Project Planning Phase Document

Project Title: Visualizing Housing Market Trends: An Analysis of Sale Prices and Features Using Tableau

Team ID: LTVIP2025TMID51194

# 1. Planning Logic

The planning logic of the project involves identifying critical phases, tasks, and deliverables that align with the project's objective. We structured the project into milestones such as data collection, preprocessing, dashboard creation, testing, and presentation. Each milestone includes defined responsibilities and estimated durations to ensure smooth progress and timely delivery.

# 2. Project Planning Template

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| --- | --- | --- | --- | --- |
| Phase | Tasks | Team Members | Start Date | End Date |
| 1. Requirement Analysis | Define scope, collect requirements | Team Lead | 2025-07-01 | 2025-07-02 |
| 2. Data Collection | Download & inspect dataset | Data Engineer | 2025-07-03 | 2025-07-04 |
| 3. Data Preprocessing | Clean and prepare dataset | ML Engineer | 2025-07-05 | 2025-07-06 |
| 4. Dashboard Design | Create visuals in Tableau | BI Developer | 2025-07-07 | 2025-07-10 |
| 5. Integration & Testing | Connect dashboard with input file | Full Stack Dev | 2025-07-11 | 2025-07-12 |
| 6. Review & Presentation | Demo & finalize report | All Members | 2025-07-13 | 2025-07-14 |

# 3. Planning Dashboard Screenshot

Below is a sample screenshot of the planning Gantt chart or project timeline (mock image shown):

