

**Project Design Phase**  
**Proposed Solution Template**

Date	29 June 2025
Team ID	LTVIP2025TMID48638
Project Name	Visualizing housing market trends: an analysis of sale
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)	The housing market is complex, with fluctuating prices, varying regional demands, and inconsistent availability of public data
2.	Idea / Solution description	Our project proposes a web-based interactive data visualization tool that collects, processes, and visualizes housing market trends across different regions.
3.	Novelty / Uniqueness	Unlike static charts or scattered portals, our solution offers dynamic, user-friendly visualization with multi-variable filters.
4.	Social Impact / Customer Satisfaction	Homebuyers will make better decisions with transparent data. Investors can track trends for better ROI.
5.	Business Model (Revenue Model)	The tool can follow a freemium model: basic features free, premium subscriptions for detailed analytics and predictive models.
6.	Scalability of the Solution	The solution is scalable across cities and countries by integrating more datasets. It can expand into rental markets, commercial properties, or infrastructure planning.