Project Design Phase
Proposed Solution Template

Date	27 June 2025
Team ID	LTVIP2025TMID49598
Project Name	Visualising 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)	Real estate analysts struggle to identify which features influence housing prices the most. There is limited visibility into how renovations or house age affect value.
2.	Idea / Solution description	A Tableau-based interactive dashboard that visualises house sale prices by structural features (bedrooms, bathrooms, floors) and renovation status.
3.	Novelty / Uniqueness	Combines renovation timelines, feature counts, and house age into a unified, filterable dashboard. Offers grouped comparisons not typically seen in standard reports.
4.	Social Impact / Customer Satisfaction	Enables data-driven housing decisions for buyers and developers. Improves transparency in pricing and helps customers plan renovations effectively.
5.	Business Model (Revenue Model)	Can be offered as a data consulting tool for real estate firms or integrated into premium analytics services. Supports better pricing and property strategies.
6.	Scalability of the Solution	The dashboard can be expanded to include geospatial maps, time-series trends, and external APIs. Easily scalable to support larger datasets or regions.