Project Planning Phase

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

Date	19 feb 2026
Team ID	LTVIP2026TMIDS80003
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 No.	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Connection	USN-1	As a team, we can import all EV datasets into MySQL and verify schema	2	High	Gotloori Balaji
Sprint-1	Data Visualization (Cars)	USN-2	As a user, I can view EV car specs, speed, and price in comparative views	3	High	Gotloori Balaji
Sprint-1	Data Visualization (Charging)	USN-3	As a user, I can view charging stations by region and type	2	High	Gotloori Balaji
Sprint-2	Filtering Features	USN-4	As a user, I can filter cars by powertrain, body style, or brand	2	Medium	Gotloori Balaji
Sprint-2	Summary Cards	USN-5	As a user, I can see summary cards comparing Indian and global EV brands	2	Medium	Gotloori Balaji
Sprint-2	Dashboard & Story	USN-6	As a user, I can view all sheets together in a dashboard & story layout	3	High	Gotloori Balaji
Sprint-2	Publish Dashboard	USN-7	As a team, we can publish the dashboard to Tableau Public	1	High	Gotloori Balaji

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	7	5 Days	25 June 2025	29 June 2025	7	29 June 2025
Sprint-2	8	6 Days	30 June 2025	5 July 2025	TBD	TBD

Velocity:

For Sprint-1:

• Story Points Completed: **7**

• Duration: **5 Days**

➡ Velocity = 7 ÷ 5 = 1.4 story points/day

Use of Velocity:

• To estimate future sprints more accurately.

• Based on this, Sprint-2 (8 points) would ideally need:

8 ÷ 1.4 ≈ 5.7 days → Round to 6 Days