**Requirement Analysis**

**Solution Requirements (Functional & Non-functional)**

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| --- | --- |
| Date | 23-06-2025 |
| Team ID | LTVIP2025TMID49871 |
| Project Name | House Hunt |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| **FR-1** | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN   |  | | --- | |  | |
| **FR-2** | **User Confirmation** | Confirmation via Email Confirmation via OTP |
| FR-3 | Profile Management | Update Personal Information  Change Password  Set Preferences for Notifications and Alerts |
| **FR-4** | **Browsing and searching** | Basic Search and Filters  Map View  Favourites and Shortlists  Market Trends  Nearby Amenities |
| FR-5 | Communication | Messaging  Appointment Scheduling  Document Sharing  Transaction Updates |
| **FR-6** | **Property listing** | Upload Photos and Videos  Add Property Features and Amenities  Provide Legal and Disclosure Information Negotiate Offers |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| --- | --- | --- |
| **NFR No.** | **Non-Functional Requirement** | **Description** |
| **NFR-1** | **Usability** | Usability ensures a smooth experience by providing intuitive navigation, effective search functionality, and detailed property information |
| **NFR-2** | **Security** | |  | | --- | | House hunt app typically ensures security by encrypting users' sensitive information, such as personal details, financial data, and search preferences, to prevent unauthorized access. | |
| **NFR-3** | **Reliability** | |  |  | | --- | --- | | |  | | --- | | Core features (booking, payments, messaging) must function consistently. | | |
| **NFR-4** | **Performance** | Pages and booking actions should load within 2 seconds; reminders and notifications should be timely. |
| **NFR-5** | **Availability** | |  | | --- | | The system should ensure 99.9% uptime with minimal downtime. | |
| **NFR-6** | **Scalability** | |  | | --- | | Support a growing number of users, providers, and concurrent bookings without degradation. | |