Project Planning Phase

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

Date 19 June 2025	21 June 2025
Team ID LTVIP2025TMID48912	LTVIP2025TMID48542
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 Collection	USN-1	As a user, I can upload a housing dataset in CSV/Excel format	3	High	Nallapu Umamaheswar Reddy
Sprint-1	Data Loading	USN-2	As a user, I can load the dataset into Tableau	2	High	Nallapu Umamaheswar Reddy
Sprint-2	Data Cleaning	USN-3	As a user, I can clean data and remove missing entries	3	High	Nallapu Umamaheswar Reddy.
Sprint-2	Categorical Handling	USN-4	As a user, I can preprocess categorical fields appropriately	3	High	R. Simhadri, K. Swetha
Sprint-3	Dashboard Design	USN-5	As a user, I can view visual summaries of pricing trends	2	High	Naga Sravya. A, P. Keerthi Reddy.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Feature-based Filtering	USN-6	As a user, I can filter dashboards by price, bedrooms, location, etc.	2	High	Nallapu Umamaheswar Reddy, K. Swetha
Sprint-4	Dashboard Exporting	USN-7	As a user, I can export visuals to images or PDFs	2	High	R. Simhadri, Naga Sravya. A,
Sprint-4	Tableau Public Publishing	USN-8	As a user, I can publish dashboards to Tableau Public	1	High	P. Keerthi Reddy, K. Swetha.

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed (as on planned date)	Sprint Release Date (Actual)
Sprint-1	5	2 Days	22 June 2025	23 June 2025	5	21 June 2025
Sprint-2	5	2 Days	22 June 2025	23 June 2025	5	23 June 2025
Sprint-3	5	2 Days	24 June 2025	25 June 2025	5	25 June 2025
Sprint-4	5	1 Day	26 June 2025	26 June 2025	5	26 June 2025
Sprint-5	5	1 Day	27 June 2025	27 June 2025	5	27 June 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)

Average velocity=5+5+5+5+5/2+2+2+1+1=25/8=3.12 Story points/day (rounded)

Final average team velocity=3.1 points / day

Burndown Chart

A burndown chart visually represents the remaining work versus time.
You can manually plot this based on the dates and story point progression above using tools like Excel or Google Sheets.