Project Planning Phase

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

Date 19 June 2025	21 June 2025
Team ID LTVIP2025TMID51853	LTVIP2025TMID51853
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. ~~R. Simhadri, K. Swetha~~
Sprint-2	Categorical Handling	USN-4	As a user, I can preprocess categorical fields appropriately	3	High	
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 Dashboard Exporting	USN-6	As a user, I can filter dashboards by price, bedrooms, location, etc.	2	High	Nallapu Umamaheswar Reddy, K. Swetha
Sprint-4		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 5 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		26 June 2025
Sprint-5	5	1 Day	27 June 2025	27 June 2025		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.