

Real Estate Property Listing

An app that allows users to buy, sell, or rent properties, providing detailed listings with photos, descriptions, and contact details.

User

Basic Level Requirements:

- **Account Registration:** Users must create an account to post or inquire about properties.
- **Property Search:** Users can search for properties based on location, price, and type.
- **View Listings:** Users can view property details with photos and descriptions.

Medium Level Requirements:

- **Favorites List:** Users can save properties they are interested in.
- **Direct Messaging:** Users can contact property owners or agents directly via in-app messaging.

Hard Level Requirements:

- **Map Integration:** Display properties on a map for easier navigation.
- **Virtual Tours:** Integrate 360-degree photos or virtual tours for properties.

Admin

Basic Level Requirements:

- **Login Capability:** Admin can log in securely to manage listings.
- **View Listings:** Admin can view all property listings posted by users.

Medium Level Requirements:

- **Listing Moderation:** Admin can approve or remove property listings for quality control.
- **Report Generation:** Admin can generate reports on property trends.

Hard Level Requirements:

- **User Activity Monitoring:** Admin can track user activity, such as views and inquiries.
- **Ad Management:** Admin can manage advertisements for premium listings.

Other Requirements

- **Notification System:** Users receive alerts for low stock levels or when items are nearing expiry.
- **Data Backup:** The system should regularly back up inventory data to prevent data loss.
- **Error Handling:** If an inventory update fails (e.g., network failure), users should receive a clear error message.