**A Project Report On**

**Real Estate website**

In partial fulfillment of the Requirements for the award of the degree

**Diploma in**

**Computer Engineering**

**Submitted By:**

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**Under Guidance of**

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**SUBMITTED TO:**

**DEPARTMENT OF COMPUTER ENGINEERING**

**Sri venkatesa Perumal College of Engineering & Technology**

**ll Shift polytechnic**

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**DEPARTMENT OF COMPUTER ENGINEERING**

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**CERTIFICATE**

This is to certify that the dissertation entitled “**Real Estate website**”, being submitted by **Shaik Athaulla** **(22242-cm-052)** in partial fulfilment for the award of Diploma in Computer Engineering to the State Board of Technical Education & Training, Vijayawada, is a Bonafide work carried out by him under my guidance and supervision during the year 2024-2025. The results embodied in this thesis have not been submitted to any other University or Institute for any Diploma.

**HEAD OF THE DEPARTMENT PRINCIPAL**

Submitted for the SBTET viva-voce examination held on\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**INTERNAL EXAMINER EXTERNAL EXAMINER**

**DECLARATION**

**“**I herebydeclare that the Project Work Report entitled “**real estate website”** is an authentic record of my own work as a requirement of 6-months project work during the period from **November** to **may 2025** for the award of Diploma in Computer Engineering (CME).”

**Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Shaik Athaulla**

**22242-cm-052**

Certified that the above statement made by the student is correct to the best of our knowledge and belief.

**Head of the Department**

**Acknowledgement**

**Abstract**

In the digital age, the demand for streamlined and transparent real estate transactions has surged, driving the need for modern web-based solutions. This project presents the development of a dynamic and user-centric **real estate website** designed to simplify the process of buying, selling, and renting properties. The platform aims to connect property seekers with sellers and agents through an intuitive interface that offers a seamless user experience, efficient navigation, and robust backend management.

The website incorporates essential features such as advanced property search filters, location-based listings, property image galleries, detailed descriptions, and integrated Google Maps for spatial reference. It supports multi-role functionalities including separate dashboards for users, agents, and administrators, ensuring proper access control and content moderation. Additionally, it enables registered agents to upload and manage their property listings, while users can create accounts to browse, bookmark, and inquire about properties of interest.

The backend of the system is developed using [**insert tech stack – e.g., PHP/MySQL or Python Flask/MongoDB**], ensuring high performance, scalability, and data integrity. The front end leverages responsive web design principles using **HTML5, CSS3, and Bootstrap** to ensure accessibility across various devices and screen sizes. The website also integrates contact forms, inquiry tracking, and a secure authentication system.

Overall, the project stands as a scalable solution with real-world applicability, demonstrating how technology can revolutionize the real estate domain by making it smarter, faster, and more user-focused.

**TABLE OF CONTENTS**

**Chapter Name……………………………………. page No.**

Title page …………………………………………………………………………. i

Certificate ………………………………………………………………………... ii

Declaration by Project Members ………………………………………….. iii

Acknowledgement …………………………………………………………….. iv

Abstract …………………………………………………………………………… v

List of Figures ……………………………………………………................... vi

**1.INTRODUCTION**

1.1 Background of Real Estate Industry ....................................................1

1.2 Need for a Real Estate Website ..........................................................2

1.3 Objectives of the Project .....................................................................2

1.4 Scope of the Project ............................................................................3

1.5 Overview of the Proposed Website .....................................................3

1.6 Problem Statement .............................................................................4

1.7 Organization of the Report ..................................................................5

**2. SYSTEM ANALYSIS**

2.1 Introduction .....................................................................................6

2.2 Existing System ...............................................................................6

2.3 Limitations of Existing System ........................................................7

2.4 Proposed System ............................................................................8

2.5 Feasibility Study

   2.5.1 Technical Feasibility .................................................................9

   2.5.2 Operational Feasibility .............................................................9

   2.5.3 Economic Feasibility ................................................................10

**3. SYSTEM DESIGN**

3.1 System Architecture ......................................................................11

3.2 Data Flow Diagrams (DFD) ............................................................12

3.3 Use Case Diagrams .......................................................................13

3.4 ER Diagrams ..................................................................................14

3.5 Database Design ...........................................................................15

3.6 UI/UX Design Overview .................................................................16

**4. IMPLEMENTATION**

4.1 Frontend Technologies Used .........................................................17

4.2 Backend Technologies Used .........................................................18

4.3 Key Functional Modules

  4.3.1 Property Listing Module ...........................................................19

  4.3.2 User Registration/Login ...........................................................20

  4.3.3 Agent Dashboard .....................................................................21

  4.3.4 Admin Panel .............................................................................22

**5. TESTING**

5.1 Testing Strategies ..........................................................................23

5.2 Test Cases .....................................................................................24

5.3 Bug Report and Fixes .....................................................................25

**6. RESULTS AND DISCUSSION**

6.1 Snapshot of Web Pages ..................................................................26

6.2 Performance Analysis .....................................................................27

6.3 Comparison with Existing Platforms ...............................................28

**7. CONCLUSION AND FUTURE ENHANCEMENTS**

7.1 Conclusion .......................................................................................29

7.2 Future Scope ....................................................................................30

**CHAPTER-1**

**INTRODUCTION**

The real estate industry has undergone a significant transformation in recent years, driven by the rapid evolution of digital technologies and the increasing demand for seamless property search experiences. In this context, a real estate website serves as a dynamic platform that bridges the gap between property seekers and sellers, enabling efficient, transparent, and accessible transactions.

This project aims to develop a comprehensive and user-friendly real estate website that caters to buyers, sellers, renters, and real estate agents. The website provides detailed listings of residential, commercial, and rental properties with essential features such as advanced search filters, high-quality images, price comparisons, location maps, and contact options. It ensures real-time updates and responsive design to enhance usability across various devices.

The core objective of this project is to simplify property discovery and decision-making through a digital interface that is intuitive, informative, and secure. By integrating modern web technologies, the platform offers features such as user registration, property submission, admin control panels, and data analytics to facilitate property management and client engagement.

In an increasingly competitive real estate market, this website not only streamlines operations for real estate professionals but also empowers users to make informed decisions with confidence. Ultimately, this project demonstrates how technology can be leveraged to optimize real estate processes, reduce operational inefficiencies, and improve customer satisfaction.

**1.1 Background of Real Estate Industry**

The real estate industry plays a vital role in economic development, involving the buying, selling, and renting of residential, commercial, and industrial properties. Traditionally dependent on face-to-face interactions and manual listings, the industry has seen a major shift with the rise of digital platforms. Technology has transformed real estate by enabling online property searches, virtual tours, and instant communication between buyers and sellers. This evolution has made property transactions faster, more transparent, and widely accessible, meeting the growing demands of modern consumers.

The modern real estate industry is no longer just about property—it’s about providing solutions. Customers expect detailed property insights, virtual tours, real-time updates, and seamless user experiences. As a result, technology-driven real estate platforms have become essential tools in meeting these expectations and transforming the way people interact with property markets.

**1.2 Need for a Real Estate Website**

In today’s digital era, users expect quick access to property information without the need for physical visits or intermediaries. A real estate website fulfils this need by offering a centralized platform where buyers, sellers, and agents can connect efficiently.

It simplifies property searches through filters, maps, images, and pricing details, saving time and effort. Additionally, it enhances transparency, expands market reach, and supports better decision-making, making it an essential tool in the modern real estate industry.

**1.3 Objectives of the Project**

The main objective of this project is to develop a user-friendly and efficient real estate website that connects property buyers, sellers, and agents on a single digital platform. The specific goals include:

* To provide an easy-to-navigate interface for property listing and searching.
* To enable users to filter properties based on location, price, type, and other criteria.
* To offer secure user registration, login, and property management features.
* To ensure mobile responsiveness and real-time updates of property listings.
* To improve transparency and decision-making through detailed property information and images.

**1.4 Scope of the Project**

This project focuses on building a fully functional real estate website that caters to buyers, sellers, renters, and real estate agents. The platform will include features such as property listings, advanced search filters, user authentication, and admin control for managing content.

It will support both residential and commercial property listings and be accessible via desktop and mobile devices. The scope also includes integrating maps for location tracking and providing contact options for direct communication. Overall, the website aims to enhance the property transaction experience through a reliable and user-centric interface.

**1.5 Overview of the Proposed Website**

The proposed real estate website is designed to serve as a centralized platform where users can search, list, and manage properties with ease. It will feature an intuitive user interface with categorized listings for residential, commercial, and rental properties.

Key functionalities will include user registration, property posting by sellers or agents, advanced search filters, image galleries, and location mapping. The admin panel will allow management of listings, users, and website content. The website will be responsive, secure, and optimized for performance to ensure a smooth experience across all devices.

**1.6 Problem Statement**

In the current real estate landscape, buyers, sellers, and agents face several challenges:

* **Inefficient Property Searches:** Users often struggle with finding relevant properties quickly due to limited filtering options and scattered listings.
* **Lack of Detailed Information:** Many platforms do not offer comprehensive property details, leading to incomplete insights for decision-making.
* **Delayed Updates and Communication:** Outdated listings and ineffective communication channels hinder smooth transactions and user engagement.
* **Inconsistent User Experience:** The absence of a centralized, user-friendly interface across devices complicates the property search and management process.

This project aims to address these issues by developing a robust, efficient, and intuitive real estate website that streamlines property searches, delivers detailed property insights, and enhances overall communication and user experience.

**1.7 Organization of the Report**

This report is organized into several chapters to provide a structured overview of the project:

* **Chapter 1: Introduction** – Covers the background, need, objectives, scope, and an overview of the proposed website.
* **Chapter 2: System Analysis** – Discusses the existing system, problem definition, and feasibility study.
* **Chapter 3: System Design** – Describes the architecture, data flow diagrams, and design methodology.
* **Chapter 4: Implementation** – Details the technologies used, development process, and key features of the website.
* **Chapter 5: Testing and Results** – Explains the testing strategies, test cases, and performance analysis.
* **Chapter 6: Conclusion and Future Scope** – Summarizes the project outcomes and suggests improvements for future development.

This structure ensures a clear understanding of the project from concept to execution

**CHAPTER-2**

**2. SYSTEM ANALYSIS**

**2.1 Introduction**

System analysis is a critical phase in the software development lifecycle that involves understanding the functional and non-functional requirements of the proposed system. It helps in identifying the current problems, analysing user needs, and defining a clear roadmap for system design and implementation.

For this real estate website, system analysis focuses on studying existing solutions, evaluating user expectations, and defining the scope of technological improvements. It lays the foundation for building a reliable, efficient, and user-centric platform by assessing feasibility, performance goals, and potential challenges in advance.

**2.2 Existing System**

In the existing real estate system, property transactions are largely dependent on traditional methods such as newspaper ads, physical visits, and broker services. These approaches are often time-consuming, geographically limited, and lack real-time updates.

While some online platforms do exist, many are either outdated, difficult to navigate, or lack comprehensive features such as advanced search filters, property comparisons, or direct communication tools. Users often face issues like limited listings, unverified information, and poor user experience.

As a result, both buyers and sellers struggle with inefficiencies, delayed communication, and lack of transparency—highlighting the need for a more advanced, interactive, and reliable solution.

**2.3 Limitations of Existing System**

The current real estate systems have several limitations that hinder efficiency and user satisfaction:

* **Lack of Real-Time Information**: Property listings are often outdated, leading to misinformation and wasted efforts.
* **Limited Accessibility**: Users must rely on brokers or visit physical locations to view properties.
* **Inefficient Search Process**: Most systems lack advanced filters, making it difficult to find properties that meet specific criteria.
* **Poor User Experience**: Outdated interfaces and slow navigation affect ease of use.
* **No Direct Communication**: Users cannot interact directly with property owners or agents within the platform.
* **Unverified Listings**: Many platforms lack proper verification processes, increasing the risk of fraud.

These limitations underline the need for a modern, secure, and user-friendly real estate website.

**2.4 Proposed System**

The proposed system is an advanced real estate website designed to overcome the limitations of existing platforms by offering a modern, efficient, and user-friendly solution. It will provide a centralized digital space where users can buy, sell, or rent properties with ease.

Key features include:

* **Real-Time Listings**: Updated property information with images, pricing, and availability.
* **Advanced Search Filters**: Users can search by location, price, property type, and more.
* **User Registration & Profiles**: Secure login for buyers, sellers, and agents with personalized dashboards.
* **Interactive Maps**: View property locations with integrated Google Maps or similar services.
* **Direct Communication**: Built-in messaging or contact options to connect users directly.
* **Admin Panel**: For managing users, listings, and website content efficiently.
* **Responsive Design**: Fully functional across desktops, tablets, and mobile devices.

This system aims to simplify property transactions, improve user engagement, and ensure transparency and security in every interaction.

**2.5 Feasibility Study**

A feasibility study is conducted to evaluate whether the proposed system is practical and achievable from technical, operational, and economic perspectives. It helps in determining the success potential of the project before full-scale development.

**2.5.1 Technical Feasibility**

The proposed real estate website is technically feasible using current web development technologies such as HTML, CSS, JavaScript, PHP/Python, and MySQL or other modern databases. These technologies are well-established, reliable, and widely supported. Hosting services and cloud platforms are also readily available to deploy the system. As such, the development team possesses the necessary skills and tools to implement the project successfully.

**2.5.2 Operational Feasibility**

Operationally, the system is designed to be user-friendly, with a simple and intuitive interface that requires minimal training. Buyers, sellers, and agents can easily navigate the platform and perform tasks such as listing or searching for properties. The admin panel allows smooth management of site content and users. The system aligns with user needs, making it highly acceptable and easy to integrate into daily real estate operations.

**2.5.3 Economic Feasibility**

From a financial standpoint, the project requires moderate investment for development, deployment, and maintenance. The long-term benefits—such as increased user engagement, time savings, and broader market reach—justify the initial costs. Furthermore, monetization opportunities like featured listings or advertisements can help generate revenue, making the project economically sustainable.

**CHAPTER-3**

**3. SYSTEM DESIGN**

System design is a critical phase in the software development life cycle that translates user requirements into a blueprint for building the actual system. It focuses on how the system components will interact, the flow of data, and how functionalities will be implemented efficiently and effectively.

In this chapter, we outline the structural and functional design of the proposed real estate website. It covers the overall system architecture, data flow diagrams (DFDs), and design of key modules and components. The goal is to ensure a robust, scalable, and user-friendly system that meets all functional and non-functional requirements.

**3.1 System Architecture**

The system architecture of the proposed real estate website follows a **three-tier architecture**, which ensures scalability, maintainability, and separation of concerns. The three main layers are:

**1.User Registration & Login Flow**

**2. Property Search Flow**

**3. Agent Registration Flow**

**4. Add Property Flow (Agent)**

**5. Inquiry / Lead Generation Flow**

**6. Booking a Visit Flow**

**7. Admin Panel Flow**

**8. Wishlist / Save Property Flow**

**9. Payment / Subscription Flow**

**10. Feedback & Rating Flow**

**case studies**

**1.Zillow (USA)**

**2.99acres (India)**

**3.Magic Bricks (India)**

**4.No Broker (India)**

**5.Redfin (USA)**

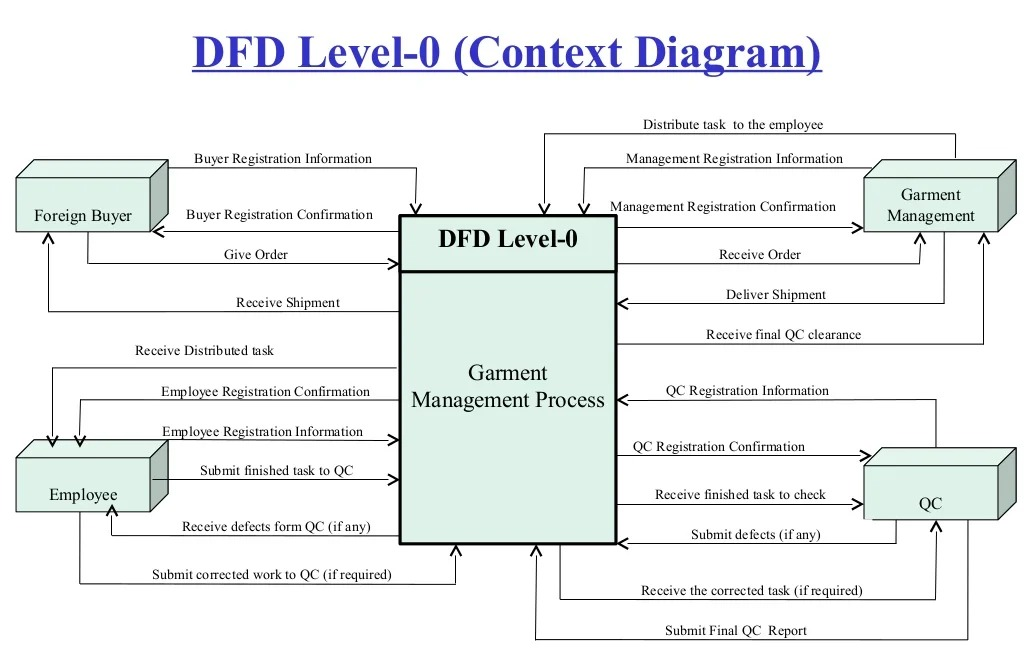
**3.2 Data Flow Diagrams (DFD)**

Data Flow Diagrams (DFDs) are used to visually represent the flow of data within a system. They help in understanding how data is processed, transferred, and stored from one component to another. DFDs are essential for identifying system inputs, processes, outputs, and data storage points.

In the proposed real estate website, the DFDs illustrate the interactions between users (buyers, sellers, agents, and admin) and the system.

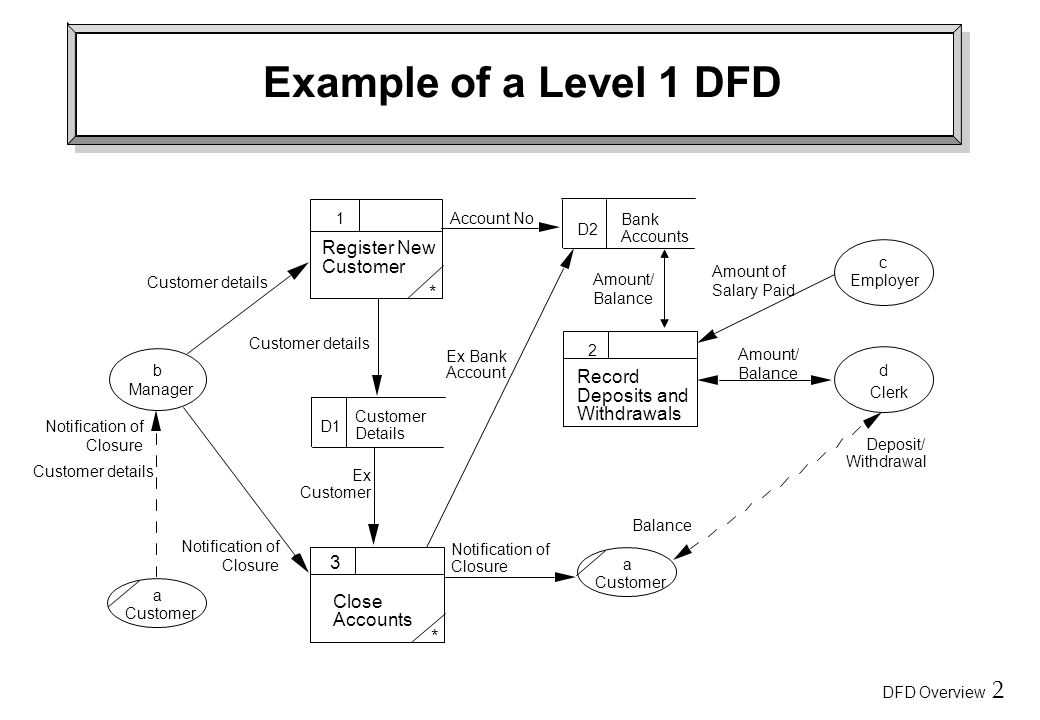
**3.2.1 Context Level DFD (Level 0)**

The context-level DFD provides a high-level view of the entire system as a single process and its interaction with external entities.



**3.2.2 Level 1 DFD**

The Level 1 DFD breaks down the main process into sub-processes to show detailed data flow:



**3.3 Use Case Diagrams**

Use Case Diagrams illustrate the interactions between users (actors) and the system. They help visualize the functional requirements of the system by showing what actions users can perform and how the system responds.

In the proposed real estate website, the key actors are:

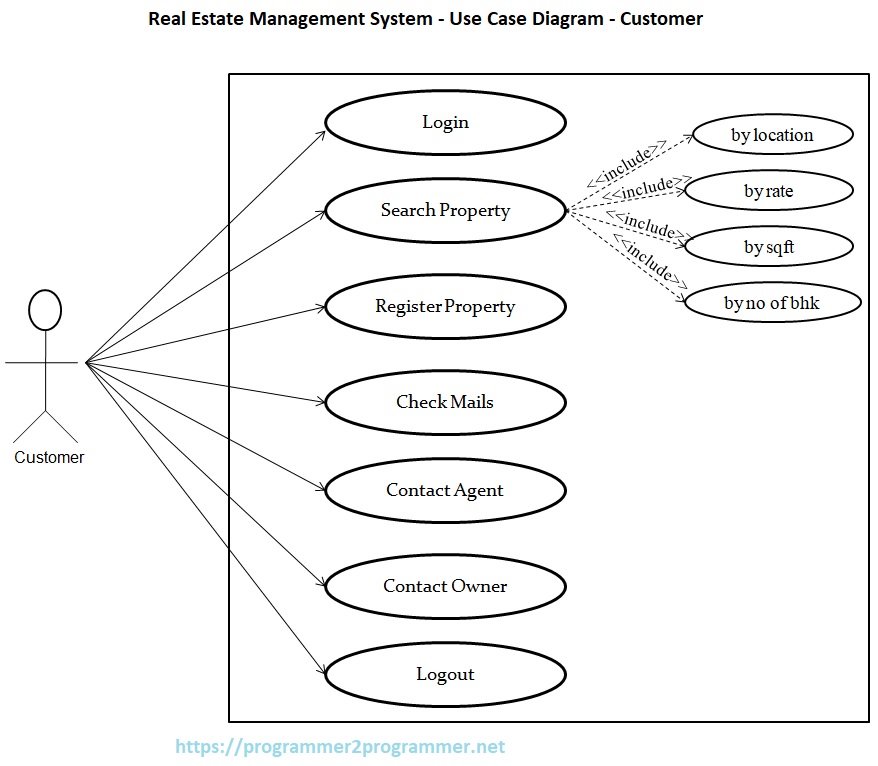
**User** (Buyer/Seller/Agent)

* Register/Login
* Search Property
* View Property Details
* Post Property Listing (for sellers/agents)
* Edit/Delete Own Listings
* Send Inquiry/Contact Seller

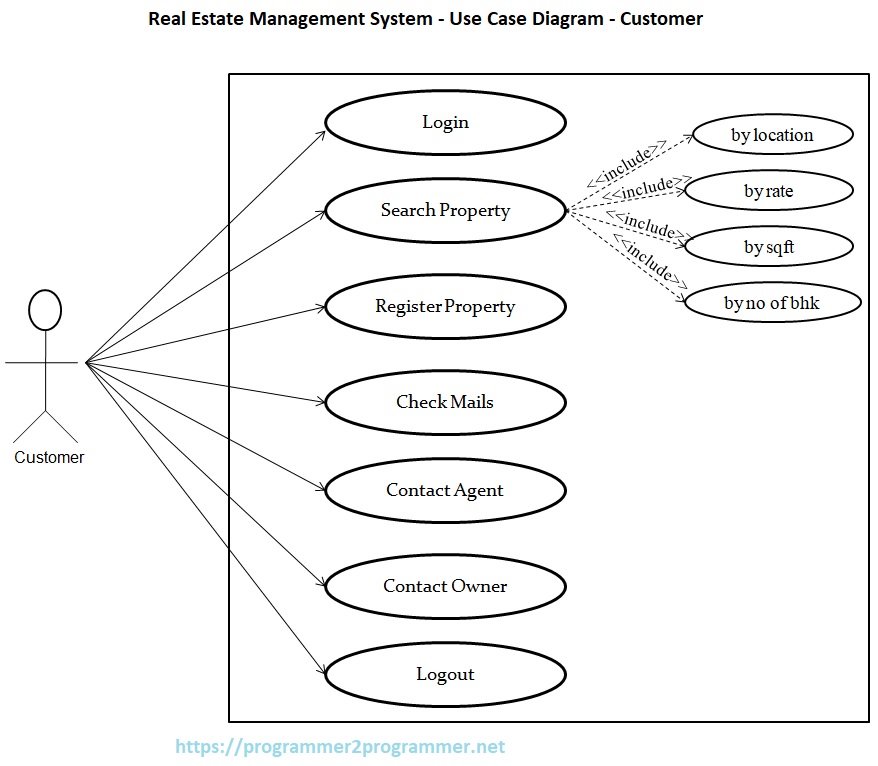
**Admin**

* Login
* Manage Users
* Approve/Reject Listings
* Manage Property Data

**Main Use Cases for User:**

****

**Main Use Cases for Admin:**

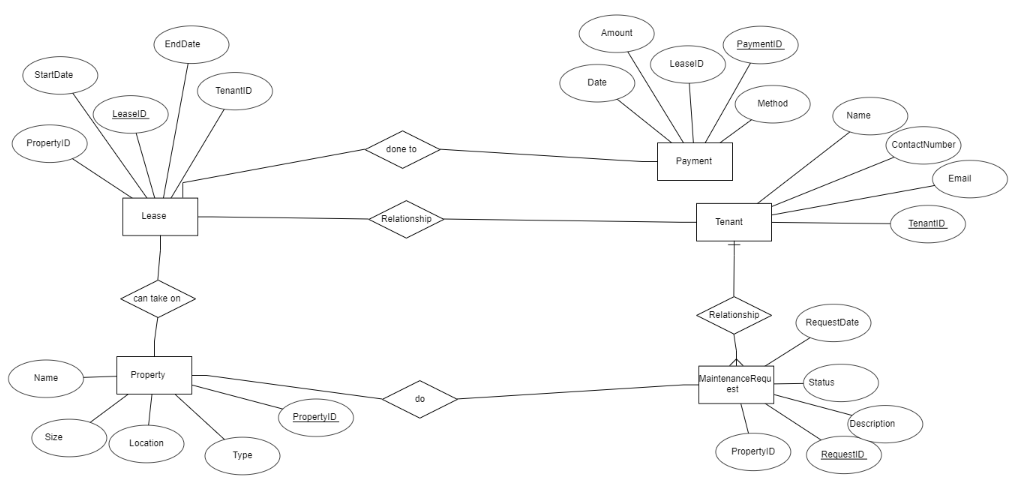


**3.4 ER Diagrams**

Entity-Relationship (ER) Diagrams are used to visually represent the data model of the system. They define the entities involved in the system and the relationships between them. In the proposed real estate website, the ER diagram captures how users, properties, and system interactions are connected.

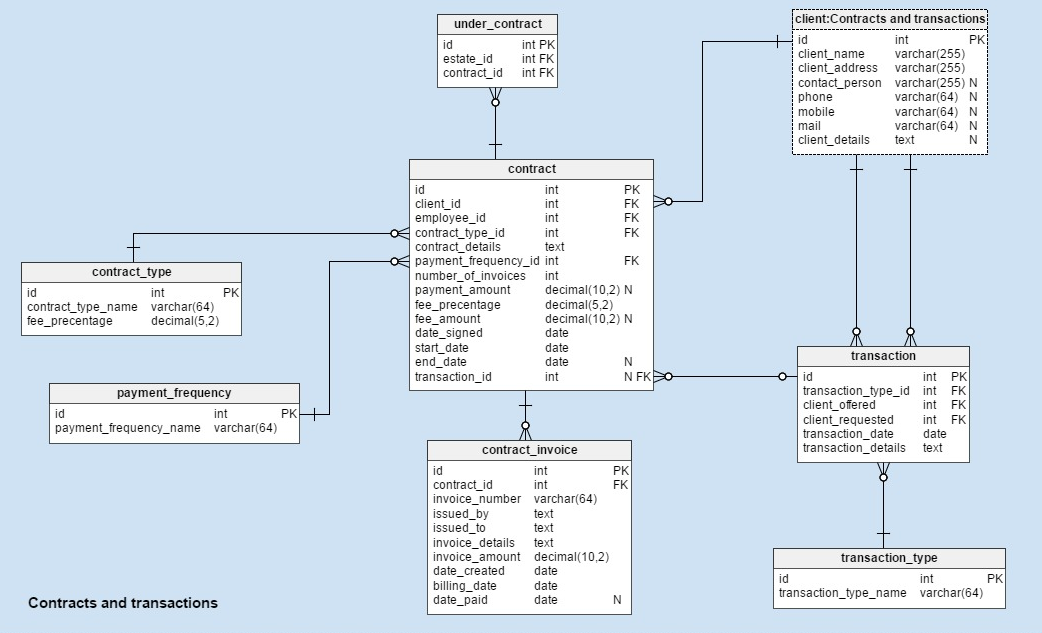
**Main Entities and Relationships:**

1. **User**
   * Attributes: User ID, Name, Email, Password, Role (Buyer/Seller/Agent)
   * Relationships: Can list or view properties, can send inquiries
2. **Property**
   * Attributes: Property ID, Title, Type, Price, Location, Description, Image
   * Relationships: Belongs to a user (seller/agent)
3. **Admin**
   * Attributes: Admin ID, Name, Email, Password
   * Relationships: Manages users and properties
4. **Inquiry**
   * Attributes: Inquiry, User ID, Property ID, Message, Date
   * Relationships: Sent by a user regarding a property



**3.5 Database Design**

Database design is a crucial part of the system that ensures data is stored efficiently, securely, and can be accessed or modified as needed. For the proposed real estate website, the database is designed using a relational model to manage users, properties, inquiries, and admin operations effectively.



**3.6 UI/UX Design Overview**

The UI/UX (User Interface/User Experience) design of the real estate website focuses on providing a clean, intuitive, and responsive experience for users across all devices. The design aims to simplify navigation, enhance visual appeal, and ensure ease of interaction for buyers, sellers, agents, and admins.



**CHAPTER-4**

**4.IMPLEMENTATION**

**4.1 Frontend Technologies Used**

**1.Home.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>ShaikEstate</title>

<!-- Bootstrap Icons -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css">

<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css" rel="stylesheet">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.2/css/all.min.css">

<link rel="stylesheet" href="../CSS/home.css">

<link rel="stylesheet" href="../CSS/header.css">

<link rel="stylesheet" href="../CSS/footer.css">

</head>

<body>

<!-- Header Copied from header.html for sample using-->

<header class="Mainhead">

<nav class="navigator">

<a href="#"><img src="../IMAGES/logo.png" alt="ShaikEstate" class="logo"></a>

<ul class="nav-menu">

<li><a href="../HTML/home.html" class="navs">Home</a></li>

<li><a href="../HTML/Features.html" class="navs">Features</a></li>

<li><a href="../HTML/Projects.html" class="navs">Projects</a></li>

<li><a href="../HTML/Aboutus.html" class="navs">About</a></li>

<li><a href="../HTML/Contanctus.html" class="navs">Contact</a></li>

<div class="naver-menu">

<img src="../IMAGES/user.png" alt="user" class="img">

<li class="list111" id="user\_name">Sign in <br> Join Free</li>

<div class="dropdown-menu">

<a href="./profile.html">User Profile</a>

<a href="./dashboard.html">User Dashboard</a>

</div>

</div>

</ul>

</nav>

</header>

<!-- here oour code main code goess -->

<header class="hero">

<div class="hero-content">

<h1>We help people find their dream house</h1>

<p>Search by apartment, location, or price</p>

<div class="search-bar">

<div class="search-container"> <!-- NEW container for relative positioning -->

<input type="text" placeholder="Search here" id="search-input" oninput="showSuggestions()">

<button><i class="fas fa-search" style="color: #ffff;"></i></button>

<ul id="suggestions" class="suggestions-list"></ul>

</div>

</div>

</div>

</header>

<!-- Stats Section -->

<section class="stats">

<div class="stat-item"><strong>2+</strong> Years Experience</div>

<div class="stat-item"><strong>60+</strong> Clients</div>

<div class="stat-item"><strong>1.2K</strong> Properties Sold</div>

<div class="stat-item"><strong>15 Towns</strong> Coverage</div>

</section>

<section class="services">

<h2>What we offer to our customers?</h2>

<div class="service-cards">

<div class="card">Affordable Listings</div>

<div class="card">Verified Properties</div>

<div class="card">Best Customer Support</div>

<div class="card">Owner-to-Buyer Listings</div>

<div class="card">Rent-to-Own Homes</div>

<div class="card">Eco-Friendly Housing</div>

<div class="card">Low Rent</div>

<div class="card">0% Commision</div>

<div class="card">Exchange</div>

<div class="card">Upto User Radius</div>

</div>

</section>

<!-- Featured Properties -->

<section class="featured">

<h2>Featured Properties</h2>

<div class="property-container">

<div class="property-card">

<img src="../IMAGES/features1.jpg" alt="CPR Mangala">

<div class="property-info">

<h3>Agraharam Palli</h3>

<p>A Lifestyle Gated Town hose</p>

<p>Location: Tallupula, Kadiri | 1 BHK Apartment</p>

<p class="size">255 to 365 SFT.</p>

</div>

</div>

<div class="property-card">

<img src="../IMAGES/feattures2.jpg" alt="CPR Cosmos">

<div class="property-info">

<h3>NandiPalli</h3>

<p>A Natural Apartments</p>

<p>Location:Nandipalli, Nandyal | 1 & 2 BHK Apartments</p>

<p class="size">230 to 285 SFT.</p>

</div>

</div>

<div class="property-card">

<img src="../IMAGES/feature4.jpg" alt="CPR Park Heights">

<div class="property-info">

<h3>Shaik'S Boys Hostel</h3>

<p>A Freindly Apartments</p>

<p>Location: Mangalam, Tirupati | 2 BHK Apartments</p>

<p class="size">800 to 850 SFT.</p>

</div>

</div>

<div class="property-card">

<img src="../IMAGES/feature5.jpg" alt="CPR I.S. Jewel">

<div class="property-info">

<h3>CPR I.S. Jewel</h3>

<p>Super Luxury Apartments</p>

<p>Location: Nehru Nagar, Tirupati | 2 & 3 BHK Apartments</p>

<p class="size">1210 to 2050 SFT.</p>

</div>

</div>

</div>

<div class="view-more">

<li>

<a href="../HTML/Projects.html" class="view-more-btn">

View More Features <i class="bi bi-arrow-right"></i>

</a>

</li>

</div>

</section>

<section class="cta">

<div class="cta-content">

<h2>So, what are you waiting for?</h2>

<p>Get your dream home today with exclusive deals!</p>

<a href="#" class="cta-btn">Find Your Home</a>

</div>

</section>

</div>

<footer class="footer">

<div class="footer-container">

<div class="footer-section">

<h3>About ShaikEstate</h3>

<p>We help you find the best properties at the best prices. Whether you're looking for a new home or an

investment, we’ve got you covered.</p>

</div>

<div class="footer-section">

<h3>Quick Links</h3>

<ul>

<li><a href="#" class="navs">Home</a></li>

<li><a href="#" class="navs">Features</a></li>

<li><a href="#" class="navs">Projects</a></li>

<li><a href="#" class="navs">About</a></li>

<li><a href="#" class="navs">Contact</a></li>

</ul>

</div>

<div class="footer-section">

<h3>Contact Us</h3>

<p><i class="fas fa-map-marker-alt"></i> 123 Main Street, Your City</p>

<p><i class="fas fa-phone-alt"></i> +1 (123) 456-7890</p>

<p><i class="fas fa-envelope"></i> info@shaikestate.com</p>

</div>

<div class="footer-section">

<h3>Follow Us</h3>

<div class="social-icons">

<a href="#"><i class="fab fa-facebook"></i></a>

<a href="#"><i class="fab fa-twitter"></i></a>

<a href="#"><i class="fab fa-instagram"></i></a>

<a href="#"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</div>

<div class="footer-bottom">

<p>&copy; 2025 ShaikEstate. All rights reserved. | <a href="privacy.html">Privacy Policy</a> | <a

href="terms.html">Terms & Conditions</a></p>

</div>

</footer>

<script>

document.addEventListener("DOMContentLoaded", function () {

let scrollContainer = document.querySelector(".service-cards");

let cards = document.querySelectorAll(".card");

let scrollSpeed = 1; // Adjust speed

function autoScroll() {

if (scrollContainer.scrollLeft >= scrollContainer.scrollWidth - scrollContainer.clientWidth) {

// Reset to start without shrinking

scrollContainer.scrollLeft = 0;

} else {

scrollContainer.scrollLeft += scrollSpeed;

}

}

setInterval(autoScroll, 10); // Adjust interval speed

});

</script>

<script src="../JavaScript/suggestions.js"></script>

</body>

<?php

session\_start();

if (isset($\_COOKIE['user\_id'])) {

$user\_id = $\_COOKIE['user\_id'];

$user\_name = $\_COOKIE['user\_name'];

echo "<script>document.getElementById('user\_name').innerHTML = 'Welcome <br>$user\_name';</script>";

}

else{

echo "<script>document.getElementById('user\_name').innerHTML = '<a href=\"./login.php\">Sign in <br> Join Free </a>';</script>";

}

?>

</html>

**2.login.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons/font/bootstrap-icons.css">

<link rel="stylesheet" href="../CSS/login.css">

<link rel="stylesheet" href="../CSS/header.css">

<link rel="stylesheet" href="../CSS/footer.css">

<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css" rel="stylesheet">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.2/css/all.min.css">

<title>login</title>

</head>

<body>

<!--

<!-- Header -->

<header class="Mainhead">

<nav class="navigator">

<a href="#"><img src="../IMAGES/logo.png" alt="ShaikEstate" class="logo"></a>

<div class="flit">

<ul class="nav-menu">

<img src="../IMAGES/user.png" alt="user" class="img">

<div class="flit2">

<li><a href="#" class="nav">Sign in <br> Join Free</a></li>

</div>

</ul>

</div>

</nav>

</header> -->

<!-- Breadcrumbs -->

<section>

<div class="dash">

<span>Home</span>

<span>Login</span>

</div>

</section>

<div class="container">

<div class="log-form">

<form method="POST" action="../api/login\_user.php">

<h1>Login</h1>

<div class="form-group">

<label for="email">Email ID</label>

<input type="email" id="email" name="email" placeholder="Enter your email">

</div>

<div class="divider"><span>or</span></div>

<div class="form-group">

<label for="phone">Phone Number</label>

<input type="tel" id="phone" name="phone" placeholder="Enter your phone number">

</div>

<div class="form-group">

<label for="password">Password</label>

<input type="password" id="password" name="password" placeholder="Enter your password" required>

</div>

<div class="btn-center d-flex justify-content-center align-items-center">

<button type="submit" class="submit">Continue</button>

</div>

</form>

<div class="divider"><span>Not a Member Yet?</span></div>

<div class="btn-center d-flex justify-content-center align-items-center ">

<a href="../HTML/Register/register\_next.php"> <button type="button" class="submit , join">Join Free Now !</button></a>

</div>

</div>

</div>

</div>

<footer class="footer">

<div class="footer-container">

<div class="footer-section">

<h3>About ShaikEstate</h3>

<p>We help you find the best properties at the best prices. Whether you're looking for a new home or an

investment, we’ve got you covered.</p>

</div>

<div class="footer-section">

<h3>Quick Links</h3>

<ul>

<li><a href="../HTML/home.html" class="navs">Home</a></li>

<li><a href="../HTML/Features.html" class="navs">Features</a></li>

<li><a href="../HTML/Projects.html" class="navs">Projects</a></li>

<li><a href="../HTML/Aboutus.html" class="navs">About</a></li>

<li><a href="../HTML/Contanctus.html" class="navs">Contact</a></li>

</ul>

</div>

<div class="footer-section">

<h3>Contact Us</h3>

<p><i class="fas fa-map-marker-alt"></i> 123 Main Street, Your City</p>

<p><i class="fas fa-phone-alt"></i> +1 (123) 456-7890</p>

<p><i class="fas fa-envelope"></i> info@shaikestate.com</p>

</div>

<div class="footer-section">

<h3>Follow Us</h3>

<div class="social-icons">

<a href="#"><i class="fab fa-facebook"></i></a>

<a href="#"><i class="fab fa-twitter"></i></a>

<a href="#"><i class="fab fa-instagram"></i></a>

<a href="#"><i class="fab fa-linkedin"></i></a>

</div>

</div>

</div>

</body>

</html>

**3.register\_next.php**

<?php

session\_start();

require\_once '../../config/db.php';

$success\_message = '';

$error\_message = '';

if ($\_SERVER['REQUEST\_METHOD'] === 'POST') {

$role = isset($\_POST['role']) ? trim($\_POST['role']) : '';

$name = isset($\_POST['name']) ? trim($\_POST['name']) : '';

$email = isset($\_POST['email']) ? trim($\_POST['email']) : '';

$password = isset($\_POST['password']) ? $\_POST['password'] : '';

$mobile = isset($\_POST['mobile']) ? trim($\_POST['mobile']) : '';

$city = isset($\_POST['city']) ? trim($\_POST['city']) : '';

// Basic validation

if (empty($role) || empty($name) || empty($email) || empty($password) || empty($mobile) || empty($city)) {

$error\_message = 'Please fill all required fields';

} elseif (!filter\_var($email, FILTER\_VALIDATE\_EMAIL)) {

$error\_message = 'Invalid email address';

} else {

// Hash password

$hashed\_password = password\_hash($password, PASSWORD\_DEFAULT);

// Check if email already exists

$email\_escaped = mysqli\_real\_escape\_string($mysqli, $email);

$query\_check = "SELECT user\_id FROM user WHERE email = '$email\_escaped'";

$result\_check = mysqli\_query($mysqli, $query\_check);

if (!$result\_check) {

$error\_message = 'Database error: ' . mysqli\_error($mysqli);

} elseif (mysqli\_num\_rows($result\_check) > 0) {

$error\_message = 'Email already registered';

} else {

// Insert user into database

$role\_escaped = mysqli\_real\_escape\_string($mysqli, $role);

$name\_escaped = mysqli\_real\_escape\_string($mysqli, $name);

$mobile\_escaped = mysqli\_real\_escape\_string($mysqli, $mobile);

$city\_escaped = mysqli\_real\_escape\_string($mysqli, $city);

$query\_insert = "INSERT INTO user (role, name, email, password, phone, city, createdAt, updatedAt) VALUES ('$role\_escaped', '$name\_escaped', '$email\_escaped', '$hashed\_password', '$mobile\_escaped', '$city\_escaped', NOW(), NOW())";

if (mysqli\_query($mysqli, $query\_insert)) {

$success\_message = 'User registered successfully';

} else {

$error\_message = 'Database error: ' . mysqli\_error($mysqli);

}

}

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

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

<title>New User Registration - RealEstateIndia</title>

<link rel="stylesheet" href="./style.css" />

<link rel="stylesheet" href="../../CSS/header.css" />

<link rel="stylesheet" href="../../CSS/footer.css" />

<style>

#slider-popup {

position: fixed;

top: 20px;

right: -400px;

width: 280px;

padding: 15px 20px;

background-color: #dc3545;

color: white;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);

border-radius: 5px 0 0 5px;

transition: right 1s linear;

z-index: 1000;

}

#slider-popup.show {

right: 20px;

}

#slider-close {

position: absolute;

top:25px;

left: 10px;

cursor: pointer;

font-weight: bold;

font-size: 18px;

}

</style>

</head>

<body>

<div id="header-placeholder">

<header class="Mainhead">

<nav class="navigator">

<a href="#"><img src="../../IMAGES/logo.png" alt="ShaikEstate" class="logo" id="header-logo" /></a>

<ul class="nav-menu">

<li><a href="#" class="navs">Home</a></li>

<li><a href="#" class="navs">Features</a></li>

<li><a href="#" class="navs">Projects</a></li>

<li><a href="#" class="navs">About</a></li>

<li><a href="#" class="navs">Contact</a></li>

</ul>

</nav>

</header>

</div>

<div id="slider-popup">

<span id="slider-close">&times;</span>

<p id="slider-message"></p>

</div>

<div class="container">

<form class="registration-form" id="registerForm" method="POST" action="">

<h2>New User Registration</h2>

<p>Create an Account to Avail the Best Real Estate Solutions</p>

<div class="radio-group">

<label>I am</label>

<label><input type="radio" name="role" value="Buyer" required <?php if (isset($role) && $role === 'Buyer') echo 'checked'; ?> /> Buyer</label>

<label><input type="radio" name="role" value="Seller" required <?php if (isset($role) && $role === 'Seller') echo 'checked'; ?> /> Seller</label>

<label><input type="radio" name="role" value="Builder" required <?php if (isset($role) && $role === 'Builder') echo 'checked'; ?> /> Builder</label>

</div>

<input type="text" name="name" placeholder="Your Name" required value="<?php echo isset($name) ? htmlspecialchars($name) : ''; ?>" />

<input type="email" name="email" placeholder="E-mail" required value="<?php echo isset($email) ? htmlspecialchars($email) : ''; ?>" />

<input type="password" name="password" placeholder="Password" required />

<small class="error-text">Enter Your Password</small>

<input type="text" name="city" placeholder="City" required value="<?php echo isset($city) ? htmlspecialchars($city) : ''; ?>" />

<div class="mobile-group">

<select name="country\_code" disabled>

<option value="+91">IND (+91)</option>

</select>

<input type="tel" name="mobile" placeholder="Phone" required value="<?php echo isset($mobile) ? htmlspecialchars($mobile) : ''; ?>" />

</div>

<label class="terms">

<input type="checkbox" required /> I agree to all the

<a href="#">Terms & Conditions</a>, <a href="#">Privacy Policy</a> stated herein.

</label>

<button type="submit">CONTINUE ➞</button>

<p class="login-text">Already Registered? <a href="../login.php">Login here</a></p>

</form>

</div>

<div class="footer-placeholder"></div>

<script>

document.addEventListener('DOMContentLoaded', () => {

// fetch("../../components/header.html")

// .then(res => res.text())

// .then(data => document.getElementById("header-placeholder").innerHTML = data);

fetch('../../components/footer.html')

.then((res) => res.text())

.then((data) => (document.getElementById('footer-placeholder').innerHTML = data));

const sliderPopup = document.getElementById('slider-popup');

const sliderMessage = document.getElementById('slider-message');

const sliderClose = document.getElementById('slider-close');

function showSlider(message, isError = true) {

sliderMessage.textContent = message;

sliderPopup.style.backgroundColor = isError ? '#dc3545' : '#28a745';

sliderPopup.classList.add('show');

setTimeout(() => {

sliderPopup.classList.remove('show');

}, 10000);

}

sliderClose.addEventListener('click', () => {

sliderPopup.classList.remove('show');

});

<?php if ($success\_message): ?>

showSlider("<?php echo addslashes($success\_message); ?>", false);

<?php elseif ($error\_message): ?>

showSlider("<?php echo addslashes($error\_message); ?>", true);

<?php endif; ?>

const form = document.getElementById('registerForm');

const passwordInput = form.querySelector('input[name="password"]');

const errorText = form.querySelector('.error-text');

form.addEventListener('submit', (e) => {

const password = passwordInput.value;

const passwordValid = validatePassword(password);

if (!passwordValid) {

e.preventDefault();

errorText.textContent =

'Password must be at least 8 characters, include uppercase, lowercase, number, and special character.';

errorText.style.color = 'red';

passwordInput.focus();

} else {

errorText.textContent = '';

}

});

function validatePassword(password) {

const minLength = 8;

const hasUpperCase = /[A-Z]/.test(password);

const hasLowerCase = /[a-z]/.test(password);

const hasNumber = /[0-9]/.test(password);

const hasSpecialChar = /[!@#$%^&\*(),.?":{}|<>]/.test(password);

return (

password.length >= minLength &&

hasUpperCase &&

hasLowerCase &&

hasNumber &&

hasSpecialChar

);

}

});

</script>

</body>

</html>