Renter

.Registering

. Any time can post

Edit?

Customer

. Filters

.proper discription

. Photos

. Location - google map

.direct whatsapp contact

.feedback option

.rating system

Admin panel

. Any time can remove the post  
  
  
බෝඩිම  
  
  
  
CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50),

password VARCHAR(255),

email VARCHAR(100),

role ENUM('renter', 'customer', 'admin'),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);  
  
CREATE TABLE rentals (

id INT AUTO\_INCREMENT PRIMARY KEY,

renter\_id INT,

title VARCHAR(255),

description TEXT,

full\_address VARCHAR(255),

city VARCHAR(100),

district VARCHAR(100),

price DECIMAL(10, 2),

rooms INT,

bathrooms INT,

is\_furnished BOOLEAN,

has\_garden BOOLEAN,

has\_kitchen BOOLEAN,

is\_air\_conditioned BOOLEAN,

separate\_utility\_bills BOOLEAN,

has\_parking BOOLEAN,

has\_security\_cameras BOOLEAN,

proximity\_to\_road VARCHAR(100),

contact\_whatsapp VARCHAR(20),

images TEXT,

rating DECIMAL(3, 2),

feedback TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (renter\_id) REFERENCES users(id)

);

CREATE TABLE feedback (

id INT AUTO\_INCREMENT PRIMARY KEY,

customer\_id INT,

rental\_id INT,

rating INT,

feedback TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (customer\_id) REFERENCES users(id),

FOREIGN KEY (rental\_id) REFERENCES rentals(id)

);

CREATE TABLE saved\_properties (

id INT PRIMARY KEY AUTO\_INCREMENT,

user\_id INT,

property\_id INT

);

**3. Basic Web Structure**

* **Home Page:** Introduction to the platform, option to log in or register.
* **Renter Dashboard:** Allow renters to post listings and manage their current listings.
* **Customer Dashboard:** Allow customers to filter, browse, view details, contact via WhatsApp, rate, and leave feedback.
* **Admin Panel:** Admin can view, manage, and remove posts at any time.

**4. Frontend Pages**

**Homepage (index.html)**

* Include login/register options, and navigation for customers and renters.
* Display a search bar for customers to begin exploring the available boarding places.

**Renter Dashboard (renter\_dashboard.php)**

* A form to post new listings (title, description, location, price, photos).
* A section showing the current listings of the renter, with options to edit or remove.

**Customer Browse Page (customer\_dashboard.php)**

* A search bar with filters (e.g., price, location, ratings).
* A list view of rental properties with photos, titles, brief descriptions, and WhatsApp contact buttons.
* Detailed property pages with description, gallery, feedback, and rating system.

**Admin Panel (admin\_panel.php)**

* List of all current posts with options to remove any.
* Option to block/unblock user accounts if necessary.

**5. Backend Implementation**

**1. Registration & Login System**

Create a **registration** form for users to sign up, with user roles to distinguish renters, customers, and admins. Use PHP sessions for login authentication.

* **Register (register.php)**: A form to capture user details and their role (renter or customer).
* **Login (login.php)**: A simple form that logs users into their dashboard based on their role.

**2. Renter Posting System**

In the renter dashboard, create a form to submit rental details and store them in the database.

**3. Customer Filters & Search**

Implement a **search feature** where customers can filter properties based on location, price, or ratings.

**4. WhatsApp Contact Integration**

Use WhatsApp API to create a clickable link for contacting the renter directly:

<a href="https://wa.me/[RENTAL\_CONTACT\_WHATSAPP]" target="\_blank">Contact via WhatsApp</a>

**5. Feedback & Rating System**

Allow customers to leave feedback and rate the properties they've booked.

**6. Admin Panel for Post Management**

Admins can view all rental listings and have the option to remove inappropriate posts.

A screenshot of a bedroom

Description automatically generatedA screenshot of a website

Description automatically generated

A screenshot of a room

Description automatically generatedA screenshot of a website

Description automatically generated