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

Date	30 June 2025
Team ID	LTVIP2025TMID53273
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 – House Hunt

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Authentication	Sign up, Login, Password Reset
FR-2	Property Management (Owner)	Add, edit, delete property listings with photos and rent details
FR-3	Property Browsing (Renter)	Search properties by location, rent range, and bedroom count
		View full property details and owner contact
FR-4	Booking & Status Updates	Send booking requests
		view "Pending", "Confirmed", "Rejected" status
FR-4	Admin Role & Approval	Approve owners; monitor users and listings
FR-6	Notifications	Notify users about booking status, registration success, etc.
FR-7	Messaging	Enable renter-owner chat within the app

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Clean, intuitive UI for all user roles; mobile responsive
NFR-2	Security	Encrypted passwords, secure APIs, role-based access, HTTPS
NFR-3	Reliability	Ensure all modules like booking and messaging work consistently
NFR-4	Performance	Filters, booking, and page loads within 2 seconds
NFR-5	Availability	Maintain 99.9% uptime; host on reliable cloud services.
NFR-6	Scalability	Handle high volume of listings, bookings, and concurrent users gracefully