

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

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| Date | 20 June 2025 |
| Team ID | LTVIP2025TMID48901 |
| Project Name | Visualizing Housing Market Trends using Tableau |
| Maximum Marks | 5 Marks |

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|--|--------------|----------|------------------------------|
| Sprint-1 | Data Connection & Cleaning | USN-1 | As a user, I want to import and clean the housing dataset in Tableau | 3 | High | Upendra Rao, Sai Sreenath |
| Sprint-1 | Filter Setup | USN-2 | As a user, I want to filter data by city, price, bedrooms, etc. in the dashboard | 2 | High | Upendra Rao, Veerendra |

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|----------|---------------------------|-------|---|---|--------|--------------|
| Sprint-2 | Visualize Trends | USN-3 | As an analyst, I want to visualize total sales by years since renovation | 3 | High | Upendra Rao |
| Sprint-2 | Comparative Views | USN-4 | As a user, I want to compare house ages based on bathrooms, bedrooms, and floors | 3 | Medium | Sai Sreenath |
| Sprint-3 | Dashboard Layout | USN-5 | As a user, I want to interact with a clear, clean dashboard layout | 2 | High | Upendra Rao |
| Sprint-3 | Export Features | USN-6 | As a user, I want to export visuals or summary reports from the dashboard | 2 | Medium | Veerendra |
| Sprint-4 | Testing & Optimization | USN-7 | As a team, we want to test dashboard loading and refine visual filters | 2 | High | Whole Team |
| Sprint-4 | Tableau Public Deployment | USN-8 | As a user, I want the dashboard to be published to Tableau Public with a share link | 1 | High | Upendra Rao |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|---|------------------------------|
| Sprint-1 | 5 | 2 Days | 20 June 2025 | 21 June 2025 | 5 | 21 June 2025 |
| Sprint-2 | 5 | 1 Day | 22 June 2025 | 22 June 2025 | 5 | 22 June 2025 |
| Sprint-3 | 5 | 1 Day | 23 June 2025 | 23 June 2025 | 5 | 23 June 2025 |
| Sprint-4 | 5 | 1 Day | 24 June 2025 | 24 June 2025 | 5 | 24 June 2025 |
| Sprint-5 | 5 | 1 Day | 25 June 2025 | 25 June 2025 | 5 | 25 June 2025 |

Velocity:-

Average Velocity = $25 / 6 = 4.166... \approx 4.2$ story points/day

Burndown Chart:-

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [software development](#) methodologies such as [Scrum](#). However, burn down charts can be applied to any project containing measurable progress over time.

