

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

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

Functional Requirements – HouseHunt

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

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