Solution Requirements (Functional & Non-functional)

Date	30 June 2025
Team ID	LTVIP2025TMID55781
Project Name	HouseHunt: Finding Your Perfect 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 LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Property Management	- Add Property - Edit Property - Delete Property - Upload Image via URL
FR-4	Booking System	- Send Booking Request - Approve/Reject Booking - View Booking Status

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User-friendly UI/UX across devices, intuitive layout for renters and owners
NFR-2	**Security**	Secure user data using JWT auth, encrypted passwords, and secure API calls
NFR-3	**Reliability**	System must consistently process user actions without data loss or crashe
NFR-4	**Performance**	Pages and API responses must load under 1.5 seconds
NFR-5	**Availability**	Ensure 99.9% uptime during active hours
NFR-6	**Scalability**	Easily scale user traffic and data volume using cloud infrastructure