

Project Design Phase-I
Proposed Solution Template

Date	14 Feb 2026
Team ID	LTVIP2026TMIDS37718
Project Name	Visualization Housing Market Trends
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No	Parameter	Description
1	Problem Statement (Problem to be solved)	Stakeholders find it difficult to understand housing market trends, pricing patterns, renovation impact, and property features because the data is large, complex, and not presented in a clear visual format.
2	Idea / Solution Description	Develop an interactive Tableau dashboard that visualizes housing market data using KPIs, charts, and scenarios. The dashboard highlights sale prices, renovation impact, house age distribution, and property features to support quick and informed decision-making.
3	Novelty / Uniqueness	The solution combines multiple housing factors (price, renovation status, age, bedrooms, bathrooms, floors) into a single interactive dashboard with scenario-based analysis, making complex data easy to explore and understand.
4	Social Impact / Customer Satisfaction	Helps buyers, analysts, and real estate stakeholders make confident decisions by clearly understanding market trends. Reduces confusion, saves time, and improves data-driven decision-making.
5	Business Model (Revenue Model)	The dashboard can be offered as a subscription-based analytics service for real estate companies or as a decision-support tool for agencies and investors.
6	Scalability of the Solution	The solution can be scaled by adding more datasets (city-wise, year-wise trends), integrating real-time data, and deploying it on web platforms for wider access.