

Technical Document – Annexure I Of Real Estate Digital Application

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Annexure I

1. Project Overview

✓ Business Need

Client is looking to build a Real Estate Application which would be scalable, reliable and dynamic where she can represent real estate services that creates a positive first impression with the target audience. The Application needs to look credible and build trust with potential users.

✓ Solution Suggested

Proposed project comprises the design and development of a Real estate application. There will be 2 panels, User and Admin. User will create an account, view residential and commercial property & request call back and manage profile. Admin will manage all the property from backend.

✓ Stakeholders

Actor	Task
User	User will use the application to view properties.
Admin	Manage the whole platform from admin panel

✓ Project Scope and Development Deliverables

This project scope comprises of the following components to deliver:

- Design and Development of Mobile Application for End User (iOS & Android)
- Development and Integration of API
- Development of Admin Web Panel

2. Technologies

Development Phases		Tools & Technology
Requirement Gathering and Analysis	Proposal Drafting, SRS Writing and User Flow Diagram	Microsoft Office Word 2019 / Microsoft Office Presentation 2019 / Microsoft Office Vision 2019
	Wire Framing	Axure / UiZard
Development	Application	Flutter / React Native
	Web Backend	Node.js / PHP (Laravel)
	Database	MongoDB / MySql
Version/s Supported	Android	9.0 and above
	iOS	13.0 and above
	Browser	Google Chrome, Safari, Mozilla Firefox
Quality Assurance & Testing	Test Cases	MS Office Excel 2019
	Testing	Manual

3. Features and Scope of Work

3.1. User Flow of Users

- **Splash screen**
 - User will be able to view splash screen of the app with company logo and the Application Name.
- **Signup**
 - User will be able to sign up on the platform by using their:
 - First name and last name
 - Email
 - Mobile Number
 - Password
 - Confirm password
 - User will be able to skip the signup process.
- **Login**
 - User will be able to Login on the platform using their login credentials that they have created during the sign up process. The User can use the following credentials such as the:
 - Email Address /Mobile number
 - Password
- **Forget Password**
 - If User forget the password then simply User clicking on forgot password link and where User has to fill the email id.
 - After entering the email id User will get an OTP on the email that User has to fill into the OTP field.
- **Home Menu**
 - User will be able to search the property by entering the locality area.
 - User will be able to select between rent and sale.

- User will be able to filter the property.
- User will be able to view the promotional banner in carousel view.
- User will be able to view the property section with the property details in the carousel view.
- Once they click view all, they will be moved to the property listing screen to view the property details.

- **Property Listing Screen**

- User will be able to search the property.
- User will be able to filter the property.
- User will be able to view the promotional banner in carousel view.
- User will be able to view the property section with the property details in the carousel view.
- Once they click the view all, they will be moved to the property listing screen to view the property details.

- **Property Description Screen**

- User will be able to view the property description and property ID.
- User will be able to view the Photo + Scroll Right to view more photos.
- User will be able to view the price details.
- User will be able to view the Property Type.
- User will be able to view the Posted on Date.
- User will be able to view the Location
- User will be able to view the number of Bedrooms.
- User will be able to view the number of Bathrooms
- User will be able to view the Built up Area.
- User will be able to view the Furnishing details.
- User will be able to mark the Property as favorite.
- User will be able to share the property by FB, whatsapp, email.
- User will be able to raise the enquiry against the property by entering the following details.

- User will enter the details like name, email address, contact number, Title and description message.
- **Hamburger Menu**
 - **Profile:**
 - User will be able to view and edit the profile details. (I.e. First name, last name, email address, mobile number and Update passwords).
 - **Sell/Rent Property:**
 - User will be able to manage all the property posted across the platform.
 - User will be able to edit/delete the property details.
 - User will be able to post the property in the application.
 - User will be able to enter the Location
 - User will be able to enter the Mark on Map
 - User will be able to enter the Property Address
 - User will be able to enter the Property Type(i.e. Apartment / Apartment / Independent House/ Gated Community Villa / Standalone Building)
 - User will be able to enter the Number of Bedroom (i.e. 1RK/1BHK/2BHK/2.5BHK/3BHK/4BHK/5BHK/+5BHK)
 - User will be able to enter the Floor
 - User will be able to enter the Total Floors
 - User will be able to enter the Property Age(i.e. Under Construction/ Less than 1 year/ Less than 3 years / Less than 5 years / Less than 10 years / Above 10 years)
 - User will be able to enter the Built Up Area
 - User will be able to enter the Furnishing (i.e. Un Furnished / Semi Furnished / Partially Furnished / Fully Furnished)
 - User will be able to enter the Number of Bathrooms
 - User will be able to enter the Number of Balconies
 - User will be able to upload Photos.
 - User will be able to enter the Property Description

- After filling out the form, user will be moved to payment gateway to do the payment .(platform fee)
 - The Property will be active for 6 months in the platform, after that again the need to pay the platform fee to make the property visible for the user.
 - User should login/signup to post the property.
- **My Enquiry:**
 - User accesses "My Enquiry" section from the main menu or profile screen.
 - A list of submitted enquiries and their details (status, response, date) is displayed.
 - User can tap on each enquiry to view complete information and response (if available).
 - User can have the option to re-submit or delete an enquiry if needed.
- **About Us:**
 - User accesses "About Us" section from the main menu or footer.
 - A visually appealing and informative page is displayed.
 - It could include company information, mission statement, team profiles, awards, achievements, and community involvement.
 - Users can easily learn about the company's values and expertise.
- **Contact Us:**
 - User accesses "Contact Us" section from the main menu or footer.
 - Contact information including phone number, email address, and physical address is clearly displayed.
 - Additional options like a contact form, social media links, or live chat could be implemented.
 - Users can directly reach out to the company for any questions or concerns.
- **Privacy Policy:**
 - User accesses "Privacy Policy" from the main menu, footer, or within settings.

- A clear and concise explanation of the app's data collection and usage practices is displayed.
- Users can understand how their information is handled and protected.
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- **Terms and Conditions:**
 - User accesses "Terms and Conditions" from the main menu, footer, or within settings.
 - A well-defined document outlining the terms of use for the app is displayed.
 - Users can understand their rights and responsibilities when using the app.
- **Logout:**
 - User easily finds the "Logout" option within the navigation or profile menu.
 - A confirmation message or screen is displayed before logging out.
 - Users can securely exit the app and maintain session control.

****Note: All Needed third Party API's will be provided by the Client. (if required)**

3.2. Administrator Web Panel

The back end of the platform will be power packed with an administrative panel to manage the updates of data at the application level, website level and as well as back end. Following would be the key functionalities:

- **User Management**
 - Admin will be able to manage all the users from the backend.
 - Admin will be able to view the User details such as name, email address.
 - Admin will be able to edit/delete the user information.
 - Admin can download the user details in PDF and Excel.
 - Admin will be able to activate and deactivate any of the user from the platform.

- **Property Management**

- Admin will be able to manage all the property posted across the platform.
- Admin will be able to edit/delete the property.

- **Enquiry Management**

- Admin will be able to manage all the enquiry from the user.
- Admin will be able to filter by start date and end date.
- Admin will be able to view the details like property name and id, user name, email address and mobile number.
- Admin will be able to download the enquiry in Excel/PDF.

- **Payment Management**

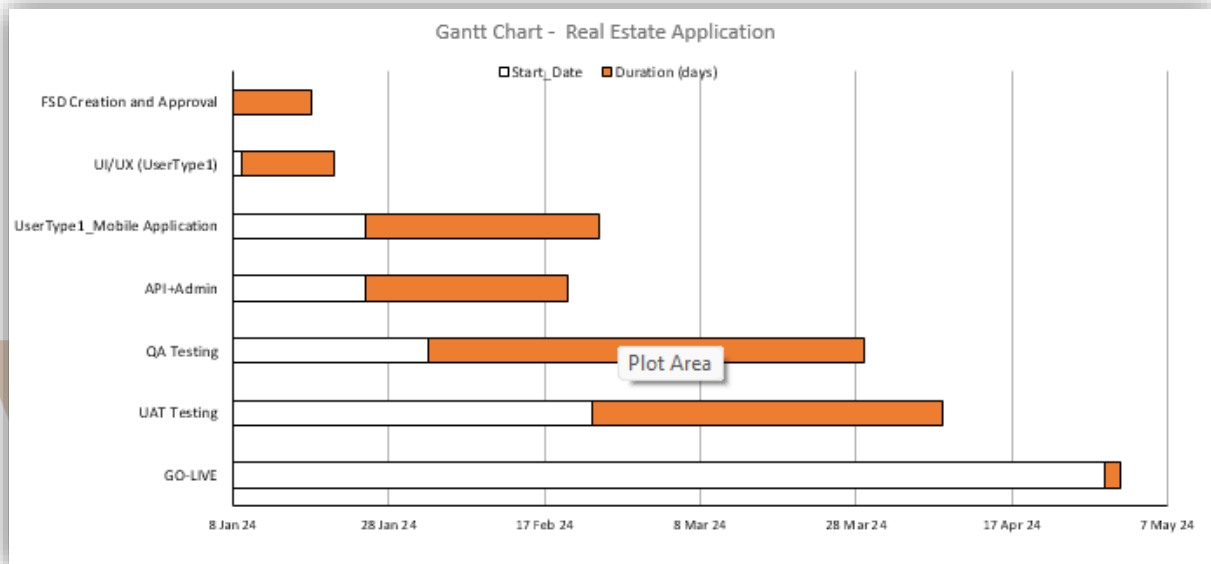
- Admin will be able to view all the payments from the user for the property.
- Admin will be able to download the payment details in PDF/Excel.

- **Content Management**

- Admin will be able to manage content e.g.
- Promotional Banner
- Contact Information
- About Us
- Privacy Policy
- Terms and conditions

4. Draft Delivery Timeline and Gantt Chart

Development Start Date	Development End Date
08-Jan-24	30-Apr-24
Total Project Effort (in person days)	68



*Project Duration would be met with a condition that the client responses are received on time.

5. Project Management

Before Project is awarded			
Business Analysis	Project Management / Software Development	Business Development / Sales	Accounting
1. Project Identify / Analysis	5. Project Evaluation by technical teams	12. Introduction call	19. Invoice submitted to Aline
2. Develop one-page proposal overview	6. Introduction call 1 on 1 interaction with Aline	13. Deliverables discussed with Aline	20. Payment received
3. Create project management overview	7. System appropriate services determined	14. Milestones discussed	21. Payment confirmation sent to Aline
4. Aline assigned to business manager GBM	8. Requirements / System application architecting	15. Project success discussed	22. Account forwarded to PM
<i>GBM: Global Business Manager</i>	9. Project needs analysis	16. Future growth alignment	
	10. Detailed proposal development	17. Detailed proposal provided	
	11. Cost and Time effort estimation	18. Payment instructions	

After Project is awarded			
Phase 1	Phase 2	Phase 3	Phase 4
1. Project manager assigned	6. Design, Development / technical teams assigned	12. Testing / Quality Assurance	16. Periodic project maintenance
2. Project initiation/ introduction call	7. Project start	13. Live server testing	17. Data backups
3. Online project profile created	8. Aline feedback on weekly	14. Final bugs issues fixed	18. Web site – System application upgrades
4. Weekly project meetings scheduled	9. Weekly project feedback session- 30 min	15. Campaign completed	19. On line marketing ** Optional
5. Reporting formats explained to Aline	10. Reports available on-line		
	11. Online Rebel catering access of PM system application		

6. Proposed Team of Project

The proposed team to achieve the deliverables in a time span of 14 Business Weeks comprising of 40 hrs./week is as follows

Designation	Availability
Project Manager	Part Time
Project Expert	Part Time
Designers	Full Time
Developers	Full Time
Quality Analyst	Full Time

