**Project Design Phase**

**Proposed Solution Template**

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| Date | 15 February 2025 |
| Team ID | LTVIP2025TMID51556 |
| Project Name | Visualizing Housing Market Trends: An Analysis of Sales |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in the proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Lack of clear visual correlations for property pricing factors (e.g., bedrooms, area, condition). Difficulty identifying and understanding seasonal patterns in housing sales and prices. |
|  | Idea / Solution description | An interactive Tableau Dashboard and Story. It visually analyzes housing sales data to reveal market trends, price influencing factors, and seasonal patterns, offering dynamic exploration. |
|  | Novelty / Uniqueness | Provides a unified, highly interactive visual platform for comprehensive market analysis. Directly addresses specific visual correlation and seasonal pattern identification gaps in existing fragmented tools. |
|  | Social Impact / Customer Satisfaction | Empowers real estate professionals, homebuyers, and investors with data-driven insights, leading to more informed and confident decisions. Reduces uncertainty and improves efficiency in real estate transactions. |
|  | Business Model (Revenue Model) | Primarily an analytical tool for internal use or open access. Value is generated through increased efficiency, better strategic planning, and improved decision-making for stakeholders rather than direct revenue. |
|  | Scalability of the Solution | Leverages Tableau's robust architecture for multi-node deployments and large data volumes (Hyper extracts). Can be scaled by adding more server resources or distributing processes. |