

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	23 June 2025
Team ID	LTVIP2025TMID51709
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)

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 import electricity consumption data from various sources(CSV,Excel,etc.).	3	High	Akhila
Sprint-1	Data cleaning & Preparation	USN-2	As a user, I can clean and transform the data usind tableau preparation for consistency.	2	High	Jyothirmai
Sprint-2	Dashboard Design	USN-3	As a user, I can view interactive dashboards showing electricity usage by region and time	5	High	Emman babu
Sprint-2	Insights & Patterns	USN-4	As a user, I can see trends and anomalies in usage patterns with line and bar charts	4	Medium	Lahari
Sprint-3	User Interfaction	USN-5	As a user, I can filter dashboards by custom date ranges and location	3	Medium	Emman babu
Sprint-3	Exporting & Sharing	USN-6	As a user,I can export dashboard insights as PDF or image	2	Low	Akhila

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	5	2 Days	24 June 2025	25 June 2025	5	5 July 2025
Sprint-2	2	2 Days	25 June 2025	26 June 2025		
Sprint-3	5	2 Days	27 June 2025	28 June 2025		

Velocity:

>Total Story Points Completed:5 (Sprint 1)+9 (Sprint 2)+5 (Sprint 3) = 19 Points.

>Total Duration of All Sprints:15 Days.

>Average Velocity per day = Total Story points /Total duration velocity = $19/15 = 1.27$ points per day

>Average Velocity per Sprint = $19/3 = 6.33$

Burndown Chart:

1. Visual Paradigm – Scrum Burndown Chart

Learn how to track daily progress visually during sprints.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart>

2. Atlassian – Burndown Charts Guide

Understand how burndown charts help monitor work progress.

<https://www.atlassian.com/agile/tutorials/burndown-charts>

References:

Project-Specific Agile References (for Tableau Data Projects)

1. **Agile Project Management Overview**

Agile basics that apply well to data visualization and dashboard creation.

<https://www.atlassian.com/agile/project-management>

2. **How to Do Scrum with Jira Software**

Relevant if you're using tools like Jira to manage your Tableau project backlog.

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira>

3. **Understanding Agile Epics**

Great for managing Tableau dashboards and features as grouped epics.

<https://www.atlassian.com/agile/tutorials/epics>

4. **Sprint Management in Agile Projects**

Essential for planning dashboard creation, data preparation, and insights generation.

<https://www.atlassian.com/agile/tutorials/sprints>

5. **Agile Estimation Techniques**

Helps you estimate story points for Tableau tasks like data cleaning, dashboard design, etc.

<https://www.atlassian.com/agile/project-management/estimation>

