

Project Design Phase

Problem – Solution Fit Template

Date	15 February 2026
Team ID	LTVIP2026TMIDS87052
Project Name	House hunt: Finding your perfect rental home
Maximum Marks	2 Marks

Problem Statement:

Renters often face challenges finding suitable rental homes that meet their needs in terms of budget, location, amenities, and reliability. The current market lacks centralized platforms offering verified property listings, easy booking workflows, and real-time status updates. On the other hand, property owners struggle to showcase their listings effectively and connect with genuine tenants.

Proposed Solution:

House Hunt is a full-stack MERN web platform that streamlines the rental property process for both renters and owners. It provides:

- A powerful search tool with filters for price, amenities, location, etc.
- Interactive listings with images, floor plans, and virtual tours.
- A booking system that shows real-time status updates.
- Admin approval flow for owners and renters to ensure platform trust.
- Dashboards for renters and property owners to manage bookings and listings.
- Alerts for new properties and price drops.

Fit with Customer Behavior:

- **Renters** today prefer online platforms to browse and book properties; HouseHunt matches this behavior by offering a user-friendly interface accessible 24/7.
- **Owners** want visibility and ease of managing listings; HouseHunt offers them tools to do so, including adding/updating properties and tracking bookings.
- **Trust and transparency** are addressed by admin moderation and clear property data, which aligns with modern expectations in online real estate services.

Why This Works:

- Solves a **frequent and frustrating problem** faced by young professionals, students, and relocating families.
- Taps into existing online behavior: people already use web platforms to search homes — HouseHunt enhances this with verified listings and instant booking.
- Provides a **one-stop, real-time rental ecosystem** that builds trust, simplifies tasks, and supports all user roles — renter, owner, and admin.