Project Design Phase
Proposed Solution Template

Date	26-06-2025
Team ID	LTVIP2025TMID51031
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	2 Marks

Proposed Solution Template:

This proposed solution aims to address the challenges faced by users when interpreting complex housing market data. By leveraging Tableau, the team will build an interactive, user-friendly visualization system that presents housing sales trends, renovation impacts, and key house features clearly. This approach not only simplifies data understanding but also supports better decision-making for stakeholders, creating a socially valuable and reusable framework for ABC Company and similar future projects.

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Users struggle to interpret raw housing data and cannot easily identify pricing trends or renovation effects.
2	Idea / Solution Description	Use Tableau to build interactive dashboards and stories that show trends in housing prices and features.
3	Novelty / Uniqueness	Combines multiple housing factors visually in one place, no code required, easy for non-technical users.
4	Social Impact / Customer Satisfaction	Helps customers make smarter housing decisions, improves transparency, supports fair pricing strategies.
5	Business Model (Revenue Model)	Freely available visualization, no direct revenue, supports ABC Company's decision-making and marketing efforts.
6	Scalability of the Solution	The framework can be reused for other housing datasets or extended for other property markets.