

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	19 June 2025
Team ID	LTVIP2025TMID55588
Project Name	HouseHunt : Smart Search for Smarter Living
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none">Registration through FormRegistration through GmailRegistration through LinkedIn
FR-2	User Confirmation	<ul style="list-style-type: none">Confirmation via EmailConfirmation via OTP
FR-3	Property Search & Filters	<ul style="list-style-type: none">Search by location, price, and typeView property details and image gallery
FR-4	Wishlist & Profile Management	<ul style="list-style-type: none">Add/remove properties to wishlistEdit user profile details (name, email, password)
FR-5	Admin Features	<ul style="list-style-type: none">Add/edit/delete property listingsManage tenant inquiries and users

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Interface is simple, intuitive, and easy to navigate for both tenants and landlords.
NFR-2	Security	JWT-based authentication, role-based access, and data protection with HTTPS.
NFR-3	Reliability	System handles user actions and data transactions without failures.
NFR-4	Performance	Fast page loads and search results even with large property data.
NFR-5	Availability	System is accessible 24/7 with minimal downtime.
NFR-6	Scalability	Can support more users and listings as platform adoption grows.