



SAYLANI MASS IT TRAINING

Social Real Estate System

Hackathon Task

- User Registration
- User profile Management
- Property Feed (Sort by created At, latest property on top, like fb feed)
- Property Listing as Landowner (Just like on fb, creating new post)
- Direct call to Property Landowner
- Search Property
- Suggested Properties
- Compare Properties
- Favorite / Save Property

Requirements

Guest Browsing

- Unregistered “Anonymous” users can search and view the details of properties.
- Guest user must be able to compare between properties and see the details of each property.
- Guest user shall not be able to call or place ad until he login.

Sign-up

- The Initial Registration form must contain the following fields:
 - First Name
 - Last Name
 - Username
 - Email Address
 - Password
 - Mobile Number
- System must validate user’s credentials. Using Authorization.

Login

- User must be able to login once they are registered.
- User shall enter (username or email or mobile no.) and password to login.
- System should verify user login credentials before giving access.



Property Listing (By Landlord)

In order for the Landlord to list his property, he has to add all available information about the Property:

- Property Title, e.g brand new house for sell
- Location: City, Neighborhood or Compound, Street, Landmark, Floor No.
- Property Type: Apartment, villa, Studio, Townhouse, Twin house, Chalet.
- Area or Size: per square meter.
- Finish Type: Furnished, Finished with ACs & Kitchen, Finished without ACs
- No. of Bedrooms, No. of Bathrooms, Living room, Reception, Dining Room, Kitchen
- Ability to upload the images of the property.
- Set Asking Price [currency] - PKR is the default currency

Search

- Users shall be able to search for property.
- System shall fetch search results according to keywords entered or selected.
- User must be able to use advance search option and apply filters.
- The following search filters may apply to the search:
 - ✓ Location
 - ✓ Price Range (From [currency] : To [currency]) - PKR is the default currency
 - ✓ Rooms: No. of bedrooms, No. of bathrooms, No. of receptions, Dining room, kitchen
 - ✓ Search property Type: Apartment, villa, Studio, Townhouse, Twin house, Chalet
 - ✓ Floor Number
 - ✓ Others

Suggesting Similar Properties

- When selects a property, system must exhibit similar properties in the same Neighborhood for the tenant

Save a property

- The User must be able to save his search and can give it a name, saved it with timestamp
- The User shall modify the search criteria.

Comparison Feature

- The Landlord shall be able to compare between 3 offers made by tenants simultaneously.
- The tenants shall be able to compare between up-to 3 different properties simultaneously.
- Tenants can compare the following elements of a property:



- ✓ Asking price
- ✓ Location
- ✓ Floor No.
- ✓ Size, No. of rooms, no. of bedrooms,
- ✓ Amenities
- ✓ Reviews about each property.

Technologies to be used:

- **Front- End:** React / React Native + Redux
- **Back-End:** Nodejs, MongoDB

Final Submission:

<https://forms.gle/DvAdKsTXusCiDTn3A>