

## Project Planning Phase

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

Date	26 Jan 2026
Team ID	LTVIP2026TMIDS38849
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 Jan 2026	29 Jan 2026	7	29 Jan 2026
Sprint-2	8	6 Days	30 Jan 2026	5 Feb 2026	TBD	TBD

**Velocity:**

**For Sprint-1:**

- Story Points Completed: **7**
- Duration: **5 Days**

**→ Velocity =  $7 \div 5 = 1.4$  story points/day**

**Use of Velocity:**

- To estimate future sprints more accurately.
- Based on this, Sprint-2 (8 points) would ideally need:

$8 \div 1.4 \approx 5.7$  days → Round to 6 Days

