Project Design Phase
Proposed Solution Template

Date	16 Jan 2026
Team ID	LTVIP2026TMIDS24608
Project Name	HouseHunt : Smart Search for Smarter Living
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)**	Finding rental properties is often time-consuming, scattered across platforms, and unreliable. Tenants face issues like unverified listings, lack of direct communication with landlords, and no centralized dashboard to manage saved properties or inquiries.
2	**Idea / Solution description**	Househunt is a web-based platform that allows tenants to search for verified rental properties using advanced filters and Google Maps integration. It provides a login-based system for both tenants and landlords, where landlords can post property listings and tenants can browse, save favorites, and contact landlords directly through a built-in messaging feature.
3	**Novelty / Uniqueness**	Unlike generic platforms, Househunt is focused on the **rental ecosystem only** and introduces features like **JWT-based login**, **role-based dashboards**, **wishlist system**, and **property gallery with map integration** in a minimalistic and mobile-friendly interface.
4	**Social Impact / Customer Satisfaction**	The platform makes it easier and safer for individuals (especially students and professionals relocating) to find a home without the need to rely on brokers. It promotes transparency, reduces stress in the house-hunting process, and enhances tenant-landlord communication.
5	**Business Model (Revenue Model)**	The revenue model includes premium listing options for landlords, advertising spaces, and freemium plans for extended features (e.g., analytics, landlord verification, featured listings). Basic use remains free for all.
6	**Scalability of the Solution**	The solution is built using scalable technologies (React, Node.js, MongoDB) and can be expanded to new cities, incorporate payment gateways, add mobile apps, and introduce features like tenant ratings or integrated rental agreements in the future.