**Requirement Analysis**

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

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| --- | --- |
| Date | 16-06-2025 |
| Team ID | LTVIP2025TMID24689 |
| Project Name | House Hunt : Finding Your Perfect Rental Home |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

**Functional Requirements – Music Streaming App**

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| **FR-1** | User Authentication | Sign up, Login, Password Reset   |  | | --- | |  | |
|  |  | |  | | --- | | OAuth login using Google | |
| **FR-2** | **Property Discovery & Visit Booking** | Search and filter listings by location, price, type, amenities |
|  |  | Book, reschedule, and cancel property visits |
| **FR-3** | **Listing & Profile Management** | Add/edit property details, availability, and images |
|  |  | Update user (tenant/landlord) profiles |
| **FR-4** | **Notifications & Reminders** | Automated SMS/email reminders for upcoming appointments |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **NFR No.** | **Non-Functional Requirement** | **Description** |
| **NFR-1** | **Usability** | |  | | --- | | The platform should provide a simple, clean UI for all users, including patients and healthcare providers. | |
| **NFR-2** | **Security** | |  | | --- | | Encrypt all data; use role-based access; implement secure login/authentication. | |
| **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. | |