-color: #f8f9fa;
    margin: 0;
    padding: 0;
}
.container {
    max-width: 800px;
    margin: 20px auto;
    padding: 20px;
    background-color: #fff;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
h2 {
    text-align: center;
    margin-bottom: 20px;
}
.search-form {
    margin-bottom: 20px;
    text-align: center;
}
.search-form input[type="text"] {
    padding: 10px;
    border-radius: 4px;
    border: 1px solid #ced4da;
    margin-right: 10px;
    width: 60%;
    max-width: 300px;
}
.search-form button {
    padding: 10px 20px;
    border: none;
    background-color: #007bff;
    color: #fff;
    border-radius: 4px;
    cursor: pointer;
}
.search-form button:hover {
    background-color: #0056b3;
}
.invoice-list {
    list-style: none;
    padding: 0;
}
.invoice-item {
    margin-bottom: 10px;
    background-color: #f9f9f9;
    border: 1px solid #ddd;
    border-radius: 4px;
    overflow: hidden;
}
.invoice-link {
    display: block;
    padding: 10px;
    text-decoration: none;
    color: #333;
}
.invoice-link:hover {
    background-color: #f0f0f0;
}
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
.label {
    background-color: #ffc107;
    color: #333;
    padding: 4px 8px;
    margin-left: 10px;
    border-radius: 4px;
}
</style>
</head>
<body>
    <div class="container">
        <h2>Property Invoices</h2>
        <!-- Search Form -->
        <form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]); ?>" method="GET" class="search-
form">
            <input type="text" id="search" name="query"
placeholder="Search by Transaction or Invoice Number" value="<?php echo
isset($_GET['query']) ? htmlspecialchars($_GET['query']) : ''; ?>">
            <button type="submit">Search</button>
        </form>
        <?php if (mysqli_num_rows($query) > 0) { ?>
            <ul class="invoice-list">
                <?php while ($row = mysqli_fetch_array($query)) { ?>
                    <li class="invoice-item">
                        <a href="invoice.php?pid=<?php echo
$row['pid']; ?>" class="invoice-link">
                            <?php echo $row['title']; ?>
                            <?php if (!empty($row['invoice_label'])) {
?>
                                <span class="label"><?php echo
$row['invoice_label']; ?></span>
                            <?php } ?>
                        </a>
                    </li>
                <?php } ?>
            </ul>
            <?php } else { ?>
                <p>No property invoices found.</p>
            <?php } ?>
        </div>
    </body>
</html>
<?php ?>
```

Profile.php

```
<?php
ini_set('session.cache_limiter','public');
session_cache_limiter(false);
session_start();
include("config.php");
if(!isset($_SESSION['uemail']))
{
    header("location:login.php");
}
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
//////// code
$error='';
$msg='';
if(isset($_POST['insert']))
{
    $name=$_POST['name'];
    $phone=$_POST['phone'];

    $content=$_POST['content'];

    $uid=$_SESSION['uid'];

    if(!empty($name) && !empty($phone) && !empty($content))
    {

        $sql="INSERT INTO feedback (uid,fdescription,status) VALUES
('$uid', '$content', '0')";
        $result=mysqli_query($con, $sql);
        if($result){
            $msg = "<p class='alert alert-success'>Feedback Send
Successfully</p> ";
        }
        else{
            $error = "<p class='alert alert-warning'>Feedback Not Send
Successfully</p> ";
        }
    }else{
        $error = "<p class='alert alert-warning'>Please Fill all the
fields</p>";
    }
}
?>
<!DOCTYPE html>
<html lang="en">

<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-
to-fit=no">

<!-- Meta Tags -->
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<link rel="shortcut icon" href="images/favicon.ico">

<!-- Fonts
=====-->
<link
href="https://fonts.googleapis.com/css?family=Muli:400,400i,500,600,700&
;display=swap" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Comfortaa:400,700"
rel="stylesheet">

<!-- Css Link
=====-->
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<link rel="stylesheet" type="text/css" href="css/color.css">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css" href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/login.css">

<!-- Title
=====
<title>Real Estate Booking Management System</title>
</head>
<body>

<!-- Page Loader
=====
<div class="page-loader position-fixed z-index-9999 w-100 bg-white vh-100">
    <div class="d-flex justify-content-center y-middle position-relative">
        <div class="spinner-border" role="status">
            <span class="sr-only">Loading...</span>
        </div>
    </div>
</div>
-->

<div id="page-wrapper">
    <div class="row">
        <!-- Header start -->
        <?php include("include/header.php");?>
        <!-- Header end -->

        <!-- Banner --->
        <div class="banner-full-row page-banner" style="background-
image:url('images/breadcromb.jpg');">
            <div class="container">
                <div class="row">
                    <div class="col-md-6">
                        <h2 class="page-name float-left text-white text-
uppercase mt-1 mb-0"><b>Profile</b></h2>
                    </div>
                    <div class="col-md-6">
                        <nav aria-label="breadcrumb" class="float-left
float-md-right">
                            <ol class="breadcrumb bg-transparent m-0 p-0">
                                <li class="breadcrumb-item text-white"><a
href="index.php">Home</a></li>
                                <li class="breadcrumb-item
active">Profile</li>
                            </ol>
                        </nav>
                    </div>
                </div>
            </div>
        </div>
        <!-- Banner --->

        <!-- Submit property -->
        <div class="full-row">
            <div class="container">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<div class="row">
  <div class="col-lg-12">
    <h2 class="text-secondary double-down-line
text-center">Profile</h2>
    </div>
  </div>
</div>
<div class="dashboard-personal-info p-5 bg-white">
  <form action="#" method="post">
    <h5 class="text-secondary border-bottom-on-white
pb-3 mb-4">Feedback Form</h5>
    <?php echo $msg; ?><?php echo $error; ?>
    <div class="row">
      <div class="col-lg-6 col-md-12">
        <div class="form-group">
          <label for="user-id">Name</label>
          <input type="text" name="name"
class="form-control" placeholder="Enter Name">
        </div>
        <div class="form-group">
          <label for="phone">Phone Number</label>
          <input type="text" name="phone"
class="form-control" placeholder="Enter Phone" maxlength="10">
        </div>
        <div class="form-group">
          <label for="about-
me">Description</label>
          <textarea class="form-control"
name="content" rows="7" placeholder="Enter Description"></textarea>
          <input type="submit" class="btn btn-primary
mb-4" name="insert" value="Send">
        </div>
      </div>
    </form>
    <div class="col-lg-1"></div>
    <div class="col-lg-5 col-md-12">
      <?php
        $uid=$_SESSION['uid'];
        $query=mysqli_query($con,"SELECT * FROM
`user` WHERE uid='$uid'");
        while($row=mysqli_fetch_array($query))
        {
          <div class="user-info mt-md-50"> 
          <div class="mb-4 mt-3">
            </div>
            <div class="font-18">
              <div class="mb-1 text-
capitalize"><b>Name:</b> <?php echo $row['1'];?></div>
              <div class="mb-1 text-
capitalize"><b>Email:</b> <?php echo $row['2'];?></div>
              <div class="mb-1 text-
capitalize"><b>Phone:</b> <?php echo $row['3'];?></div>
              <div class="mb-1 text-
capitalize"><b>Role:</b> <?php echo $row['utype'];?></div>
            </div>
          </div>
        }
      </div>
    </div>
  </div>
</div>
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

                                <?php } ?>
                            </div>
                        </div>
                    </div>
                </div>
            <!-- Submit property -->

            <!-- Footer start-->
            <?php include("include/footer.php");?>
            <!-- Footer start-->

            <!-- Scroll to top -->
            <a href="#" class="bg-secondary text-white hover-text-secondary"
id="scroll"><i class="fas fa-angle-up"></i></a>
            <!-- End Scroll To top -->
        </div>
    </div>
<!-- Wrapper End -->

<!-- Js Link
=====-->
<script src="js/jquery.min.js"></script>
<!--jQuery Layer Slider -->
<script src="js/greensock.js"></script>
<script src="js/layerlider.transitions.js"></script>
<script src="js/layerlider.kreaturamedia.jquery.js"></script>
<!--jQuery Layer Slider -->
<script src="js/popper.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/owl.carousel.min.js"></script>
<script src="js/tmpl.js"></script>
<script src="js/jquery.dependClass-0.1.js"></script>
<script src="js/draggable-0.1.js"></script>
<script src="js/jquery.slider.js"></script>
<script src="js/wow.js"></script>
<script src="js/custom.js"></script>
</body>
</html>

```

Received-Property-Query.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>View Property Queries Received</title>
    <link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
    <link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
    <link rel="stylesheet" type="text/css" href="css/layerlider.css">
    <link rel="stylesheet" type="text/css" href="css/color.css" id="color-
change">
    <link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
    <link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
    <link rel="stylesheet" type="text/css"
href="fonts/flaticon/flaticon.css">

```


REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<link rel="stylesheet" type="text/css" href="css/style.css">
<style>
  body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background-color: #f8f9fa;
  }
  .container {
    max-width: 800px;
    margin: 20px auto;
    padding: 20px;
    background-color: #fff;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  }
  h1 {
    text-align: center;
    color: #007bff;
    margin-bottom: 20px;
  }
  table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
  }
  th, td {
    padding: 12px 15px;
    text-align: left;
    border-bottom: 1px solid #ddd;
  }
  th {
    background-color: #f2f2f2;
    color: #333;
    font-weight: bold;
  }
  tr:nth-child(even) {
    background-color: #f9f9f9;
  }
  tr:hover {
    background-color: #f2f2f2;
  }
  .action-button, .show-details-button {
    background: green;
    color: #fff;
    border: 2px solid transparent; /* Initial transparent border */
    padding: 8px 16px;
    border-radius: 4px;
    cursor: pointer;
    transition: border-color 1s ease;
    background-size: 200% auto;
  }
  .action-button:hover, .show-details-button:hover {
    background-color: #45a049;
  }
  .hidden {
    display: none;
  }
</style>
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
<link rel="stylesheet" type="text/css" href="css/color.css" id="color-
change">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css"
href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">
</head>
</head>
<body>
<div class="container">
<a href="index.php">Back</a>
<h1>Recieved Property Query</h1>
<div class="property-requests">
<!-- Property requests will be displayed here -->
<?php include("property_request.php"); ?>
</div>
</div>
</body>
</html>
```

Myproperty.php

```
<?php
ini_set('session.cache_limiter', 'public');
session_cache_limiter(false);
session_start();
include("config.php");
if (!isset($_SESSION['uemail'])) {
    header("location:login.php");
}
?>
<!DOCTYPE html>
<html lang="en">
<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
<!-- Meta Tags -->
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<link rel="shortcut icon" href="images/favicon.ico">
<!-- Fonts
=====-->
<link
href="https://fonts.googleapis.com/css?family=Muli:400,400i,500,600,700&
;display=swap" rel="stylesheet">
<link href="https://fonts.googleapis.com/css?family=Comfortaa:400,700"
rel="stylesheet">
<!-- Css Link
=====-->
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
<link rel="stylesheet" type="text/css" href="css/color.css">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css"
href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">
<link rel="stylesheet" type="text/css" href="css/login.css">
<!-- Title
=====-->
<title>Real Estate Booking Management System</title>
</head>
<body>
    <!-- Page Loader
=====
<div class="page-loader position-fixed z-index-9999 w-100 bg-white vh-100">
    <div class="d-flex justify-content-center y-middle position-relative">
        <div class="spinner-border" role="status">
            <span class="sr-only">Loading...</span>
        </div>
    </div>
</div>
-->
    <div id="page-wrapper">
        <div class="row">
            <!-- Header start -->
            <?php include("include/header.php"); ?>
            <!-- Header end -->
            <!-- Banner ---->
            <div class="banner-full-row page-banner" style="background-
image:url('images/breadcromb.jpg');">
                <div class="container">
                    <div class="row">
                        <div class="col-md-6">
                            <h2 class="page-name float-left text-white
text-uppercase mt-1 mb-0"><b>User Listed
Property</b></h2>
                        </div>
                        <div class="col-md-6">
                            <nav aria-label="breadcrumb" class="float-left
float-md-right">
                                <ol class="breadcrumb bg-transparent m-0 p-
0">
                                    <li class="breadcrumb-item text-
white"><a href="index.php">Home</a></li>
                                    <li class="breadcrumb-item active">User
Listed Property</li>
                                </ol>
                            </nav>
                        </div>
                    </div>
                </div>
            <!-- Banner ---->
            <!-- Submit property -->
            <div class="full-row bg-gray">
                <div class="container">
                    <div class="row mb-5">
                        <div class="col-lg-12">
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

        <h2 class="text-secondary double-down-line
text-center">User Listed Property</h2>
        <?php
            if (isset($_GET['msg']))
                echo $_GET['msg'];
        ?>
    </div>
</div>
<table class="items-list col-lg-12" style="border-
collapse:inherit;">
    <thead>
        <tr class="bg-primary">
            <th class="text-white font-weight-
bolder">Properties</th>
            <th class="text-white font-weight-
bolder">BHK</th>
            <th class="text-white font-weight-
bolder">Reason</th>
            <th class="text-white font-weight-
bolder">Added Date</th>
            <th class="text-white font-weight-
bolder">Status</th>
            <th class="text-white font-weight-
bolder">Status Update </th>
            <th class="text-white font-weight-
bolder">Update</th>
            <th class="text-white font-weight-
bolder">Delete</th>
        </tr>
    </thead>
    <tbody>
        <?php
            $uid = $_SESSION['uid'];
            $query = mysqli_query($con, "SELECT * FROM
`property` WHERE uid='$uid'");
            while ($row = mysqli_fetch_array($query)) {
                ?>
                <tr>
                    <td>
                        
                        <div class="property-info d-table">
                            <h5 class="text-secondary text-
capitalize"><a
href="propertydetail.php?pid=<?php echo $row['0']; ?>">
                                <?php echo $row['1'];
                                ?>
                                </a></h5>
                                <span class="font-14 text-
capitalize"><i
                                class="fas fa-map-
marker-alt text-primary font-13"></i>&nbsp;<span class="font-14 text-
                                class="fas fa-map-
                                <?php echo $row['14']; ?>
                                </span>
                                <div class="price mt-3">
                                    <span class="text-
                                primary">&#8377; &nbsp;<?php echo $row['13'];
                                ?>

```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```

                </span>
            </div>
        </div>
    </td>
    <td>
        <?php echo $row['4']; ?>
    </td>
    <td class="text-capitalize">For
        <?php echo $row['5']; ?>
    </td>
    <td>
        <?php echo $row['29']; ?>
    </td>
    <td class="text-capitalize">
        <?php echo $row['24']; ?>
    </td>
    <td>
        <button class='action-button btn
btn-primary' data-property-id='<?php echo $row["pid"]; ?>'
            data-current-status='<?php echo
$row["status"]; ?>'
            onclick='updateStatus(this) '>
            <?php echo ($row["status"] ==
"Available" ? "Available" : "Sold Out"); ?>
        </button>
    </td>
    <td><a class="btn btn-primary"
href="submitpropertyupdate.php?id=<?php echo $row['0']; ?>">Update</a></td>
    <td><a class="btn btn-primary"
href="submitpropertydelete.php?id=<?php echo $row['0']; ?>">Delete</a></td>
    <?php } ?>
</tbody>
</table>
</div>
</div>
<!-- Submit property -->
<!-- Footer start-->
<?php include("include/footer.php"); ?>
<!-- Footer start-->
<!-- Scroll to top -->
<a href="#" class="bg-secondary text-white hover-text-
secondary" id="scroll"><i
class="fas fa-angle-up"></i></a>
<!-- End Scroll To top -->
</div>
</div>
<!-- Wrapper End -->
<!-- Js Link
=====-->
<script src="js/jquery.min.js"></script>
<!--jQuery Layer Slider -->
<script src="js/greensock.js"></script>
<script src="js/layerlider.transitions.js"></script>
<script src="js/layerlider.kreaturamedia.jquery.js"></script>
<!--jQuery Layer Slider -->
<script src="js/popper.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/owl.carousel.min.js"></script>

```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
<script src="js/tmpl.js"></script>
<script src="js/jquery.dependClass-0.1.js"></script>
<script src="js/draggable-0.1.js"></script>
<script src="js/jquery.slider.js"></script>
<script src="js/wow.js"></script>
<script src="js/custom.js"></script>
<script>
function updateStatus(button) {
    var propertyId = button.getAttribute("data-property-id");
    var currentStatus = button.getAttribute("data-current-status");
    var newStatus = currentStatus === "Available" ? "Sold Out" :
"Available";
    // Send AJAX request to update status
    var xhr = new XMLHttpRequest();
    xhr.open("POST", "update_status.php", true);
    xhr.setRequestHeader("Content-Type", "application/x-www-form-
urlencoded");
    xhr.onreadystatechange = function() {
        if (xhr.readyState === 4 && xhr.status === 200) {
            var response = xhr.responseText;
            if (response === "success") {
                // Update button text and data attribute
                button.textContent = newStatus;
                button.setAttribute("data-current-status", newStatus);
            } else {
                alert("Failed to update status.");
            }
        }
    };
    xhr.send("property_id=" + propertyId + "&new_status=" + newStatus);
}
</script>

</body>
</html>
```

MypropertySendedQuery.php

```
<?php
include("config.php");
// Check if the user is logged in and retrieve their user ID
session_start();
if (!isset($_SESSION['uid'])) {
    // Redirect to the login page or display an error message
    header("Location: login.php");
    exit();
}
$loggedInUserId = $_SESSION['uid'];
// Retrieve all property requests made by the logged-in user
$sqlUserPropertyRequests = "SELECT pr.id, pr.uid AS requester_id, pr.pid,
u.uemail AS requester_email, u.uphone AS requester_phone, pr.message,
pr.status
FROM property_requests pr
INNER JOIN user u ON pr.uid = u.uid
WHERE pr.uid = ?";
$stmtUserPropertyRequests = mysqli_prepare($con, $sqlUserPropertyRequests);
// Check if the statement was prepared successfully
if ($stmtUserPropertyRequests === false) {
```

REAL ESTATE BOOKING MANAGEMENT SYSTEM

```
die('Error in preparing statement: ' . mysqli_error($con));
}
// Bind parameters to the prepared statement
mysqli_stmt_bind_param($stmtUserPropertyRequests, "i", $loggedInUserId);
mysqli_stmt_execute($stmtUserPropertyRequests);
$resultUserPropertyRequests =
mysqli_stmt_get_result($stmtUserPropertyRequests);
// Close the statement
mysqli_stmt_close($stmtUserPropertyRequests);
mysqli_close($con);
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Property Sended Query</title>
  <style>
    /* Styles here */
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
    }
    .container {
      max-width: 800px;
      margin: 0 auto;
      padding: 20px;
    }
    h1 {
      text-align: center;
    }
    table {
      width: 100%;
      border-collapse: collapse;
      margin-top: 20px;
    }
    th, td {
      padding: 12px 15px;
      text-align: left;
      border-bottom: 1px solid #ddd;
    }
    th {
      background-color: #f2f2f2;
      color: #333;
      font-weight: bold;
    }
    tr:nth-child(even) {
      background-color: #f9f9f9;
    }
    tr:hover {
      background-color: #f2f2f2;
    }
    .action-button, .show-details-button {
      background-color: #45a049;
      border: 2px solid transparent; /* Initial transparent border */
      padding: 8px 16px;
      border-radius: 4px;
      cursor: pointer;
      transition: border-color 1s ease;
    }
```

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```
        background-size: 200% auto;
    }

    .action-button:hover, .show-details-button:hover {
        background-color: #45a049;
    }
    .hidden {
        display: none;
    }
}
</style>
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="css/bootstrap-slider.css">
<link rel="stylesheet" type="text/css" href="css/jquery-ui.css">
<link rel="stylesheet" type="text/css" href="css/layerslider.css">
<link rel="stylesheet" type="text/css" href="css/color.css" id="color-
change">
<link rel="stylesheet" type="text/css" href="css/owl.carousel.min.css">
<link rel="stylesheet" type="text/css" href="css/font-awesome.min.css">
<link rel="stylesheet" type="text/css"
href="fonts/flaticon/flaticon.css">
<link rel="stylesheet" type="text/css" href="css/style.css">
</head>
</head>
<body>
<div id="page-wrapper">
    <div class="row">
        <!-- Header start -->
        <?php include("include/header.php"); ?>
        <!-- Header end -->
    <div class="container">
        <h2>Sended Property Queries:</h2>
        <?php if (mysqli_num_rows($resultUserPropertyRequests) > 0): ?>
            <table>
                <tr>
                    <th>Request ID</th>
                    <th>Property ID</th>
                    <th>Your Email</th>
                    <th>Your Phone</th>
                    <th>Message</th>
                    <th>Status</th>
                </tr>
                <?php while ($row =
mysqli_fetch_assoc($resultUserPropertyRequests)): ?>
                    <tr>
                        <td><?php echo $row['id']; ?></td>
                        <td><?php echo $row['pid']; ?></td>
                        <td><?php echo $row['requester_email']; ?></td>
                        <td><?php echo $row['requester_phone']; ?></td>
                        <td><?php echo $row['message']; ?></td>
                        <td>
                            <?php
                                // Check if the status is enabled or disabled
                                $button_class = $row['status'] === 'enabled' ?
'<div>action-button</div>' : '<div>action-button disabled</div>';
                                // Echo the button with data attributes
```


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```
        echo "<button class='$button_class' data-property-
id='" . $row["pid"] . "' data-current-status='" . $row["status"] . "'
onclick='updateStatus(this)'>" . ($row["status"] === "Available" ? "Sold
Out " : "Available") . "</button>";
    }
}
</td>
</tr>
<?php endwhile; ?>
</table>
<?php else: ?>
    <p>No Sended Property Query found.</p>
<?php endif; ?>

</div>
</body>
</html>
```

5.3 TESTING APPROACH:

Functional Testing: Verify that each feature and functionality of the system works as intended. Conduct test cases to validate property listing, user registration, booking management, payment processing, communication features, and user reviews. Ensure that inputs are processed correctly and outputs are accurate.

Usability Testing: Evaluate the user interface design, navigation, and overall user experience. Test for intuitive usability, accessibility, and responsiveness across different devices and screen sizes. Gather feedback from potential users to identify areas for improvement.

Security Testing: Assess the system's resilience against security threats and vulnerabilities. Conduct penetration testing to identify potential weaknesses in authentication, authorization, data encryption, and payment processing. Verify compliance with security standards and regulations relevant to the real estate industry.

Performance Testing: Evaluate the system's performance under various load conditions to ensure scalability and responsiveness. Conduct load testing, stress testing, and endurance testing to measure system response times, throughput, and resource utilization. Identify and optimize performance bottlenecks for efficient operation.

REAL ESTATE BOOKING MANAGEMENT SYSTEM

Compatibility Testing: Verify the system's compatibility with different web browsers, operating systems, and devices. Test across multiple platforms to ensure consistent functionality and appearance across diverse environments.

Regression Testing: Re-run previously executed test cases to ensure that existing functionalities remain intact after code changes or enhancements. Verify that fixes for identified defects do not introduce new issues or regressions.

User Acceptance Testing (UAT): Involve end-users or representatives from the target audience in UAT to validate the system against real-world scenarios. Obtain feedback on usability, functionality, and overall satisfaction with the system. Address any identified issues or concerns before finalizing the system for deployment.

Documentation and Reporting: Document test results, including test cases, test execution logs, defects, and resolutions. Prepare test summary reports highlighting the overall testing status, findings, and recommendations for improvement. Share testing artifacts and reports with relevant stakeholders for review and decision-making.

5.3.1 UNIT TESTING:

Unit testing is a critical practice in software development, especially for complex systems like a Real Estate Booking Management System. It involves testing individual units or components of code in isolation to ensure they function correctly. Each unit test focuses on a specific function, method, or class, examining its inputs, outputs, and behavior under various conditions. By writing comprehensive test cases and organizing them into test suites, developers can systematically verify the functionality of their code. Techniques like mocking and stubbing help isolate units from external dependencies, ensuring tests remain independent and reliable. Adopting test-driven development (TDD) encourages developers to write tests before implementing code, fostering a test-first mindset and improving code quality. Continuous integration (CI) and automation streamline the testing process, integrating unit tests into the development workflow and providing timely feedback to developers. Analyzing code coverage helps assess the effectiveness of unit testing efforts, guiding developers to areas of the codebase that require further testing or refinement. Overall, unit testing plays a crucial role in enhancing software quality, identifying bugs early in the development cycle, and building robust, reliable software systems.

5.3.2 Integrated Testing:

Integrated testing is a crucial phase in the software development lifecycle where individual units or components are combined and tested as a group. This process ensures that the integrated components interact correctly and function as expected when working together.

Integrated testing validates the interfaces between different modules, detecting any inconsistencies or errors that may arise during the integration process. By simulating real-world scenarios and interactions between components, integrated testing helps identify and address issues early, reducing the risk of system failures and ensuring the overall reliability and functionality of the software.

5.3.3 Beta Testing:

Beta testing is a pivotal stage in the software development lifecycle where the system is released to a limited group of external users for real-world testing. This phase allows developers to gather feedback on the system's usability, performance, and functionality from end-users who represent the target audience. Beta testers explore the system in diverse environments, providing valuable insights into potential issues, usability challenges, and feature enhancements. By collecting and analyzing feedback during beta testing, developers can identify and address any remaining bugs or usability concerns before the official release, thereby improving the overall quality and user satisfaction of the software.

REAL ESTATE BOOKING MANAGEMENT SYSTEM

Test Case ID	Description	Expected Result	Actual Result	Pass/Fail
TC_001	User searches for a property by transaction ID	Properties matching the transaction ID are displayed	Properties matching the transaction ID are displayed	Pass
TC_002	User searches for a property by invoice number	Properties matching the invoice number are displayed	Properties matching the invoice number are displayed	Pass
TC_003	User searches with an invalid query	No properties are displayed	No properties are displayed	Pass
TC_004	User views all properties without searching	All properties associated with the user are displayed	All properties associated with the user are displayed	Pass
TC_005	User clicks on a property to view its details	Property details page is opened	Property details page is opened	Pass
TC_006	User clicks on a property with multiple invoices	Property details page displays all invoices related to the property	Property details page displays all invoices related to the property	Pass
TC_007	User enters a valid search query	Properties matching the query are displayed	Properties matching the query are displayed	Pass
TC_008	User enters an invalid search query	No properties are displayed	No properties are displayed	Pass
TC_009	User attempts to search with empty search query	No properties are displayed	No properties are displayed	Pass
TC_010	User searches for a property with a valid transaction ID	Property matching the transaction ID is displayed	Property matching the transaction ID is displayed	Pass

5.4 Modifications and Improvements:

Feedback Collection: Gather input from users, stakeholders, and beta testers to pinpoint improvement areas. Analyze feedback, complaints, and usage patterns to prioritize modifications effectively.

System Assessment: Evaluate current system performance, usability, and functionality. Identify bugs, inefficiencies, or usability issues through thorough testing.

Requirements Gathering: Define clear requirements for modifications or improvements based on feedback and assessment findings. Collaborate with stakeholders to ensure alignment with business goals and user needs.

Development and Implementation: Use agile methodologies to develop and implement modifications. Prioritize tasks, collaborate with developers, and ensure alignment with stakeholder expectations.

Testing and Quality Assurance: Conduct rigorous testing to ensure modified features meet quality standards and function correctly. Perform regression testing to verify existing functionalities remain unaffected.

User Acceptance Testing (UAT): Involve end-users in UAT to validate modifications. Gather feedback and iterate based on user input to refine enhancements further.

Deployment and Monitoring: Deploy modified features into production, ensuring seamless integration. Monitor system performance, user feedback, and metrics post-deployment to identify issues or areas for improvement.

Documentation and Training: Update system documentation, user manuals, and training materials to reflect modifications. Provide training sessions or resources to familiarize users with new features.

Feedback Loop: Establish a feedback loop to continue gathering user input and monitoring system performance post-deployment. Use feedback to inform future modifications and ensure continuous improvement.

REAL ESTATE BOOKING MANAGEMENT SYSTEM

6.1. SCREENSHOTS AND FUNCTIONALITY:

Login:

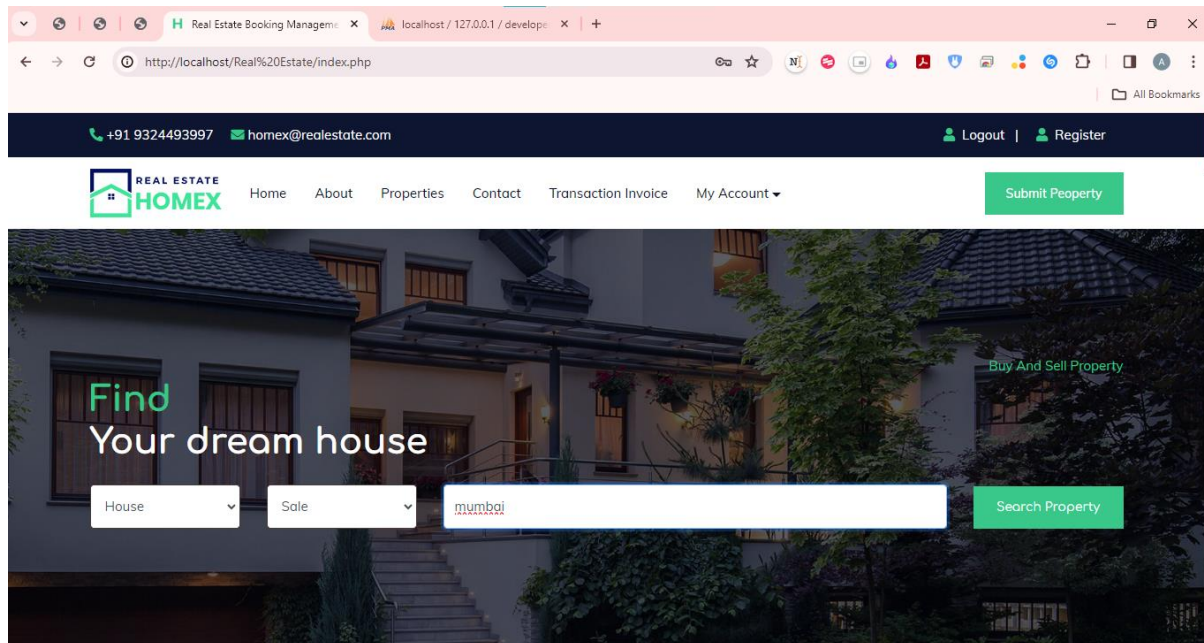
The screenshot shows a web browser window with the URL `http://localhost/Real%20Estate/login.php`. The page features a navigation bar with the 'REAL ESTATE HOMEX' logo and links for Home, About, Properties, Contact, Transaction Invoice, and Login/Register. A 'Submit Property' button is also present. The main content area displays a 'Login' form with the title 'Access to our dashboard'. The form includes an email input field containing 'amarnewate@gmail.com', a password input field with masked characters and a toggle icon, and two green buttons: 'Login' and 'Forgot Password'. Below the form, there is an 'OR' separator and a link that says 'Don't have an account? Register'.

Register:

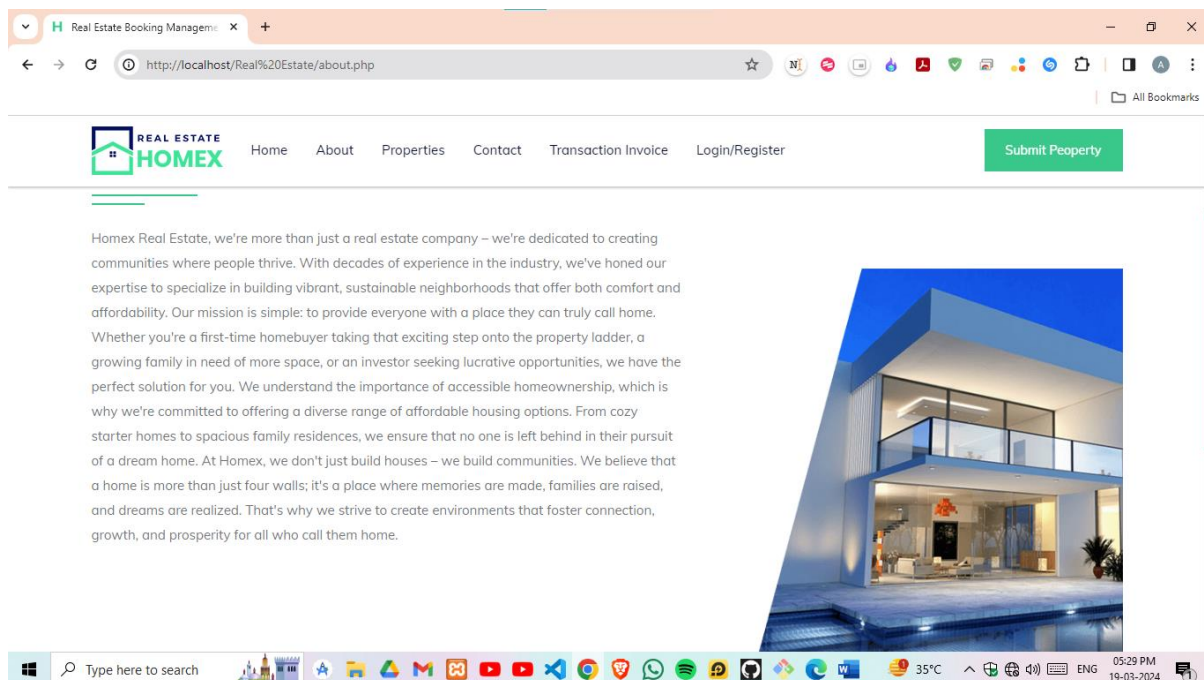
The screenshot shows a web browser window with the URL `http://localhost/Real%20Estate/register.php`. The page layout is consistent with the login page. The main content area displays a 'Register' form with the title 'Access to our dashboard'. The form includes fields for Name (filled with 'Amar'), Email (filled with 'amarnewate@gmail.com'), Phone Number (with a dropdown for country code '+91' and a field containing '9653366249'), and Address (filled with 'koisewadi kalyan East'). A green message below the phone number states 'Phone number (+91 96533 66249) is valid'. There is also a password input field with the value 'Amar' and a toggle icon. Below these fields are radio buttons for 'User' (selected), 'Agent', and 'Builder'. A 'User Image*' section includes a 'Choose File' button and a filename 'peakpx.jpg'. A green 'Register' button is at the bottom of the form.

REAL ESTATE BOOKING MANAGEMENT SYSTEM

Home:



About:



REAL ESTATE BOOKING MANAGEMENT SYSTEM

Property:

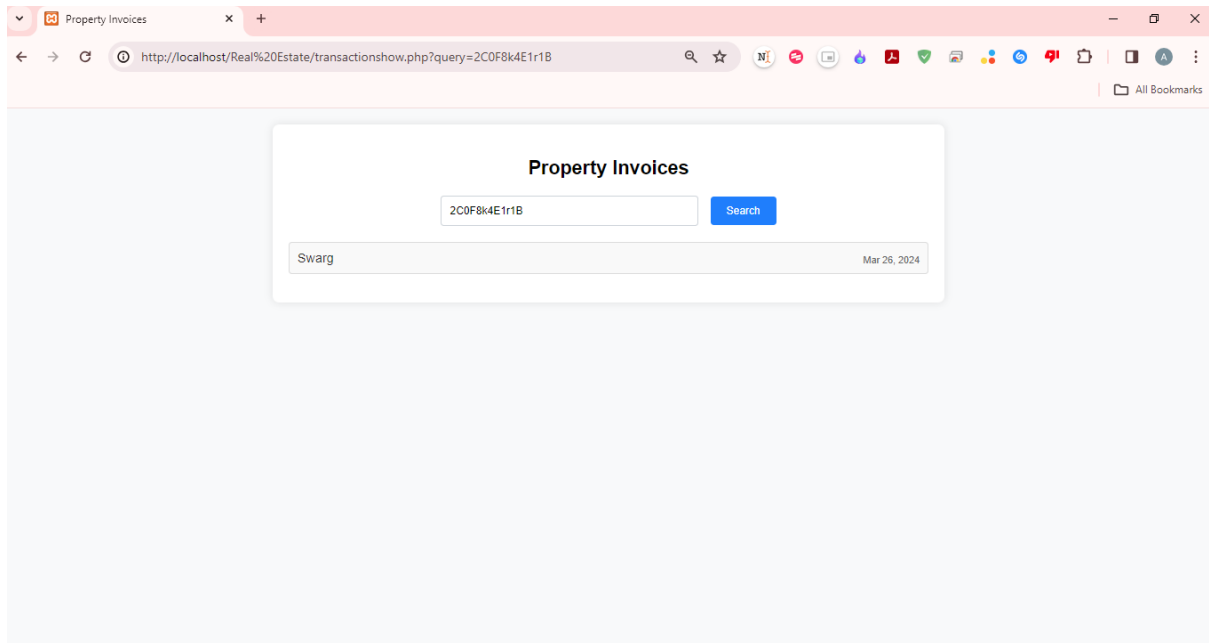
The screenshot shows a web browser window with the URL `http://localhost/Real%20Estate/property.php`. The page features a navigation bar with links: Home, About, Properties, Contact, Transaction Invoice, and My Account. A green 'Submit Property' button is located in the top right. The main content area displays two property listings. The first listing, 'Nirvana', shows a house with a price of ₹997898 and 1000 Sqft. The second listing, 'Dwarka', shows an interior view with a price of ₹1556000 and 1500 Sqft. Both listings include a 'Purchase' button. To the right of the listings is an 'Instalment Calculator' with input fields for amount (₹ 1556000), number of instalments (12), and interest rate (% 12.5), along with a 'Calculate Instalment' button. Below the calculator is a 'Recent Property Add' section showing 'Nirvana' and 'Vrindavanam'.

Contact:

The screenshot shows a web browser window with the URL `http://localhost/Real%20Estate/contact.php`. The page features a navigation bar with links: Home, About, Properties, Contact, Transaction Invoice, and Login/Register. A green 'Submit Property' button is located in the top right. The main content area is divided into two sections. On the left is a green 'Contact' sidebar with the following information: Address (Homex Real Estate(India) Inc. 127-128, B-wing, 1st Floor, Chintamani Plaza, Andheri-Kurla Road, Chakala, Opp. CineMagic Theatre, Andheri-E, Mumbai- 400099), Call Us (+91 9324493997), and Email Addresss (helpline.homex@realestate.com, helpline@homex.com). On the right is a 'Get in Touch' section with a form containing input fields for Name (Amar), Email (amar0101@gmail.com), Phone Number (1234560789), and a message box (property purchase error). A 'Send Message' button is located at the bottom of the form.

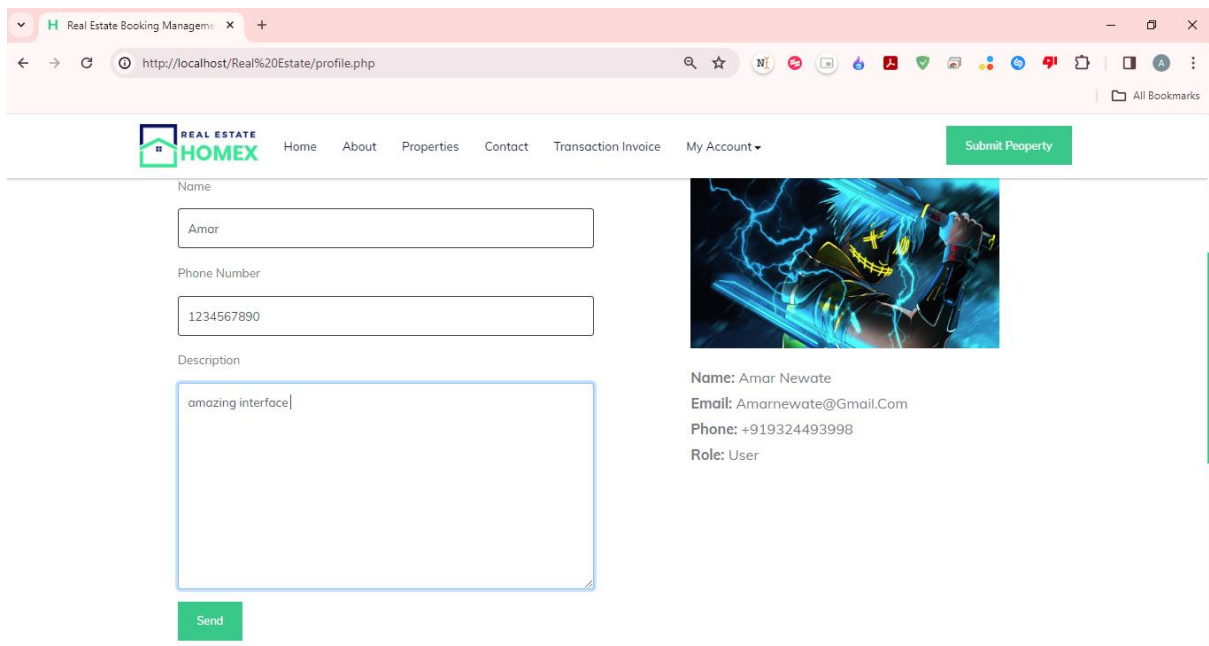
REAL ESTATE BOOKING MANAGEMENT SYSTEM

Transaction Invoice:



The screenshot shows a web browser window with the title "Property Invoices". The address bar displays the URL: `http://localhost/Real%20Estate/transactions.php?query=2C0F8k4E1r1B`. The main content area features a white box with the heading "Property Invoices". Inside this box, there is a search bar containing the text "2C0F8k4E1r1B" and a blue "Search" button. Below the search bar, there is a table with one row. The first cell of the row contains the text "Swarg" and the second cell contains the date "Mar 26, 2024".

Profile:



The screenshot shows a web browser window with the title "Real Estate Booking Management". The address bar displays the URL: `http://localhost/Real%20Estate/profile.php`. The page features a navigation bar with the "REAL ESTATE HOMEX" logo and links for "Home", "About", "Properties", "Contact", "Transaction Invoice", and "My Account". A green "Submit Property" button is located on the right side of the navigation bar. The main content area is divided into two columns. The left column contains a form with the following fields: "Name" (with the value "Amar"), "Phone Number" (with the value "1234567890"), and "Description" (with the value "amazing interface"). A green "Send" button is located below the description field. The right column features a profile picture of a person with blue hair and a sword, and a list of user details: "Name: Amar Newate", "Email: Amarnewate@Gmail.Com", "Phone: +919324493998", and "Role: User".

REAL ESTATE BOOKING MANAGEMENT SYSTEM

Received Property Query:

View Property Queries Received

localhost / 127.0.0.1 / develop

http://localhost/Real%20Estate/recieved-property-query.php

Back

Recieved Property Query

PROPERTY ID	REQUESTER NAME	REQUESTER EMAIL	REQUESTER PHONE	MESSAGE	OWNER NAME	OWNER EMAIL	OWNER PHONE	STATUS
25	amar	amar0001@gmail.com	+911234567890	77	Amar Newate	amarnewate@gmail.com	+919324493998	Available

My Property:

Real Estate Booking Management

localhost / 127.0.0.1 / develop



http://localhost/Real%20Estate/myproperty.php

REAL ESTATE HOMEX

HomeAboutPropertiesContactTransaction InvoiceMy Account

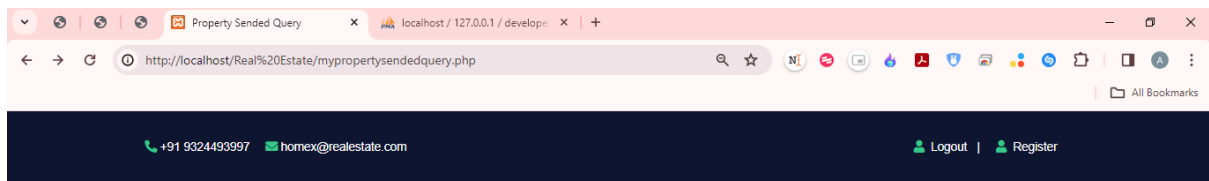
Submit Property

User Listed Property

Properties	BHK	Reason	Added Date	Status	Status Update	Update	Delete
<div><div>Vrindavanam</div><div>Goregaon</div><div>₹ 23000000</div></div>	2 BHK	For Sale	2024-02-26 16:17:18	Available	Available	Update	Delete
<div></div>							

REAL ESTATE BOOKING MANAGEMENT SYSTEM

My Property Sended Query:



[Home](#) [About](#) [Properties](#) [Contact](#) [Transaction Invoice](#) [My Account](#)

[Submit Property](#)

Sended Property Queries:

No Sended Property Query found.

CHAPTER 7 :CONCLUSION AND FUTURE WORK

CONCLUSION:

Real Estate Booking Management System presents a comprehensive solution for streamlining property listing, reservation, and transaction management processes within the real estate industry. Through the integration of technology, user-friendly design, and industry knowledge, the system aims to optimize operational efficiency, reduce administrative tasks, and enhance user experiences for property owners, agencies, managers, and potential buyers or renters.

Throughout the development and testing phases, rigorous efforts have been made to ensure the system's functionality, security, and usability. Feedback from stakeholders, users, and testing processes has been instrumental in refining and improving the system to meet the diverse needs of the real estate market.

FUTURE SCOPE:

In the future, there are exciting opportunities to make the Real Estate Booking Management System even better. One way is by using new technologies like artificial intelligence and virtual reality to improve how users find and view properties. We can also focus on making the system more secure and expanding its features to include different types of properties, like commercial spaces or vacation rentals. Additionally, we could add tools to help users understand market trends and make smarter property decisions. By staying up-to-date with technology and listening to users' needs, we can keep making the system more helpful and easy to use for everyone involved in real estate.

CHAPTER 8: REFERENCES

WEBSITES

- <https://www.freecodecamp.org/>
- <https://www.w3schools.com/>
- <https://www.yahoobaba.net/>
- <https://javascript.info/>
- <https://codewithharry.com/>