Project Planning Phase

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

Date	26 June 2025
Team ID	LTVIP2025TMID48065
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