Project Design Phase
Proposed Solution Template

Date	24 JUNE 2025
Team ID	LTVIP2025TMID47526
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Understanding and analyzing housing market trends can be challenging due to the complexity and volume of tools to interpret pricing patterns and property features.
2.	Idea / Solution description	The project proposes an interactive data visualization dashboard built using Tableau to analyze and interpret housing market data. The dashboard will show trends in sale prices and the impact of key features.
3.	Novelty / Uniqueness	Unlike static reports, this solution offers dynamic visualizations that allow real-time interaction. The integration of geospatial analysis with property features is a unique strength.
4.	Social Impact / Customer Satisfaction	The solution helps buyers, sellers, and real estate analysts improves transparency in the housing market and empowers customers with easy-to-understand data insights.
5.	Business Model (Revenue Model)	The solution can be monetized as a data analytics product or service for real estate agencies, governments, or financial institutions. It can also be off premium customization.
6.	Scalability of the Solution	The dashboard can be scaled by integrating real-time APIs, covering more regions, and expanding features such as predictive analytics. It can also be deployed across cloud platforms for broader accessibility.