



**COMSATS University Islamabad, Abbottabad Campus**  
**Department of Electrical and Computer Engineering**  
**FALL –2024 Final Term**

Class: BCE 7A  
Subject: Web technologies  
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Date: 20 Dec, 2024  
Instructor: Dr. M Arif  
Registration #FA21-BCE-051

1. **Value** punctuality, perform lab tasks and demonstrate academic honesty by refraining from all forms of plagiarism (**A3-PLO8**)
2. **Implement** a given problem using HTML, CSS, JavaScript or PHP based computer programming (**P4-PLO5**).
3. **Prepare** and present a written report to communicate the synthesis involved in breaking down and coding the problem. (**C3-PLO10**).
4. Ability to confidently breakdown a real world programming problem of logical nature (**C4-PLO2**)

Weightage			
COGNITIVE		AFFECTIVE	PSYCHOMOTOR
10%	10%	10%	70%

**Q 1:** Discuss your semester web application project, covering the following aspects:

**1. Project overview and requirements**

**Project Overview:**

The real estate website is designed to connect property buyers, sellers, renters, and agents in a seamless, user-friendly platform. It aims to provide a comprehensive solution for users to browse, list, and manage properties efficiently. The platform will support dynamic content updates, a modern design aesthetic, and responsive features to cater to a wide range of devices.

**Key Objectives:**

- Allow users to browse properties by type, location, price range, and other filters.
- Enable property owners and agents to list properties for rent or sale easily.
- Provide a seamless communication channel between buyers/renters and sellers/agents.
- Ensure secure and scalable data handling for user information and property details.

**Requirement:**

- User Email, Name, and Mobile Number management
- Adding, editing, and removing property listings. Uploading property images

- Filters based on , property type, price, and contact details.
- Contact forms for inquiries.
- Admin dashboard with platform insights.
- Optimized for desktops, tablets, and smartphones.
- Security:
- Data encryption for user information.
- Protection against SQL injection and other common vulnerabilities.
- Ability to handle increasing users and listings as the platform grows.
- Intuitive interface with easy navigation.
- Accessibility features for differently-abled users.

## **2 Design and implementation decisions :**

### **Design:**

The website adopts a three-tier architecture:

- 1) **Presentation Layer:** The front-end, which includes HTML, CSS, and JavaScript, is used for user interactions.
- 2) **Application Layer:** PHP handles business logic, form submissions, and server-side interactions.
- 3) **Data Layer:** MySQL is used as the relational database for storing property listings, user data, and property information.

Accessibility features, such as ARIA roles and keyboard navigation, ensure the site is inclusive.

#### **4) Search and Filtering:**

Advanced filters allow users to search properties by type

### **Implementation decision:**

#### **1) Programming Language and Frameworks:**

Backend: PHP is chosen for its compatibility with shared hosting platforms and extensive community support.

Frontend: HTML, CSS, and JavaScript, enhanced with libraries like jQuery for dynamic functionality.

#### **2) Database Design:**

The MySQL database includes normalized tables for:

Users: To store user email, numbers and time, features of house

Properties: For property listings with attributes such as price, type, and features with email

and call button

### **3) database connections.**

Error logs are maintained on the server for debugging and monitoring.

- Hosting and Deployment:
- The website is hosted on a reliable server (e.g., Apache ) with support for PHP and MySQL

## **Testing and deployment strategies**

1. Tools like PHPUnit help ensure that individual components (user registration, property forms, search filters, etc.) work as expected. Focused testing ensures that any logic errors are caught before they affect the user experience.
2. Ensures the proper interaction between frontend and backend systems (PHP and MySQL).
3. Helps detect issues when data flows between different components of the website.
4. Verifies that all key user functionalities work as expected, such as property listings, search filters, and user inquiries. Ensures that forms, data entry, and display of property details are functioning without errors.

## **3 Challenges encountered and how they were addressed**

### **Database Connection & Configuration Issues**

Challenge: Difficulty in establishing a stable connection to the MySQL database, especially on shared hosting environments.

Solution:

Ensured correct database credentials and optimized configuration settings.

### **Data Integrity Issues with File Uploads**

Challenge: Ensuring data integrity when multiple users upload files simultaneously, leading to overwriting or inconsistent file naming.

Solution:

Implemented unique filenames using a combination of timestamps and random strings to avoid overwrites.

Added validation checks to ensure only valid file types (e.g., image formats) are uploaded.

### Database Queries & Linking Files

Challenge: Establishing proper database relationships between properties and their respective image files for retrieval and display.

Solution:

Created a properties table with a file\_path field to store the location of the uploaded images.

Ensured proper foreign key relationships to associate properties with their image files for seamless display on property pages.

### 4) Future enhancements and key takeaways from the project.

- Implement additional property filtering options to enhance user experience.
- Integrate real-time notifications for inquiries to streamline communication.
- Optimize the application for better performance on mobile devices.
- how to link a files , specially database and language PHP

### All Code (HTML,CSS,JS,PHP)

#### HTML CODE:

```
.....Main home .....

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Real Estate</title>
  <link rel="stylesheet" href="Home.css">
  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600&fam
ily=Roboto:wght@400;500&display=swap" rel="stylesheet">
</head>
<body>

  <!-- Header Section -->
  <header>
    <div class="container">
```

```

<div class="logo">
  <h1>RealEstate</h1>
</div>
<nav>
  <ul>
    <li><a href="#home">Home</a></li>
    <li><a href="#about">About</a></li>
    <li><a href="#services">Services</a></li>
    <li><a href="#contact">Contact</a></li>
    <li><a href="properties.html">Properties</a></li>
  </ul>
</nav>
</div>
</header>

<!-- Hero Section -->
<section class="hero" id="home">
  <div class="hero-content">
    <h2>Discover Your Dream Home with Us</h2>
    <h1>Find the Perfect Property for Your Lifestyle</h1>
  </div>
</section>

<!-- Why Choose Us Section -->
<section class="why-choose-us" id="services">
  <div class="section-heading">
    <h2 class="main-heading">Best Dreamkey Services</h2>
  </div>
  <div class="choose-us-grid">
    <!-- Card 1 -->
    <div class="choose-card">
      <div class="icon">
        
      </div>
      <h3>Trusted Service</h3>
      <p>We provide reliable and professional real estate services
you can trust.</p>
    </div>

    <!-- Card 2 -->
    <div class="choose-card">
      <div class="icon">
        
      </div>
      <h3>24/7 Customer Support</h3>
      <p>Our support team is always available to assist you at any
step.</p>
    </div>

    <!-- Card 3 -->

```

```

        <div class="choose-card">
            <div class="icon">
                
            </div>
            <h3>Affordable Prices</h3>
            <p>We offer properties at competitive and affordable
prices.</p>
        </div>
        <!-- Card 4 -->
        <div class="choose-card">
            <div class="icon">
                
            </div>
            <h3>Wide Property Network</h3>
            <p>Access thousands of properties across prime locations.</p>
        </div>
    </div>
</section>
<!-- Testimonials Section -->
<section class="testimonials">
    <div class="container">
        <!-- Testimonials Cards -->
        <div class="testimonials-grid">
            <!-- Testimonial 1 -->
            <div class="testimonial-card">
                <div class="client-img">
                    
                </div>
                <div class="testimonial-content">
                    <p>"The team at RealEstate helped me find my dream home
effortlessly. I highly recommend them!"</p>
                    <h3>John Doe</h3>
                    <span>New York, USA</span>
                </div>
            </div>
            <!-- Testimonial 2 -->
            <div class="testimonial-card">
                <div class="client-img">
                    
                </div>
                <div class="testimonial-content">
                    <p>"Smooth and professional service. They guided me at
every step of the buying process."</p>
                    <h3>Jane Smith</h3>
                    <span>Los Angeles, USA</span>
                </div>
            </div>
        </div>
    </div>

```

```

    <!-- Testimonial 3 -->
    <div class="testimonial-card">
        <div class="client-img">
            
        </div>
        <div class="testimonial-content">
            <p>"I sold my property at the best price, thanks to
RealEstate's expertise and wide network."</p>
            <h3>Michael Johnson</h3>
            <span>Chicago, USA</span>
        </div>
    </div>
</div>
</section>
<!-- Heading Section -->
<!-- Our Team Section -->
<section class="our-team" id="about">
    <div class="section-heading">
        <h2 class="main-heading">Our Experts Team</h2>
    </div>
    <!-- Team Member Cards -->
    <div class="team-grid">
        <!-- Team Member 1 -->
        <div class="team-card">
            <div class="team-img">
                
            </div>
            <div class="team-info">
                <h3>Mohiz Saleem</h3>
                <p>Senior Realtor</p>
            </div>
        </div>
        <!-- Team Member 2 -->
        <div class="team-card">
            <div class="team-img">
                
            </div>
            <div class="team-info">
                <h3>Sheryar Ahmed</h3>
                <p>Property Consultant</p>
            </div>
        </div>
        <!-- Team Member 3 -->
        <div class="team-card">
            <div class="team-img">
                
            </div>

```

```

        <div class="team-info">
            <h3>Muhammad Hashir</h3>
            <p>Client Manager</p>
        </div>
    </div>
    <!-- Team Member 4 -->
    <div class="team-card">
        <div class="team-img">
            
        </div>
        <div class="team-info">
            <h3>Muhammad Hassan</h3>
            <p>Marketing Specialist</p>
        </div>
    </div>
</div>
</section>
<section class="contact" id="contact">
    <div class="container">
        <h2>Contact Us</h2>
        <p>We'd love to hear from you! Reach out using the contact
details below.</p>
        <div class="contact-content">
            <!-- Contact Details -->
            <div class="contact-details">
                <div>
                    <h3>Address</h3>
                    <p>123 Real Estate Avenue<br>DreamCity, Islamabad G10</p>
                </div>
                <div>
                    <h3>Phone</h3>
                    <p>+92 3167116689</p>
                </div>
                <div>
                    <h3>Email</h3>
                    <p>butt030359ab@gmail.com</p>
                </div>
            </div>
            <!-- Decorative Image or Space -->
            <div class="contact-image">
                
            </div>
        </div>
    </div>
</section>
</body>
</html>

```



---

```

.background-grid img:hover {
  transform: scale(1.05); /* Slight zoom-in effect on hover */
  filter: blur(4px); /* Reduce blur on hover */
}

/* Header */
header {
  text-align: center;
  background-color: rgba(0, 0, 0, 0.7);
  padding: 20px;
}

h1 {
  margin: 0;
  font-size: 2rem;
}

/* Properties Section */
.properties-section {
  position: relative;
  text-align: center;
  margin-top: 150px;
  z-index: 1;
}

.properties-section h2 {
  font-size: 3rem;
  margin-bottom: 20px;
  color: rgb(255, 255, 255);
}

select#propertySelect {
padding: 15px;
font-size: 18px;
margin: auto; /* Added margin to ensure dropdown stays below H1 */
width: 300px; /* Larger width */
max-width: 80%;
border: 2px solid #ccc;
border-radius: 8px;
background-color: #f9f9f9; /* Subtle background for dropdown */
color: #333; /* Darker text for readability */
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2); /* Adds depth */
transition: all 0.3s ease; /* Smooth transitions */
z-index: 2; /* Ensure dropdown is above other elements */
}

select#propertySelect:focus {
  border-color: #006600; /* Highlight border when focused */
  outline: none; /* Remove default focus outline */
}

```

```

button#searchButton {
  padding: 15px 30px;
  font-size: 18px;
  background-color: #006600; /* Dark green */
  color: #ffffff; /* White text */
  border: none;
  border-radius: 8px;
  cursor: pointer;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2); /* Adds depth */
  transition: all 0.3s ease; /* Smooth transitions */
}

button#searchButton:hover {
  background-color: #004d00; /* Darker green on hover */
  transform: scale(1.05); /* Slightly enlarges on hover */
}

button#searchButton:active {
  background-color: #003300; /* Even darker green when clicked */
  transform: scale(0.95); /* Slightly shrinks when clicked */
}

</style>
</head>
<body>
  <form action="" method="post">
    <!-- Background Grid -->
    <div class="background-grid">
      
      
      
    </div>

    <!-- Header -->
    <header>
      <h1>RealEstate</h1>
    </header>

    <!-- Properties Section -->
    <section class="properties-section">
      <h2>Select Your Ideal Property</h2>
      <select id="propertySelect">
        <option value="" disabled selected>Select a property</option>
        <option value="2 people apartment">2 people apartment</option>
        <option value="family apartment">Family apartment</option>
        <option value="house">House</option>
        <option value="sea-facing">Sea-facing</option>
        <option value="near to city">Near to city</option>
      </select>
    </section>
  </form>
</body>

```

```

        <option value="Beautiful Villas">Beautiful villas</option>
    </select>
    <button id="searchButton" type="button">Search</button>
</section>
</form>
</body>
</html>
<script>
    const predefinedOptions = {
    "2 people apartment": {
        url: "2-people-apartment.html",
        rent: "$600/month",
        price: "$150,000",
        bedrooms: 2,
    },
    "family apartment": {
        url: "family-apartment.html",
        rent: "$1000/month",
        price: "$250,000",
        bedrooms: 4,
    },
    "house": {
        url: "house.html",
        rent: "$1,500/month",
        price: "$500,000",
        bedrooms: 6,
    },
    "sea-facing": {
        url: "sea-facing.html",
        rent: "$2000/month",
        price: "$600,000",
        bedrooms: 3,
    },
    "near to city": {
        url: "near-to-city.html",
        rent: "$2500/month",
        price: "$1000,000",
        bedrooms: 3,
    },
    "Beautiful Villas": {
        url: "villa.html",
        rent: "$5000/month",
        price: "$5000,000",
        bedrooms: 9,
    }
    };

    const propertySelect = document.getElementById("propertySelect");
    const searchButton = document.getElementById("searchButton");

```

```

// Add event listener for search button
searchButton.addEventListener("click", () => {
    const selectedProperty = propertySelect.value;

    if (selectedProperty) {
        const property = predefinedOptions[selectedProperty];
        if (property) {
            window.open(property.url, "_blank"); // Redirect to the
selected property page
        } else {
            alert("Page not available for the selected property.");
        }
    } else {
        alert("Please select a property.");
    }
});
</script>

```

## .....2 people Apartment.html .....

```

<!DOCTYPE html>
<html lang="en">
<head>
    <title>2 people Apartment</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
        }
        header {
            background: #4CAF50;
            color: white;
            text-align: center;
            padding: 10px 0;
        }
        h1 {
            margin: 0;
        }
        .container {
            margin: 20px auto;
            max-width: 1000px;
        }
        .gallery {
            display: flex;
            justify-content: space-between;
            gap: 10px;
        }
    </style>

```

```
.gallery img {
  width: 100%;
  max-width: 300px;
  height: 200px;
  object-fit: cover;
  cursor: pointer;
  border-radius: 8px;
  transition: transform 0.3s;
}
.gallery img:hover {
  transform: scale(1.05);
  box-shadow: 0 4px 8px rgba(0,0,0,0.3);
}
.property-details {
  margin-top: 20px;
  background-color: #f9f9f9;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 2px 5px rgba(0,0,0,0.2);
}
.details p {
  margin: 5px 0;
  font-size: 18px;
}
.details strong {
  color: #4CAF50;
}
.action-buttons {
  margin-top: 20px;
}
button {
  padding: 10px 20px;
  font-size: 16px;
  margin-right: 10px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
  transition: 0.3s;
}
.call-btn {
  background-color: #28a745;
  color: white;
}
.email-btn {
  background-color: #007bff;
  color: white;
}
.call-btn:hover {
```

```
    background-color: #218838;
}
.email-btn:hover {
    background-color: #0056b3;
}

.email-form-overlay{
    display: none;
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background: rgba(0, 0, 0, 0.7);
    z-index: 9999;
    justify-content: center;
    align-items: center;
}

.call-form, .email-form {
    background: #fff;
    padding: 20px;
    border-radius: 10px;
    max-width: 400px;
    text-align: center;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
}

.call-form h2, .email-form h2 {
    margin-top: 0;
    font-size: 24px;
    color: #333;
}

.call-form input, .email-form input,
.call-form button, .email-form button {
    width: 100%;
    margin-bottom: 15px;
    padding: 10px;
    font-size: 16px;
    border-radius: 5px;
    border: 1px solid #ddd;
}

.call-form input:focus, .email-form input:focus {
    border-color: #007bff;
    outline: none;
}

.close-btn {
    background: #d9534f;
    color: white;
    border: none;
```

```

        cursor: pointer;
        font-size: 16px;
        padding: 10px;
        border-radius: 5px;
        transition: background 0.3s;
    }
    .close-btn:hover {
        background: #c9302c;
    }

    /* Call form overlay styling */
    .call-form-overlay{
        display: none;
        position: fixed;
        top: 0;
        left: 0;
        width: 100%;
        height: 100%;
        background: rgba(0, 0, 0, 0.7);
        z-index: 9999;
        justify-content: center;
        align-items: center;
    }
    .call-form, .email-form {
        background: #fff;
        padding: 20px;
        border-radius: 10px;
        max-width: 400px;
        text-align: center;
        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
    }
    .call-form h2, .email-form h2 {
        margin-top: 0;
        font-size: 24px;
        color: #333;
    }
    .call-form button.copy-btn, .email-form button {
        width: auto;
        padding: 5px 10px;
        margin-left: 10px;
        background: #007bff;
        color: white;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        transition: background 0.3s;
    }
    .call-form button.copy-btn:hover {

```



```

        background: #0056b3;
    }
    .close-btn {
        background: #d9534f;
        color: white;
        border: none;
        cursor: pointer;
        font-size: 16px;
        padding: 10px;
        border-radius: 5px;
        transition: background 0.3s;
    }
    .close-btn:hover {
        background: #c9302c;
    }
}
</style>
</head>
<body>
    <header>
        <h1>2 people Apartment</h1>
    </header>

    <div class="container">
        <div class="gallery">
            
            
            
        </div>

        <div class="property-details" id="property-details">
            <h2>Property Details</h2>
            <div class="details">
                <p><strong>Rental Price:</strong> <span id="rental-
price">$800/month</span></p>
                <p><strong>Selling Price:</strong> <span id="selling-
price">$150,000</span></p>
                <p><strong>Bedrooms:</strong> <span id="bedrooms">3</span></p>
            </div>
            <div class="action-buttons">
                <button class="call-btn" onclick="openCallForm()">Call</button>
                <button class="email-btn"
onclick="openEmailForm()">Email</button>
            </div>
        </div>
    </div>

```

```

<!-- Call Form -->
<div class="call-form-overlay" id="callFormOverlay">
  <div class="call-form">
    <h2>Contact via Call</h2>
    <p><strong>WhatsApp:</strong> <span
id="whatsappNumber">+1234567890</span>
      <button class="copy-btn"
onclick="copyNumber('whatsappNumber')">Copy</button>
    </p>
    <p><strong>Telephone:</strong> <span
id="telephoneNumber">+0987654321</span>
      <button class="copy-btn"
onclick="copyNumber('telephoneNumber')">Copy</button>
    </p>
    <button class="close-btn"
onclick="closeCallForm()">Close</button>
  </div>
</div>

<!-- Email Form -->
<div class="email-form-overlay" id="emailFormOverlay">
<div class="email-form">
  <h2>Contact via Email</h2>
  <form action="submit.php" method="POST">
    <input type="hidden" name="property_name">
    <input type="hidden" name="rental">
    <input type="hidden" name="selling">
    <input type="hidden" name="bedrooms">
    <input type="text" name="user_name" placeholder="Enter Your Name"
required>
    <input type="tel" name="user_phone" placeholder="Enter Your Mobile
Number" required>
    <input type="email" name="user_email" placeholder="Enter Your
Email" required>
    <button type="submit">Send Email</button>
  </form>

  </div>
</div>

</body>
</html>

<script>
  // Call Form Functions
function openCallForm() {
  document.getElementById('callFormOverlay').style.display = 'flex';
}

```

```

function closeCallForm() {
    document.getElementById('callFormOverlay').style.display = 'none';
}
function copyNumber(id) {
    const text = document.getElementById(id).textContent;
    navigator.clipboard.writeText(text)
        .then(() => alert(`${text} copied to clipboard!`))
        .catch(err => alert("Failed to copy!"));
}

// Email Form Functions
function openEmailForm() {
    document.getElementById('emailFormOverlay').style.display = 'flex';
}
function closeEmailForm() {
    document.getElementById('emailFormOverlay').style.display = 'none';
}

// Dynamic property details update
function showDetails(name, rentalPrice, sellingPrice, bedrooms) {
    document.querySelector('#property-details h2').innerText = name + "
Details";
    document.getElementById('rental-price').innerText = rentalPrice;
    document.getElementById('selling-price').innerText = sellingPrice;
    document.getElementById('bedrooms').innerText = bedrooms;

    document.querySelector('input[name="property_name"]').value = name
+ " Details";
    document.querySelector('input[name="rental"]').value = rentalPrice;
    document.querySelector('input[name="selling"]').value =
sellingPrice;
    document.querySelector('input[name="bedrooms"]').value = bedrooms;
}

// Handle Email Form Submission
document.querySelector(".email-form form").addEventListener("submit",
(e) => {
    e.preventDefault(); // Prevent default form submission
    const form = e.target; // Get the form element
    const formData = new FormData(form); // Create FormData object

    fetch(form.action, {
        method: form.method,
        body: formData,
    })
        .then((response) => response.text())
        .then((data) => {
            alert(data); // Display server response

```

```

        form.reset(); // Clear form fields
        closeEmailForm(); // Close the form overlay
    })
    .catch((error) => {
        console.error("Error:", error);
        alert("There was an error submitting the form.");
    });
});

</script>
.....Family Apartment.html .....

<!DOCTYPE html>
<html lang="en">
<head>
    <title>family apartment</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            padding: 0;
        }
        header {
            background: #4CAF50;
            color: white;
            text-align: center;
            padding: 10px 0;
        }
        h1 {
            margin: 0;
        }
        .container {
            margin: 20px auto;
            max-width: 1000px;
        }
        .gallery {
            display: flex;
            justify-content: space-between;
            gap: 10px;
        }
        .gallery img {
            width: 100%;
            max-width: 300px;
            height: 200px;
            object-fit: cover;
            cursor: pointer;
            border-radius: 8px;
            transition: transform 0.3s;
        }
    </style>

```

```
.gallery img:hover {
  transform: scale(1.05);
  box-shadow: 0 4px 8px rgba(0,0,0,0.3);
}
.property-details {
  margin-top: 20px;
  background-color: #f9f9f9;
  padding: 20px;
  border-radius: 8px;
  box-shadow: 0 2px 5px rgba(0,0,0,0.2);
}
.details p {
  margin: 5px 0;
  font-size: 18px;
}
.details strong {
  color: #4CAF50;
}
.action-buttons {
  margin-top: 20px;
}
button {
  padding: 10px 20px;
  font-size: 16px;
  margin-right: 10px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
  transition: 0.3s;
}
.call-btn {
  background-color: #28a745;
  color: white;
}
.email-btn {
  background-color: #007bff;
  color: white;
}
.call-btn:hover {
  background-color: #218838;
}
.email-btn:hover {
  background-color: #0056b3;
}
.email-form-overlay{
  display: none;
  position: fixed;
  top: 0;
```

```

    left: 0;
    width: 100%;
    height: 100%;
    background: rgba(0, 0, 0, 0.7);
    z-index: 9999;
    justify-content: center;
    align-items: center;
}
.call-form, .email-form {
    background: #fff;
    padding: 20px;
    border-radius: 10px;
    max-width: 400px;
    text-align: center;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
}
.call-form h2, .email-form h2 {
    margin-top: 0;
    font-size: 24px;
    color: #333;
}
.call-form input, .email-form input,
.call-form button, .email-form button {
    width: 100%;
    margin-bottom: 15px;
    padding: 10px;
    font-size: 16px;
    border-radius: 5px;
    border: 1px solid #ddd;
}
.call-form input:focus, .email-form input:focus {
    border-color: #007bff;
    outline: none;
}
.close-btn {
    background: #d9534f;
    color: white;
    border: none;
    cursor: pointer;
    font-size: 16px;
    padding: 10px;
    border-radius: 5px;
    transition: background 0.3s;
}
.close-btn:hover {
    background: #c9302c;
}

```

```
/* Call form overlay styling */
.call-form-overlay{
  display: none;
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background: rgba(0, 0, 0, 0.7);
  z-index: 9999;
  justify-content: center;
  align-items: center;
}
.call-form, .email-form {
  background: #fff;
  padding: 20px;
  border-radius: 10px;
  max-width: 400px;
  text-align: center;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
}
.call-form h2, .email-form h2 {
  margin-top: 0;
  font-size: 24px;
  color: #333;
}
.call-form button.copy-btn, .email-form button {
  width: auto;
  padding: 5px 10px;
  margin-left: 10px;
  background: #007bff;
  color: white;
  border: none;
  border-radius: 5px;
  cursor: pointer;
  transition: background 0.3s;
}
.call-form button.copy-btn:hover {
  background: #0056b3;
}
.close-btn {
  background: #d9534f;
  color: white;
  border: none;
  cursor: pointer;
  font-size: 16px;
  padding: 10px;
  border-radius: 5px;
}
```

```

        transition: background 0.3s;
    }
    .close-btn:hover {
        background: #c9302c;
    }
}
</style>
</head>
<body>
    <header>
        <h1>family apartment</h1>
    </header>

    <div class="container">
        <div class="gallery">
            
            
            
        </div>

        <div class="property-details" id="property-details">
            <h2>Property Details</h2>
            <div class="details">
                <p><strong>Rental Price:</strong> <span id="rental-
price">$800/month</span></p>
                <p><strong>Selling Price:</strong> <span id="selling-
price">$150,000</span></p>
                <p><strong>Bedrooms:</strong> <span id="bedrooms">3</span></p>
            </div>
            <div class="action-buttons">
                <button class="call-btn" onclick="openCallForm()">Call</button>
                <button class="email-btn"
onclick="openEmailForm()">Email</button>
            </div>
        </div>
    </div>

    <!-- Call Form -->
    <div class="call-form-overlay" id="callFormOverlay">
        <div class="call-form">
            <h2>Contact via Call</h2>
            <p><strong>WhatsApp:</strong> <span
id="whatsappNumber">+1234567890</span>
                <button class="copy-btn"
onclick="copyNumber('whatsappNumber')">Copy</button>
            </p>
            <p><strong>Telephone:</strong> <span

```



```

id="telephoneNumber">+0987654321</span>
    <button class="copy-btn"
onclick="copyNumber('telephoneNumber')">Copy</button>
    </p>
    <button class="close-btn"
onclick="closeCallForm()">Close</button>
    </div>
</div>

<!-- Email Form -->
<div class="email-form-overlay" id="emailFormOverlay">
<div class="email-form">
    <h2>Contact via Email</h2>
    <form action="submit.php" method="POST">
    <input type="hidden" name="property_name">
    <input type="hidden" name="rental">
    <input type="hidden" name="selling">
    <input type="hidden" name="bedrooms">
    <input type="text" name="user_name" placeholder="Enter Your Name"
required>
    <input type="tel" name="user_phone" placeholder="Enter Your Mobile
Number" required>
    <input type="email" name="user_email" placeholder="Enter Your
Email" required>
    <button type="submit">Send Email</button>
</form>

    </div>
</div>

</body>
</html>

<script>
    // Call Form Functions
function openCallForm() {
    document.getElementById('callFormOverlay').style.display = 'flex';
}
function closeCallForm() {
    document.getElementById('callFormOverlay').style.display = 'none';
}
function copyNumber(id) {
    const text = document.getElementById(id).textContent;
    navigator.clipboard.writeText(text)
        .then(() => alert(`${text} copied to clipboard!`))
        .catch(err => alert("Failed to copy!"));
}

// Email Form Functions

```

```

function openEmailForm() {
    document.getElementById('emailFormOverlay').style.display = 'flex';
}
function closeEmailForm() {
    document.getElementById('emailFormOverlay').style.display = 'none';
}

// Dynamic property details update
function showDetails(name, rentalPrice, sellingPrice, bedrooms) {
    document.querySelector('#property-details h2').innerText = name + "
Details";
    document.getElementById('rental-price').innerText = rentalPrice;
    document.getElementById('selling-price').innerText = sellingPrice;
    document.getElementById('bedrooms').innerText = bedrooms;

    document.querySelector('input[name="property_name"]').value = name
+ " Details";
    document.querySelector('input[name="rental"]').value = rentalPrice;
    document.querySelector('input[name="selling"]').value =
sellingPrice;
    document.querySelector('input[name="bedrooms"]').value = bedrooms;
}

// Handle Email Form Submission
document.querySelector(".email-form form").addEventListener("submit",
(e) => {
    e.preventDefault(); // Prevent default form submission
    const form = e.target; // Get the form element
    const formData = new FormData(form); // Create FormData object

    fetch(form.action, {
        method: form.method,
        body: formData,
    })
        .then((response) => response.text())
        .then((data) => {
            alert(data); // Display server response
            form.reset(); // Clear form fields
            closeEmailForm(); // Close the form overlay
        })
        .catch((error) => {
            console.error("Error:", error);
            alert("There was an error submitting the form.");
        });
});

</script>

```

.....House.html .....

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>house</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
    }
    header {
      background: #4CAF50;
      color: white;
      text-align: center;
      padding: 10px 0;
    }
    h1 {
      margin: 0;
    }
    .container {
      margin: 20px auto;
      max-width: 1000px;
    }
    .gallery {
      display: flex;
      justify-content: space-between;
      gap: 10px;
    }
    .gallery img {
      width: 100%;
      max-width: 300px;
      height: 200px;
      object-fit: cover;
      cursor: pointer;
      border-radius: 8px;
      transition: transform 0.3s;
    }
    .gallery img:hover {
      transform: scale(1.05);
      box-shadow: 0 4px 8px rgba(0,0,0,0.3);
    }
    .property-details {
      margin-top: 20px;
      background-color: #f9f9f9;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 2px 5px rgba(0,0,0,0.2);
    }
  </style>
</head>
</html>
```

```
.details p {
  margin: 5px 0;
  font-size: 18px;
}
.details strong {
  color: #4CAF50;
}
.action-buttons {
  margin-top: 20px;
}
button {
  padding: 10px 20px;
  font-size: 16px;
  margin-right: 10px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
  transition: 0.3s;
}
.call-btn {
  background-color: #28a745;
  color: white;
}
.email-btn {
  background-color: #007bff;
  color: white;
}
.call-btn:hover {
  background-color: #218838;
}
.email-btn:hover {
  background-color: #0056b3;
}

.email-form-overlay{
  display: none;
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background: rgba(0, 0, 0, 0.7);
  z-index: 9999;
  justify-content: center;
  align-items: center;
}
.call-form, .email-form {
  background: #fff;
```

```

padding: 20px;
border-radius: 10px;
max-width: 400px;
text-align: center;
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
}
.call-form h2, .email-form h2 {
margin-top: 0;
font-size: 24px;
color: #333;
}
.call-form input, .email-form input,
.call-form button, .email-form button {
width: 100%;
margin-bottom: 15px;
padding: 10px;
font-size: 16px;
border-radius: 5px;
border: 1px solid #ddd;
}
.call-form input:focus, .email-form input:focus {
border-color: #007bff;
outline: none;
}
.close-btn {
background: #d9534f;
color: white;
border: none;
cursor: pointer;
font-size: 16px;
padding: 10px;
border-radius: 5px;
transition: background 0.3s;
}
.close-btn:hover {
background: #c9302c;
}

/* Call form overlay styling */
.call-form-overlay{
display: none;
position: fixed;
top: 0;
left: 0;
width: 100%;
height: 100%;
background: rgba(0, 0, 0, 0.7);
z-index: 9999;

```

```

        justify-content: center;
        align-items: center;
    }
    .call-form, .email-form {
        background: #fff;
        padding: 20px;
        border-radius: 10px;
        max-width: 400px;
        text-align: center;
        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3);
    }
    .call-form h2, .email-form h2 {
        margin-top: 0;
        font-size: 24px;
        color: #333;
    }
    .call-form button.copy-btn, .email-form button {
        width: auto;
        padding: 5px 10px;
        margin-left: 10px;
        background: #007bff;
        color: white;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        transition: background 0.3s;
    }
    .call-form button.copy-btn:hover {
        background: #0056b3;
    }
    .close-btn {
        background: #d9534f;
        color: white;
        border: none;
        cursor: pointer;
        font-size: 16px;
        padding: 10px;
        border-radius: 5px;
        transition: background 0.3s;
    }
    .close-btn:hover {
        background: #c9302c;
    }
</style>
</head>
<body>
    <header>
        <h1>house</h1>

```

```

</header>

<div class="container">
  <div class="gallery">
    
    
    
  </div>

  <div class="property-details" id="property-details">
    <h2>Property Details</h2>
    <div class="details">
      <p><strong>Rental Price:</strong> <span id="rental-
price">$800/month</span></p>
      <p><strong>Selling Price:</strong> <span id="selling-
price">$150,000</span></p>
      <p><strong>Bedrooms:</strong> <span id="bedrooms">3</span></p>
    </div>
    <div class="action-buttons">
      <button class="call-btn" onclick="openCallForm()">Call</button>
      <button class="email-btn"
onclick="openEmailForm()">Email</button>
    </div>
  </div>
</div>

<!-- Call Form -->
<div class="call-form-overlay" id="callFormOverlay">
  <div class="call-form">
    <h2>Contact via Call</h2>
    <p><strong>WhatsApp:</strong> <span
id="whatsappNumber">+1234567890</span>
      <button class="copy-btn"
onclick="copyNumber('whatsappNumber')">Copy</button>
    </p>
    <p><strong>Telephone:</strong> <span
id="telephoneNumber">+0987654321</span>
      <button class="copy-btn"
onclick="copyNumber('telephoneNumber')">Copy</button>
    </p>
    <button class="close-btn"
onclick="closeCallForm()">Close</button>
  </div>

```

```

</div>
<!-- Email Form -->
<div class="email-form-overlay" id="emailFormOverlay">
  <div class="email-form">
    <h2>Contact via Email</h2>
    <form action="submit.php" method="POST">
      <input type="hidden" name="property_name">
      <input type="hidden" name="rental">
      <input type="hidden" name="selling">
      <input type="hidden" name="bedrooms">
      <input type="text" name="user_name" placeholder="Enter Your Name"
required>
      <input type="tel" name="user_phone" placeholder="Enter Your Mobile
Number" required>
      <input type="email" name="user_email" placeholder="Enter Your
Email" required>
      <button type="submit">Send Email</button>
    </form>
  </div>
</div>
</body>
</html>
<script>
  // Call Form Functions
function openCallForm() {
  document.getElementById('callFormOverlay').style.display = 'flex';
}
function closeCallForm() {
  document.getElementById('callFormOverlay').style.display = 'none';
}
function copyNumber(id) {
  const text = document.getElementById(id).textContent;
  navigator.clipboard.writeText(text)
    .then(() => alert(`${text} copied to clipboard!`))
    .catch(err => alert("Failed to copy!"));
}

// Email Form Functions
function openEmailForm() {
  document.getElementById('emailFormOverlay').style.display = 'flex';
}
function closeEmailForm() {
  document.getElementById('emailFormOverlay').style.display = 'none';
}

// Dynamic property details update
function showDetails(name, rentalPrice, sellingPrice, bedrooms) {
  document.querySelector('#property-details h2').innerText = name + "

```



```

Details";
    document.getElementById('rental-price').innerText = rentalPrice;
    document.getElementById('selling-price').innerText = sellingPrice;
    document.getElementById('bedrooms').innerText = bedrooms;

    document.querySelector('input[name="property_name"]').value = name
+ " Details";
    document.querySelector('input[name="rental"]').value = rentalPrice;
    document.querySelector('input[name="selling"]').value =
sellingPrice;
    document.querySelector('input[name="bedrooms"]').value = bedrooms;
}

// Handle Email Form Submission
document.querySelector(".email-form form").addEventListener("submit",
(e) => {
    e.preventDefault(); // Prevent default form submission
    const form = e.target; // Get the form element
    const formData = new FormData(form); // Create FormData object

    fetch(form.action, {
        method: form.method,
        body: formData,
    })
        .then((response) => response.text())
        .then((data) => {
            alert(data); // Display server response
            form.reset(); // Clear form fields
            closeEmailForm(); // Close the form overlay
        })
        .catch((error) => {
            console.error("Error:", error);
            alert("There was an error submitting the form.");
        });
});

</script>

```

**.....ALL Other properties same as these above  
only property features and images  
change .....**

## CSS CODE:

```

/* Reset and Global Styles */
* {
    margin: 0;

```

```
padding: 0;
box-sizing: border-box;
}
body {
  font-family: 'Roboto', sans-serif;
  background-color: #f4f4f4;
  height: auto; /* Allow height to adjust dynamically */
  overflow-y: auto;
}

h1, h2 {
  font-family: 'Poppins', sans-serif;
}

/* Header Styling */
header {
  position: absolute; /* Makes the header float over the hero image */
  width: 100%;
  top: 0;
  left: 0;
  padding: 20px;
  z-index: 10;
  background: transparent;
}

.container {
  display: flex;
  justify-content: space-between;
  align-items: center;
  max-width: 1200px;
  margin: 0 auto;
  height: auto; /* Ensure content is visible */
  overflow: visible; /* Allow scrolling if content overflows */
  height: auto;
}

.logo h1 {
  font-size: 30px;
  font-weight: 600;
  color: #fff;
}

nav ul {
  list-style: none;
  display: flex;
  gap: 30px;
}

nav ul li {
```

```
    display: inline;
}

nav ul li a {
    color: #fff;
    text-decoration: none;
    font-weight: 500;
    font-size: 16px;
    text-transform: uppercase;
    letter-spacing: 1px;
}

nav ul li a:hover {
    color: #ff6f61;
}

/* Search Styling */
.search {
    display: inline;
    align-items: center;
}

.search input {
    padding: 10px;
    font-size: 16px;
    margin-right: 10px;
    border-radius: 5px;
    border: 2px solid #ccc;
    width: 250px;
}

.search button {
    background-color: #ff6f61;
    color: #fff;
    padding: 10px 20px;
    font-size: 16px;
    border: none;
    cursor: pointer;
    border-radius: 5px;
    text-decoration: none;
}

.search button:hover {
    background-color: #e65b50;
}

/* Hero Section Styling */
.hero {
    background-image:
        linear-gradient(to bottom, rgba(0, 0, 0, 0.28), rgba(0, 0, 0,
```

```

0.56)), /* Gradient overlay */
    url('hero.jpg'); /* Replace with actual image URL */
background-size: cover;
background-position: center;
height: 100vh;
display: flex;
justify-content: center;
align-items: center;
text-align: center;
color: white;
position: relative;
min-height: 100vh; /* Ensure hero section takes up the full viewport
height */
}
.hero-content {
    z-index: 2;
    max-width: 800px;
}

.hero h2 {
    font-size: 30px;
    font-weight: 500;
    margin-bottom: 10px;
}

.hero h1 {
    font-size: 60px;
    font-weight: 600;
    margin-bottom: 20px;
}

.hero .btn {
    background-color: #ff6f61;
    color: #fff;
    padding: 10px 30px;
    font-size: 16px;
    border: none;
    cursor: pointer;
    border-radius: 5px;
    text-decoration: none;
}

.hero-content {
    text-align: center;
    margin: 0 auto;
    padding: 40px 20px; /* Increased padding for better spacing */
    position: relative; /* Ensure proper layout positioning */
    z-index: 1; /* Keep this content above other elements */
    margin-bottom: 30px;
}

```

```

.hero-content h2,
.hero-content h1 {
  color: #ffffff; /* White text */
  text-shadow: 0 2px 4px rgba(0, 0, 0, 0.5); /* Add text shadow */
  margin-bottom: 30px; /* Add space below headings */
}

/* Heading Section */
.section-heading {
  background: linear-gradient(to right, #fcfafa, #fffdfd);
  color: #020202;
  text-align: center;
  padding: 80px 20px;
  position: relative;
  overflow: hidden;
}

.section-heading h2 {
  font-size: 48px;
  font-weight: 700;
  margin-bottom: 15px;
  animation: fadeInDown 1s ease-in-out;
}

.section-heading p {
  font-size: 20px;
  font-weight: 400;
  max-width: 600px;
  margin: 0 auto;
  animation: fadeInUp 1s ease-in-out;
}

@keyframes fadeInDown {
  0% {
    opacity: 0;
    transform: translateY(-20px);
  }
  100% {
    opacity: 1;
    transform: translateY(0);
  }
}

@keyframes fadeInUp {
  0% {
    opacity: 0;
    transform: translateY(20px);
  }
  100% {

```

```

        opacity: 1;
        transform: translateY(0);
    }
}

/* Property Cards Section */
.property-section {
    padding: 70px 20px;
}

.property-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));
    gap: 30px;
    max-width: 1200px;
    margin: 0 auto;
}

.property-card {
    background: #fff;
    border-radius: 12px;
    overflow: hidden;
    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
    transition: transform 0.3s ease, box-shadow 0.3s ease;
}

.property-card:hover {
    transform: translateY(-10px);
    box-shadow: 0 8px 18px rgba(0, 0, 0, 0.2);
}

.property-card img {
    width: 100%;
    height: 200px;
    object-fit: cover;
}

.property-content {
    padding: 20px;
    text-align: left;
}

.property-content h3 {
    font-size: 20px;
    font-weight: 600;
    color: #333;
    margin-bottom: 10px;
}

.property-content p {

```

```
font-size: 16px;
color: #777;
margin-bottom: 8px;
}

.price {
font-size: 18px;
font-weight: 700;
color: #ff6f61;
}

.btn-details {
display: inline-block;
margin-top: 10px;
padding: 8px 16px;
background: #ff6f61;
color: #fff;
text-decoration: none;
border-radius: 5px;
transition: background 0.3s ease;
}

.btn-details:hover {
background: #e65b50;
}

/* Responsive Design */
@media (max-width: 768px) {
.section-heading h2 {
font-size: 32px;
}

.section-heading p {
font-size: 18px;
}

.property-card img {
height: 180px;
}
}

/* Why Choose Us Section */
.why-choose-us {
background-color: #fff;
padding: 80px 20px;
text-align: center;
}

.choose-us-heading {
margin-bottom: 50px;
}
```

```
.choose-us-heading h2 {
  font-size: 40px;
  font-weight: 700;
  color: #333;
  margin-bottom: 10px;
}

.choose-us-heading p {
  font-size: 18px;
  color: #777;
  max-width: 600px;
  margin: 0 auto;
}

.choose-us-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
  gap: 30px;
  max-width: 1200px;
  margin: 0 auto;
}

.choose-card {
  background: #f9f9f9;
  padding: 30px;
  border-radius: 12px;
  box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
  transition: transform 0.3s ease, box-shadow 0.3s ease;
}

.choose-card:hover {
  transform: translateY(-10px);
  box-shadow: 0 8px 18px rgba(0, 0, 0, 0.2);
}

.choose-card .icon {
  margin-bottom: 20px;
}

.choose-card .icon img {
  width: 60px;
  height: 60px;
}

.choose-card h3 {
  font-size: 22px;
  font-weight: 600;
  color: #333;
  margin-bottom: 10px;
}
```



```
}

.choose-card p {
  font-size: 16px;
  color: #777;
  line-height: 1.5;
}

/* Responsive Design */
@media (max-width: 768px) {
  .choose-us-heading h2 {
    font-size: 30px;
  }
  .choose-us-heading p {
    font-size: 16px;
  }
}

/* Testimonials Section */
.testimonials {
  background-color: #f9f9f9;
  padding: 80px 20px;
  text-align: center;
}

.testimonials-heading {
  margin-bottom: 50px;
}

.testimonials-heading h2 {
  font-size: 40px;
  font-weight: 700;
  color: #333;
  margin-bottom: 10px;
}

.testimonials-heading p {
  font-size: 18px;
  color: #777;
  max-width: 600px;
  margin: 0 auto;
}

.testimonials-grid {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));
  gap: 30px;
  max-width: 1200px;
  margin: 0 auto;
}
```

```

.testimonial-card {
  background: #fff;
  padding: 30px;
  border-radius: 12px;
  box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
  text-align: left;
  transition: transform 0.3s ease, box-shadow 0.3s ease;
}

.testimonial-card:hover {
  transform: translateY(-10px);
  box-shadow: 0 8px 18px rgba(0, 0, 0, 0.2);
}

.testimonial-card .client-img {
  width: 80px;
  height: 80px;
  border-radius: 50%;
  overflow: hidden;
  margin-bottom: 15px;
}

.testimonial-card .client-img img {
  width: 100%;
  height: 100%;
  object-fit: cover;
}

.testimonial-card p {
  font-size: 16px;
  color: #555;
  line-height: 1.6;
  margin-bottom: 15px;
}

.testimonial-card h3 {
  font-size: 18px;
  font-weight: 600;
  color: #333;
  margin-bottom: 5px;
}

.testimonial-card span {
  font-size: 14px;
  color: #777;
}

/* Responsive Design */
@media (max-width: 768px) {
  .testimonials-heading h2 {

```

```
        font-size: 30px;
    }
    .testimonials-heading p {
        font-size: 16px;
    }
}
/* Our Team Section */
.our-team {
    background-color: #ffffff;
    padding: 80px 20px;
    text-align: center;
}

.team-heading {
    margin-bottom: 50px;
}

.team-heading h2 {
    font-size: 40px;
    font-weight: 700;
    color: #333;
    margin-bottom: 10px;
}

.team-heading p {
    font-size: 18px;
    color: #777;
    max-width: 600px;
    margin: 0 auto;
}

/* Team Grid */
.team-grid {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    gap: 30px;
    max-width: 1200px;
    margin: 0 auto;
}

/* Team Card */
.team-card {
    background: #f9f9f9;
    border-radius: 10px;
    overflow: hidden;
    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
    transition: transform 0.3s ease, box-shadow 0.3s ease;
}

.team-card:hover {
```

```
    transform: translateY(-10px);
    box-shadow: 0 8px 18px rgba(0, 0, 0, 0.2);
}

.team-img {
    width: 100%;
    height: 250px;
    overflow: hidden;
}

.team-img img {
    width: 100%;
    height: 100%;
    object-fit: cover;
}

.team-info {
    padding: 20px;
}

.team-info h3 {
    font-size: 20px;
    font-weight: 600;
    color: #333;
    margin-bottom: 5px;
}

.team-info p {
    font-size: 16px;
    color: #777;
}

/* Responsive Design */
@media (max-width: 768px) {
    .team-heading h2 {
        font-size: 30px;
    }

    .team-heading p {
        font-size: 16px;
    }
}

.contact {
    background-color: #f7f7f7;
    padding: 50px 20px;
    text-align: center;
}

.contact h2 {
    font-size: 2.5rem;
```

```
margin-bottom: 20px;
color: #333;
}

.contact p {
  font-size: 1.2rem;
  margin-bottom: 40px;
  color: #666;
}

.contact-content {
  display: flex;
  justify-content: space-between;
  align-items: center;
  flex-wrap: wrap;
  gap: 20px;
}

.contact-details {
  flex: 1;
  text-align: left;
  max-width: 600px;
}

.contact-details div {
  margin-bottom: 20px;
}

.contact-details h3 {
  font-size: 1.2rem;
  color: #007BFF;
  margin-bottom: 5px;
}

.contact-details p {
  font-size: 1rem;
  color: #555;
}

.contact-image {
  flex: 1;
  max-width: 500px;
}

.contact-image img {
  width: 100%;
  border-radius: 10px;
  box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
}
```

### Java Script code:

```
<script>
    const predefinedOptions = {
      "2 people apartment": {
        url: "2-people-apartment.html",
        rent: "$600/month",
        price: "$150,000",
        bedrooms: 2,
      },
      "family apartment": {
        url: "family-apartment.html",
        rent: "$1000/month",
        price: "$250,000",
        bedrooms: 4,
      },
      "house": {
        url: "house.html",
        rent: "$1,500/month",
        price: "$500,000",
        bedrooms: 6,
      },
      "sea-facing": {
        url: "sea-facing.html",
        rent: "$2000/month",
        price: "$600,000",
        bedrooms: 3,
      },
      "near to city": {
        url: "near-to-city.html",
        rent: "$2500/month",
        price: "$1000,000",
        bedrooms: 3,
      },
      "Beautiful Villas": {
        url: "villa.html",
        rent: "$5000/month",
        price: "$5000,000",
        bedrooms: 9,
      }
    };

    const propertySelect = document.getElementById("propertySelect");
    const searchButton = document.getElementById("searchButton");

    // Add event listener for search button
    searchButton.addEventListener("click", () => {
      const selectedProperty = propertySelect.value;

      if (selectedProperty) {
```

```

        const property = predefinedOptions[selectedProperty];
        if (property) {
            window.open(property.url, "_blank"); // Redirect to the
selected property page
        } else {
            alert("Page not available for the selected property.");
        }
    } else {
        alert("Please select a property.");
    }
});
</script>

<script>
    // Call Form Functions
    function openCallForm() {
        document.getElementById('callFormOverlay').style.display = 'flex';
    }
    function closeCallForm() {
        document.getElementById('callFormOverlay').style.display = 'none';
    }
    function copyNumber(id) {
        const text = document.getElementById(id).textContent;
        navigator.clipboard.writeText(text)
            .then(() => alert(`${text} copied to clipboard!`))
            .catch(err => alert("Failed to copy!"));
    }

    // Email Form Functions
    function openEmailForm() {
        document.getElementById('emailFormOverlay').style.display = 'flex';
    }
    function closeEmailForm() {
        document.getElementById('emailFormOverlay').style.display = 'none';
    }

    // Dynamic property details update
    function showDetails(name, rentalPrice, sellingPrice, bedrooms) {
        document.querySelector('#property-details h2').innerText = name + "
Details";
        document.getElementById('rental-price').innerText = rentalPrice;
        document.getElementById('selling-price').innerText = sellingPrice;
        document.getElementById('bedrooms').innerText = bedrooms;

        document.querySelector('input[name="property_name"]').value = name
+ " Details";
        document.querySelector('input[name="rental"]').value = rentalPrice;
        document.querySelector('input[name="selling"]').value =

```

```

sellingPrice;
    document.querySelector('input[name="bedrooms"]').value = bedrooms;

}

// Handle Email Form Submission
document.querySelector(".email-form form").addEventListener("submit",
(e) => {
    e.preventDefault(); // Prevent default form submission
    const form = e.target; // Get the form element
    const formData = new FormData(form); // Create FormData object

    fetch(form.action, {
        method: form.method,
        body: formData,
    })
        .then((response) => response.text())
        .then((data) => {
            alert(data); // Display server response
            form.reset(); // Clear form fields
            closeEmailForm(); // Close the form overlay
        })
        .catch((error) => {
            console.error("Error:", error);
            alert("There was an error submitting the form.");
        });
});

</script>
<script>
    // Call Form Functions
    function openCallForm() {
        document.getElementById('callFormOverlay').style.display = 'flex';
    }
    function closeCallForm() {
        document.getElementById('callFormOverlay').style.display = 'none';
    }
    function copyNumber(id) {
        const text = document.getElementById(id).textContent;
        navigator.clipboard.writeText(text)
            .then(() => alert(`${text} copied to clipboard!`))
            .catch(err => alert("Failed to copy!"));
    }

    // Email Form Functions
    function openEmailForm() {
        document.getElementById('emailFormOverlay').style.display = 'flex';
    }

```



```

function closeEmailForm() {
    document.getElementById('emailFormOverlay').style.display = 'none';
}

// Dynamic property details update
function showDetails(name, rentalPrice, sellingPrice, bedrooms) {
    document.querySelector('#property-details h2').innerText = name + "
Details";
    document.getElementById('rental-price').innerText = rentalPrice;
    document.getElementById('selling-price').innerText = sellingPrice;
    document.getElementById('bedrooms').innerText = bedrooms;

    document.querySelector('input[name="property_name"]').value = name
+ " Details";
    document.querySelector('input[name="rental"]').value = rentalPrice;
    document.querySelector('input[name="selling"]').value =
sellingPrice;
    document.querySelector('input[name="bedrooms"]').value = bedrooms;
}

// Handle Email Form Submission
document.querySelector(".email-form form").addEventListener("submit",
(e) => {
    e.preventDefault(); // Prevent default form submission
    const form = e.target; // Get the form element
    const formData = new FormData(form); // Create FormData object

    fetch(form.action, {
        method: form.method,
        body: formData,
    })
    .then((response) => response.text())
    .then((data) => {
        alert(data); // Display server response
        form.reset(); // Clear form fields
        closeEmailForm(); // Close the form overlay
    })
    .catch((error) => {
        console.error("Error:", error);
        alert("There was an error submitting the form.");
    });
});
});
</script>

```

#### PHP CODE:

```

<?php
$servername = "localhost"; // Replace with your database server

```

```

$username = "root"; // Replace with your database username
$password = ""; // Replace with your database password
$dbname = "cep"; // Replace with your database name

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    // Retrieve form data
    $property_name = htmlspecialchars($_POST['property_name']);
    $user_name = htmlspecialchars($_POST['user_name']);
    $user_phone = htmlspecialchars($_POST['user_phone']);
    $user_email = htmlspecialchars($_POST['user_email']);
    $user_selling = htmlspecialchars($_POST['selling']);
    $user_rental = htmlspecialchars($_POST['rental']);
    $user_bedrooms = htmlspecialchars($_POST['bedrooms']);

    //Validate email format
    if (!filter_var($user_email, FILTER_VALIDATE_EMAIL)) {
        echo "Invalid email format.";
        exit;
    }
    // Validate required fields
    if (empty($property_name) || empty($user_name) ||
empty($user_phone) || empty($user_bedrooms)) {
        echo "All fields except email are required.";
        exit;
    }
    // Insert data into the database
    $stmt = $conn->prepare("INSERT INTO userproperties (property_name,
user_name, user_phone, user_email, user_selling, user_rental,
user_bedrooms) VALUES (?, ?, ?, ?, ?, ?, ?)");
    $stmt->bind_param("sssssss", $property_name, $user_name,
$user_phone, $user_email, $user_selling, $user_rental, $user_bedrooms);

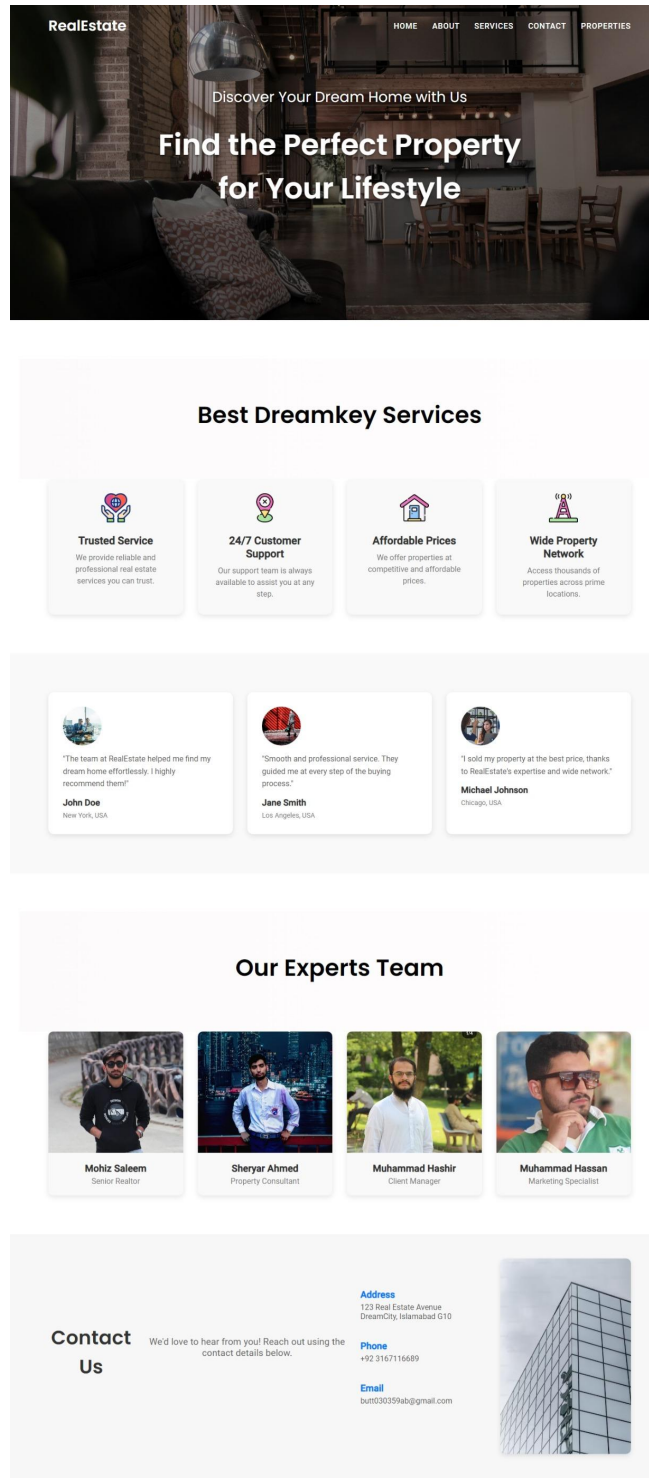
    if ($stmt->execute()) {
        echo "Your data has been saved successfully!";
    } else {
        echo "Error: " . $stmt->error;
    }

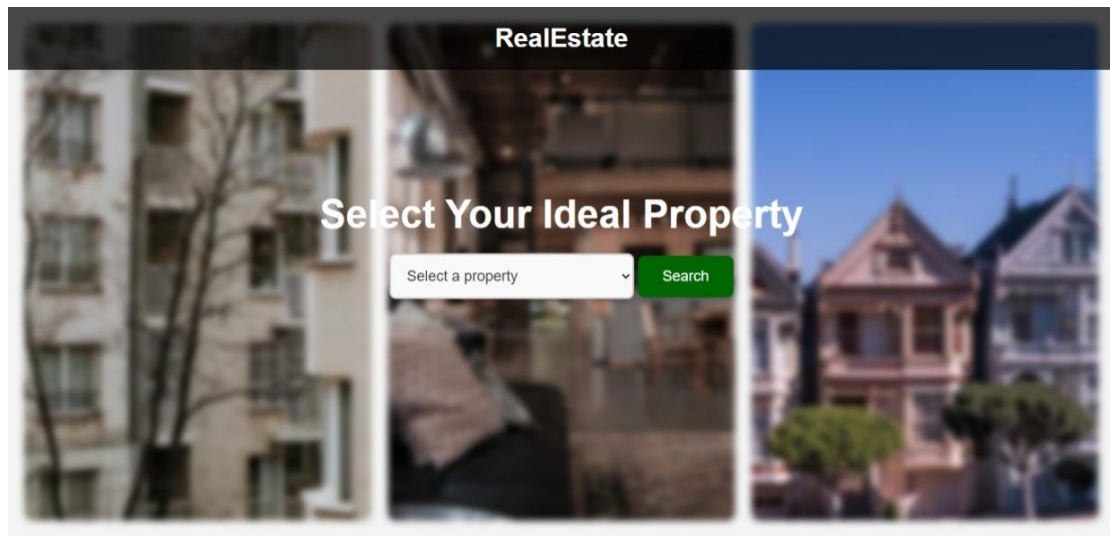
    $stmt->close();
    $conn->close();
} else {
    echo "Invalid request method.";
}

```

```
}  
?>
```

## Output Web Image





## Villas



### Property Details

Rental Price: \$800/month  
Selling Price: \$150,000  
Bedrooms: 3

[Call](#)[Email](#)