Project Design Phase Problem – Solution Fit Template

Date	24 July 2025
Team ID	PNT2025TMID14588
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau.
Maximum Marks	2 Marks

Problem – Solution Fit Template:

What is the customer struggling with?

Stakeholders in the real estate sector—such as analysts, marketing teams, and executives—face challenges in:

- Identifying which property features influence pricing trends
- Understanding how renovations affect buyer interest and price
- Making strategic decisions without data-backed insights
- Communicating property trends effectively to clients or investors

Purpose:

- Solving complex challenges in real estate analysis through actionable, data-driven insights.
- Accelerating adoption by aligning solutions (e.g., Tableau visualizations) with existing behaviors and decision-making patterns.
- Sharpening strategy and communication, ensuring that dashboards, insights, and stories speak directly to stakeholder needs.
- Building trust with users by solving frequent annoyances like unclear trends, pricing confusion, or unstructured data.
- Understanding the current workflows and gaps in analysis, so the final solution is a clear, effective improvement.

Template:

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- Desired on spread-heats and static reports with initial valuations
- Missing comprehensive dashboards for interactive exploration
- Not interactive discharged to the communication of the
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References:

- 1. Customer development theories by Steve Blank.
- 2. Lean Startup methodology by Eric Ries.
- 3. Tableau documentation and real estate BI case studies.
- 4. Behavioral economics applied to tech adoption (Nir Eyal's Hooked Model).