

Project Design Phase
Proposed Solution Template

Date	30 June 2025
Team ID	LTVIP2025TMID46284
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	The current process of finding rental properties is often time-consuming, unorganized, and lacks transparency. Renters struggle to find suitable homes, while property owners face difficulties reaching the right tenants.
2	Idea / Solution Description	<i>HouseHunt</i> is a full-stack MERN (MongoDB, Express.js, React.js, Node.js) web application that bridges the gap between renters and property owners. It offers advanced property search, virtual tours, booking management, and real-time alerts. The platform also enables admins to approve users and manage the ecosystem for a smooth experience.
3	Novelty / Uniqueness	HouseHunt combines real-time booking status updates, admin approval workflows, and support for both renters and property owners in a single platform. It also offers features like 360° property tours, price trends, and owner profiles — all within a clean and responsive user interface built using React, Bootstrap, and Ant Design.
4	Social Impact / Customer Satisfaction	HouseHunt reduces stress and time for individuals seeking rental homes, especially for students, professionals, and migrating families. It also empowers property owners to showcase their listings easily. The transparency and accessibility of the app enhance trust and decision-making for both parties.
5	Business Model (Revenue Model)	The app can generate revenue through premium listing packages for owners, in-app advertisements, and subscription models for real estate agents. Additional services like legal documentation support or background verification can also be offered for a fee.
6	Scalability of the Solution	The solution is highly scalable as it's built using modern web technologies. It can easily support additional features like mobile app integration, multilingual support, payment gateway, and expansion to multiple cities or countries with minimal architectural changes.