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

Date	3 July 2025
Team ID	LTVIP2025TMID50773
Project Name	**Visualizing Housing Market Trends**
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 Cleaning and Preparation	US-1	Load and explore the transformed housing dataset	2	High	Devaki
Sprint 1	Data Cleaning and Preparation	US-2	Clean columns, rename headers, handle missing values	3	High	Nusrath Jaha
Sprint 1	Data Understanding (EDA)	US-3	Analyze house age, renovation status, and sales trends	3	High	Nusrath Jaha
Sprint 2	Visualization Development	US-4	Create pie chart for renovated vs. non-renovated houses	2	Medium	Nusrath Jaha
Sprint 2	Visualization Development	US-5	Create bar chart for house age by bedrooms/bathrooms	3	High	Devaki
Sprint 2	Visualization Development	US-6	Create histogram for total sales by years since renovation	2	Medium	Hemasree
Sprint 3	Dashboard Creation	US-7	Combine charts into one dashboard	3	High	Devaki
Sprint 3	Dashboard Storytelling	US-8	Build a story with 10 slides using Tableau storytelling	4	High	Devaki
Sprint 4	Final Publishing and Documentation	US-9	Publish on Tableau Public	1	Medium	Saipragna

| Sprint 4 | Final Publishing and Documentation | US-10 | Record walkthrough and post on LinkedIn | 2 | Medium | Hemasree |
| Sprint 4 | Final Publishing and Documentation | US-11 | Create report with architecture, stack, and planning | 2 | Medium | Saipragna |

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

Sprint	Total Story Points	Duration (Days)	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (Planned)	Sprint Release Date (Actual)
Sprint 1	8	3	Feb 3, 2025	Feb 5, 2025	8	Feb 5, 2025
Sprint 2	7	3	Feb 6, 2025	Feb 8, 2025	6	Feb 9, 2025
Sprint 3	7	3	Feb 10, 2025	Feb 12, 2025	7	Feb 12, 2025
Sprint 4	5	3	Feb 13, 2025	Feb 15, 2025	—	—

Velocity:

AV=32.67+2.00+2.33/3=2.33

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.

https://www.visual-paradigm.com/scrum/scrum-burndown-chart/

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts