

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

Date	20/06/25
Team ID	LTVIP2025TMID58222
Project Name	House-Hunt: Finding-Your-Rental-Home
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	Registration through Form Registration through Gmail Registration through Linked-IN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Property Listing & Search	- Owners can list rental properties - Renters can search by location, price, BHK, etc. - Filters and sorting by price, amenities, etc.
FR-4	Admin Management	Admin dashboard to manage users and listings - Block/report fraudulent listings or users
FR-5	Booking & Communication	- Renter can send interest requests - Owner receives notification - Built-in chat or messaging system
FR-6	Reviews & Ratings	Renter can rate and review properties/owners - View average ratings on listings

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple, intuitive UI for renters, owners, and admins to easily navigate and use features.
NFR-2	Security	Password encryption, OAuth for Gmail/LinkedIn login, and secure data transfer via HTTPS.
NFR-3	Reliability	Application should be robust to handle errors gracefully and offer consistent service.
NFR-4	Performance	Fast loading times for listing pages and filters; responsive design across devices.
NFR-5	Availability	99.9% uptime with backup and failover mechanisms to ensure the platform is always accessible.
NFR-6	Scalability	Easily scalable backend to support increasing number of listings, users, and admin.