

Project Planning Phase

Date: 22 June 2025

Team ID: LTVIP2025TMID20802

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 Req.	USN	User Story / Task	Points	Priority	Team
Sprint-1	Data Collection	USN-1	I can collect relevant electricity consumption data sets.	2	High	Narahari
Sprint-1		USN-2	I can clean the data using Excel/Google Sheets.	3	High	Nandan
Sprint-2	Visualization	USN-3	I can visualize electricity data using Tableau.	4	High	P Jaya
Sprint-3	Dashboard	USN-4	I can create an interactive dashboard in Tableau.	5	Medium	Peruma
Sprint-4	Documentation	USN-5	I can create project documentation and testing reports.	6	Medium	Peruma

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

Sprint	Story Points	Duration	Start Date	End Date	Completed	Release Date
Sprint-1	5	5 Days	01 July 2025	05 July 2025	5	05 July 2025
Sprint-2	4	5 Days	06 July 2025	10 July 2025	4	10 July 2025
Sprint-3	5	5 Days	11 July 2025	15 July 2025	5	15 July 2025
Sprint-4	3	5 Days	16 July 2025	20 July 2025	3	20 July 2025

Velocity:

The team's velocity is calculated based on total story points completed per sprint. For example, with 4 sprints of 5 days each and total 17 points completed, average velocity is 4.25 story points per sprint.

Burndown Chart:

A burndown chart is used to track the remaining work in the sprint. It helps monitor project progress. For creating a burndown chart, visit: <https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>