Project Planning Phase

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

Date	28 June 2025
Team ID	LTVIP2025TMID51430
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation :

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 1	Data Collection and Preparation	US1	Gather housing market data from various sources	3	High	Member A, B &C
Sprint 1	Data Collection and Preparation	US2	Clean and preprocess the collected data	2	Medium	Member A, B &C
Sprint 2	Data Visualization	US3	Create initial Tableau dashboards for sale prices	3	High	Member A, B &C
Sprint 2	Data Visualization	US4	Develop visualizations for housing features	2	Medium	Member A, B &C
Sprint 3	Analysis and Reporting	US5	Analyze trends and generate insights from visualizations	1	Low	Member A, B &C

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration (Days)	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint 1	8	6	2023-Oct-01	2023-Oct-06	8	2023-Oct-06
Sprint 2	8	6	2023-Oct-7	2023-Oct-12	6	2023-Oct-12
Sprint 3	4	6	2023-Oct-13	2023-Oct-18	4	2023-Oct-18
Sprint 4	6	6	2023-Oct-19	2023-Oct-24	6	2023-Oct-24

Velocity:

As per the, table we've, 3 sprint (Points) and duration days are 6 days. So, calculate the Team Average Velocity (AV) per iteration unit (story points per day)

- Sprint 1: 8
- Sprint 2: 6
- Sprint 3: 4

  Total Duration for each Sprints: 6 days

  Average Velocity is 6 story points per sprint

Average Velocity (AV) = Sprint Duration / Velocity = 6/ 6 = 1.

Thus, the average velocity for the project is **1 day per story point**.

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.