**Project Design Phase-II**

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

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID20380 |
| Project Name | HouseHunt:Find your perfect rental home |
| Maximum Marks | 4 Marks |

**Functional Requirements – HouseHunt**

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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** | Dashboard View | Display all listed properties  - Show availability, contact, and filters |
| **FR-4** | Property Listing (Owner) | Form to add property details  - Image upload with preview  - Ability to edit/delete listings |
| **FR-5** | Property Booking | - Booking modal with user details  - Prevent booking if not available |
| **FR-6** | Admin Approval | View pending owners  -Grant/reject access with button click |
| **FR-7** | Image Upload | - Upload JPEG/PNG files  - Show image preview in dashboard |

**Non-Functional Requirements – HouseHunt**

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| **NFR**  **No.** | **Non-Functional Requirement** | **Description** |
| **NFR-1** | Usability | The application should be user-friendly, intuitive, and easy to navigate for all types of users (mobile/web). |
| **NFR-2** | Security | All user data should be encrypted, with role-based access, secure authentication (JWT), and secure APIs. |
| **NFR-3** | Reliability | The system should function correctly without crashing under normal conditions. |
| **NFR-4** | Performance | The app should respond within 2–3 seconds for all major actions (search, book, load data). |
| **NFR-5** | Availability | The platform should be available 24/7 during active project time (except updates). |
| **NFR-6** | Scalability | Should support increasing number of users and properties without performance drop |