

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

Date	26-05-2025
Team ID	LTVIP2025TMID56105
Project Name	HouseHunt: Finding Your Perfect Rental Home
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

Functional Requirements – Music Streaming App

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Authentication	Sign up, Login, Logout, Password Reset
		JWT token-based secure access
FR-2	Property Discovery	View promoted and available properties
		Search and filter properties by type, location, price, etc.
FR-3	Inquiry & Booking Management	Send booking inquiries to property owners
		View inquiry status and receive replies
FR-4	Property Owner Dashboard	Login and manage rental listings
		Respond to inquiries and update property details
FR-5	Admin Dashboard	View all users, listings, and inquiries
		Verify listings and promote featured properties
FR-6	Inquiry History & Wishlist	View previously contacted properties
		Save listings to wishlist (favorites)

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Intuitive UI for all roles (Renter, Owner, Admin) with responsive layout
NFR-2	Security	Encrypted communication (HTTPS), JWT-based authentication, role-based access
NFR-3	Reliability	Ensure inquiry, booking, and login operations function smoothly under all loads
NFR-4	Performance	Load homepage, property listing, and dashboard within 2 seconds
NFR-5	Availability	Maintain 99.9% uptime on backend and frontend platforms
NFR-6	Scalability	Architecture should support future features like reviews, chat, payments

