

## **Project Design Phase**

### **Problem – Solution Fit Template**

Date	21-06-2025
Team ID	LTVIP2025TMID53224
Project Name	HouseHunt: Finding Your Perfect Rental Home
Maximum Marks	2 Marks

#### **Problem – Solution Fit Overview:**

The Problem–Solution Fit ensures that the HouseHunt platform effectively addresses the common challenges faced in the rental housing market and meets the real-world needs of both renters and property owners. This validation is essential before expanding the platform or integrating advanced features.

#### **Purpose:**

- Enable seamless discovery of rental properties for users via a centralized platform
- Simplify property listing and management for property owners
- Facilitate secure communication and booking between renters and owners
- Ensure platform governance via an admin verification system
- Deliver transparency and trust through real-time notifications, booking status, and user dashboards

#### **Problem Statement:**

- Renters and property owners commonly face the following issues:
- Lack of a centralized, easy-to-use platform for browsing and listing rental properties
- Scattered and outdated property information with no verification mechanism
- No direct or secure communication between renters and owners
- Manual booking and tracking process causing delays and confusion

- No administrative oversight or platform moderation for user trust and safety

**Solution:**

HouseHunt, a MERN-based rental housing platform, solves these problems by offering:

- A feature-rich, searchable property listing system with advanced filters
- Secure login and role-based dashboards for renters, owners, and admins
- Real-time messaging system for direct communication
- Booking management and automated notifications for transparency
- Admin panel for approving listings, owners, and monitoring platform activity
- Scalable, mobile-responsive design to serve large user bases efficiently