Project Planning Phase

Project Planning Template(ProductBacklog,SprintPlanning, Stories, Story points)

DATE	Jun 28, 2025
TEAM ID	LTVIP2025TMID51830
PROJECT NAME	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
MAXIMUM MARKS	5MARKS

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection & Preparation	USN-1	As a user, I want to collect and load housing dataset into Tableau for visualization	2	High	Kavya
Sprint-1	Data Cleaning	USN-2	As a user, I want to clean missing and inconsistent data from the dataset	3	High	Kavya
Sprint-1	Feature Engineering	USN-3	As a user, I want to generate derived fields like 'Years Since Renovation'	2	Medium	Siddi
Sprint-2	Visualization Creation	USN-4	As a user, I want to create charts (bar, pie, map) for key insights like price vs. renovation	5	High	Kavya
Sprint-2	Dashboard Design	USN-5	As a user, I want to organize the charts into an interactive and well-structured dashboard	3	High	Siddi
Sprint-2	User Interactivity	USN-6	As a user, I want filters for house age, features, and price range to explore the data dynamically	3	Medium	Siddi
Sprint-2	Insight Narration	USN-7	As a user, I want story points or captions that explain the key insights behind each visualization	2	Medium	Siddi
Sprint-2	Dashboard Hosting	USN-8	As a user, I want to publish the dashboard on Tableau Public for mentor and evaluator access	3	Medium	Kavya

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	7	5 Days	Jun 28, 2025	Jul 1, 2025	7	Jun 28, 2025
Sprint-2	16	5 Days	Jun 29, 2025	Jul 1, 2025	16	Jun 29, 2025

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Velocity=Number of SprintsTotal Story Points Completed=7+16/2=11.5 story points/sprint

Burndown Chart:
Aburn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such asScrum. 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