

Functional Requirements for the System

User:

1. Authentication & Authorization:

- Login
- Signup

2. Appointments Management:

- View Appointments
- Book Appointments
- Cancel Appointments

3. Reviews Management:

- Add Reviews
- Delete Reviews

4. User Profile Management:

- Update Profile
 - View Profile
 - Delete Account
-

Owner:

1. Authentication & Authorization:

- Login
- Signup

2. Property Management (CRUD):

- List Properties
- Update Property Details
- Remove Property
- View Listed Properties

3. Appointment Management (CRUD):

- Add Appointment Slots
- View Booked Appointments
- Cancel Booked Appointments

4. Profile Management (CRUD):

- Update Profile
 - View Profile
 - Delete Account
-

Admin:

1. Authentication & Authorization:

- Login
- Signup
- Register New Admin

2. Property Management:

- View All Listed Properties
- Remove Property

3. User Management (RD):

- View All Users & Count
- Remove User

4. Owner Management (RD):

- View All Owners & Count
 - Remove Owner
-

Mini Project Scope

User:

1. Authentication:

- Login
- Signup

2. Appointments Management:

- View Appointments
- Book Appointments
- Cancel Appointments

3. Reviews Management:

- Add Reviews
- Delete Reviews

4. **User Profile Management (CRUD):**

- Update Profile
 - View Profile
 - Delete Profile
-

Owner:

1. **Authentication:**

- Login
- Signup

2. **Property Management (CRUD):**

- List Properties
- Update Property Details
- Remove Property
- View Listed Properties

3. **Appointment Management (CRUD):**

- Add Appointment Slots
- View Appointments
- Cancel Appointments

4. **Profile Management (CRUD):**

- Update Profile
 - View Profile
 - Delete Profile
-

Admin:

1. **Authentication:**

- Login
- Signup

2. **Property Management:**

- View All Listed Properties
- Remove Property

3. **User Management (RD):**

- View All Users & Count
- Remove User

4. **Owner Management (RD):**

- View All Owners & Count
- Remove Owner

Authentication:

- **Method:** JWT (JSON Web Tokens)

Authorization:

- Ensure role-based access control for User, Owner, and Admin functionalities.