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

Date	30 June 2025
Team ID	LTVIP2025TMID50516
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
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 and Cleaning	USN-1	As a developer, I want to load and explore all 4 EV datasets for understanding.	2	High	Muralipriya
Sprint-1	Data Cleaning	USN-2	As a user, I want cleaned, formatted price and range values for easy analysis	2	High	Gowthami
Sprint-2	Dashboard Development (India)	USN-3	As a user, I want to see a dashboard showing EVs in India by type and price	3	High	Ruthvika
Sprint-2	Infrastructure Map	USN-4	As a user, I want to visualize EV charging stations on a map	3	Medium	Gowthami
Sprint-3	Global EV Dashboard	USN-5	As a user, I want to compare global EVs by speed, range, and price	3	High	Muralipriya
Sprint-3	Filters and KPIs	USN-6	As a user, I want to filter EV data by brand, type, and powertrain	2	High	Ruthvika
Sprint-4	Story Creation & Publishing	USN-7	As a developer, I want to build a data story using Tableau and publish it	2	High	Ruthvika
Sprint-4	Web Integration	USN-8	As a user, I want to view the Tableau dashboard on a Bootstrap-based web page	2	Medium	Ruthvika

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	4	4 Days	14 June 2025	17 June 2025	4	17 June 2025
Sprint-2	6	4 Days	18 June 2025	21 June 2025	6	21 June 2025
Sprint-3	5	3 Days	22 June 2025	24 June 2025	5	24 June 2025
Sprint-4	4	3 Days	25 June 2025	27 June 2025	4	27 June 2025

Velocity:

If Sprint-1 had 4 story points over 4 days:

Velocity = 4 / 4 = 1 **story point per day**