

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

Date	22 February 2026
Team ID	LTVIP2026TMIDS42582
Project Name	Home-Rentals
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 Search & Listing	Search properties by location, date, price View property details and images Filter and sort listings
FR-4	Booking & Payment	Book property for selected dates Secure online payment Booking confirmation and invoice
FR-5	Profile Management	Update profile information Upload profile picture
FR-6	Host Management	Create and edit property listings View and manage bookings

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application should be easy to use, with intuitive navigation and clear UI
NFR-2	Security	User data, payments, and authentication must be secure and encrypted
NFR-3	Reliability	The system should operate without failures and recover gracefully from errors
NFR-4	Performance	Pages and actions should load quickly, even under high user load
NFR-5	Availability	The service should be accessible 24/7 with minimal downtime
NFR-6	Scalability	The system should handle increasing numbers of users and listings efficiently