Project Design Phase
Proposed Solution Template

Date	21 June 2025
Team ID	LTVIP2025TMID20843
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	2 Marks

Proposed Solution Template:

Project team "LTVIP2025TMID20843's" proposed solution template:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	ABC Company's real estate teams face difficulty analysing complex housing data to identify how features like renovation and house age affect sale prices. They lack an intuitive, visual tool to extract insights quickly.
2.	Idea / Solution description	We propose an interactive Tableau dashboard that visually represents sale price trends, renovation impact, and feature-based comparisons using KPIs, charts, and filters. It simplifies complex data for faster and clearer decision-making.
3.	Novelty / Uniqueness	The solution offers a dynamic, user-friendly interface tailored for non-technical stakeholders. Unlike static reports, it provides real-time filtering and storytelling capabilities that improve data interpretation.
4.	Social Impact / Customer Satisfaction	It enhances user confidence and decision-making by delivering accurate insights with less manual effort. It supports smarter housing strategies and benefits the wider community by enabling fair pricing and improved property investments.
5.	Business Model (Revenue Model)	While this project is internal, the model can scale as a B2B solution offering real estate analytics dashboards to other firms via licensing, SaaS subscriptions, or consulting packages.
6.	Scalability of the Solution	The dashboard framework is modular and scalable. It can easily be adapted to different datasets, property markets, or integrated with real-time APIs and CRM systems for extended functionality.