Project Design Phase
Proposed Solution Template

Date	21 june 2025
Team ID	LTVIP2025TMID50297
Project Name	Visualizing Housing Market Trends: An Analysis of Sale 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)	Real estate buyers, sellers, and investors face difficulty understanding housing price trends due to scattered data and lack of visualization tools.
2.	Idea / Solution description	The solution is an interactive Tableau dashboard that visualizes housing market trends using various features like location, size, year, and price. It helps users make data-driven decisions.
3.	Novelty / Uniqueness	The project provides a user-friendly, real-time visual analysis combining multiple housing features in a single dashboard with filters and drill-down capabilities.
4.	Social Impact / Customer Satisfaction	Enhances decision-making for homebuyers and real estate agencies, leading to better investments, transparency, and trust in the housing market.
5.	Business Model (Revenue Model)	Freemium model: basic dashboards are free; advanced features or API integrations available on subscription for agencies or property platforms.
6.	Scalability of the Solution	The solution can be scaled to include multiple cities, integrated with live real estate databases, and expanded for mobile or web applications.