

Project Planning Phase

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

Date	26 June 2025
Team ID	LTVIP2025TMID50075
Project Name	Plugging into the Future : An Exploration of Electricity Consumption Patterns 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	Problem Definition & Data Pipeline	USN-1	<ul style="list-style-type: none"> ➤ Login and get project info ➤ Collect dataset ➤ Perform SQL operations ➤ Connect Tableau to DB 	2	Low	Jahnavi Sree Karri
Sprint-2	Research & Problem identification	USN-2	<ul style="list-style-type: none"> ➤ Define business problem & stakeholders ➤ Conduct literature survey on energy consumption patterns ➤ Document business requirements (consumer/policymaker/provider needs) 	3	Medium	Jahnavi Sree Karri & Vijay nookaraju govindalapudi
Sprint-3	Visualization & Dashboards	USN-3	<ul style="list-style-type: none"> ➤ Prepare data for visualization (calculated fields, filters) ➤ Create 5+ unique visualizations ➤ Design 3-scene story explaining insights 	5	High	Vijay nookaraju govindalapudi
Sprint-4	Performance Test &	USN-4	<ul style="list-style-type: none"> ➤ Test data rendering speed 	3	Medium	Jahnavi Sree

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Web Integration		➤ Embed dashboard/story			Karri
Sprint-5	Documentation & Demo	USN-5	➤ Write step by step project procedure ➤ Recorded Demo video	5	High	Jahnvi Sree Karri & vijay nookaraju

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	12	1 Days	22 June 2025	22 June 2025	18	30 June 2022
Sprint-2	12	2 Days	23 June 2025	24 June 2025	18	30 June 2025
Sprint-3	12	2 Days	25 June 2025	27 June 2025	18	30 June 2025
Sprint-4	12	1 Days	27 June 2025	27 June 2025	18	30 June 2025
Sprint-5	12	2 Days	28 June 2025	29 June 2025	18	30 June 2025

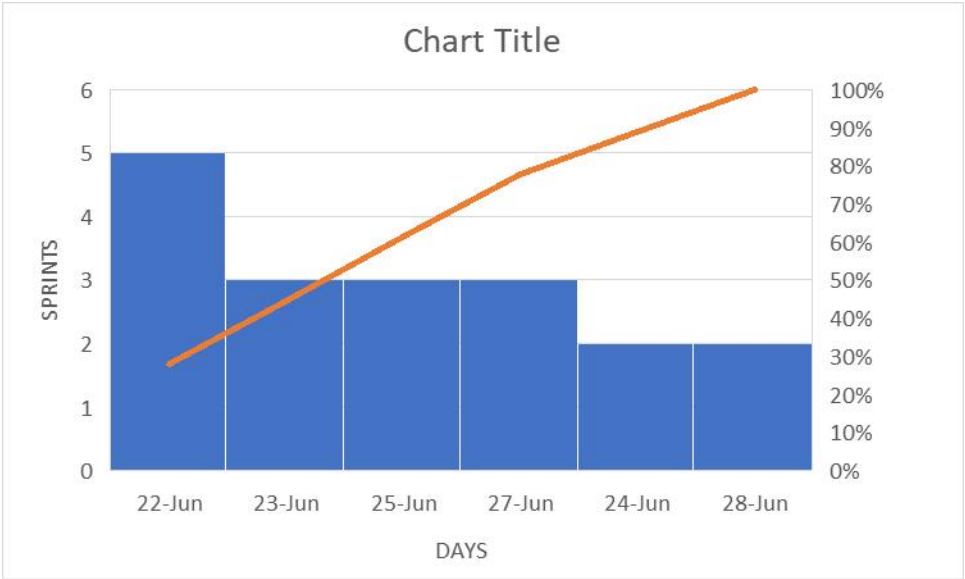
Velocity: Total Story Points Completed / Number of Sprints

Total story Points= 13+5 =18

No of Sprints= 5

$$AV = 18/5 = 3.6$$

Burndown Chart:



Data Table

Day	Sprint	Ideal Remaining	Actual Remaining	Tasks Completed
22 June	Sprint-1	18 → 15	18 → 13	US-1 (2pts), US-2 (3pts)
23 June	Sprint-2	15 → 12	13 → 10	US-3 (3pts)
24 June	Sprint-2	12 → 9	10 → 8	US-4 (2pts)
25 June	Sprint-3	9 → 6	8 → 5	US-5 (3pts)

Day	Sprint	Ideal Remaining	Actual Remaining	Tasks Completed
27 June	Sprint-4	6 \rightarrow 3	5 \rightarrow 2	US-6 (3pts)
28 June	Sprint-5	3 \rightarrow 0	2 \rightarrow 0	US-7 (2pts)