

Project Design Phase-I
Proposed Solution Template

Date	25February 2026
Team ID	LTVIP2026TMIDS37725
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Real estate and housing data contain large amounts of complex information that are difficult to understand using raw tables. Users and decision-makers face challenges in identifying price trends, property patterns, and important insights for better decision-making.
2.	Idea / Solution description	The proposed solution is an interactive Business Intelligence dashboard developed using Tableau Public to analyze housing data. The system converts raw data into meaningful visualizations such as charts, graphs, and dashboards, allowing users to easily explore housing prices, sales distribution, and property characteristics.
3.	Novelty / Uniqueness	The project integrates multiple visualizations, dashboards, and storytelling features in one platform. It provides interactive filtering, dynamic insights, and easy online sharing, enabling even non-technical users to understand data without advanced analytical skills
4.	Social Impact / Customer Satisfaction	The solution helps buyers, sellers, and analysts understand housing market trends quickly. It improves decision-making, saves analysis time, and increases transparency by presenting clear and understandable data insights.
5.	Business Model (Revenue Model)	The dashboard model can be extended as a subscription-based analytics service for real estate agencies, property consultants, or businesses requiring market insights. Organizations can pay for customized dashboards and advanced analytics reports.
6.	Scalability of the Solution	The solution is scalable because new datasets, cities, or real estate markets can easily be added. The dashboard can also be deployed on web platforms and integrated with live databases for real-time analytics in the future.