Project Design Phase
Proposed Solution Template

Date	30 June 2025
Team ID	LTVIP2025TMID53273
Project Name	House Hunt – Finding Your Perfect Rental Home
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Renters face difficulty finding verified and suitable rental homes. Property listings are scattered, unverified, and communication is insecure. Owners lack a structured platform to manage properties and bookings effectively
2.	Idea / Solution description	House Hunt is a full-stack MERN-based rental housing platform that connects renters with property owners. It offers verified listings, booking management, owner approval by admin, and secure renter-owner communication.
3.	Novelty / Uniqueness	Admin-verified owner accounts and property listings - Real-time booking status updates - Secure messaging between renter and owner - Role-based dashboards (Renter, Owner, Admin) - Search with filters (location, rent, amenities)
4.	Social Impact / Customer Satisfaction	Builds trust in rental transactions - Reduces fraud and confusion through verified listings - Enhances user convenience and property discover ability - Supports digital transformation in the rental process
5.	Business Model (Revenue Model)	Premium access for basic property browsing - Premium subscriptions for property owners (highlight listings, analytic, leads) - Ads for featured properties - Partnership with real estate agencies for lead generation
6.	Scalability of the Solution	Scalable to cities and regions with high rental demand - Modular architecture using MERN stack - Future mobile app support with React

		Native
		- Multilingual, location-based search and multi-role support