

Project Design Phase Proposed Solution Template

Date	28 JUNE 2025
Team ID	LTVIP2025TMID50619
Project Name	Visualizing Housing Market Trends: An Analysis of Sales Prices and features using Tableau.
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)	Problem: There are not enough homes being built to meet demand, especially in urban and high-growth areas.
2.	Idea / Solution description	Millions of people—especially first-time buyers, remote workers, and middle-income families—can't afford traditional housing. At the same time, sustainable and modular homes exist but are difficult to access, customize, and finance.
3.	Novelty / Uniqueness	This “housing-as-a-service” approach is novel, especially in the affordable/modular market.
4.	Social Impact / Customer Satisfaction	Impact <ul style="list-style-type: none"> • Reduces housing cost and build time by up to 40% • Promotes energy-efficient living and climate resilience • Helps close the gap between available housing and real-life user needs • Spurs rural and suburban development with smart infrastructure
5.	Business Model (Revenue Model)	Revenue Model <ul style="list-style-type: none"> • Commission from modular builders and land brokers • Premium listing fees for verified sustainable properties • Referral fees from green lenders and installation services • Optional paid add-ons: home design consulting, solar system installation

6.	Scalability of the Solution	the system can handle growing amounts of data, users, or complexity over time without a significant drop in performance or quality. Here's how scalability plays out in such a solution, broken down by component:
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