

Project Planning Phase

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

Date	3 February 2026
Team ID	LTVIP2026TMIDS82973
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

As a team, we are able to explore electric vehicle charge and range analysis through interactive visualizations and dashboards created using Tableau.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Integration	USN-1	As a developer, I can load and integrate multiple EV-related datasets into Tableau	3	High	Inapakolla Sai Saranya
Sprint-1	Data Preprocessing	USN-2	As a developer, I can clean and format data fields (e.g., city names, range categories)	2	High	Anurag Guptha
Sprint-2	Visual Analysis	USN-3	As a user, I can view EV growth trends using line and area charts	3	Medium	Nadipalli Devakiran
Sprint-2	Visual Analysis	USN-4	As a user, I can compare EV brands by range and cost using bar, bubble, and pie charts	3	High	Adadi Mouli Sri Priya
Sprint-3	Interactive Dashboard	USN-5	As a user, I can log into the application by entering email & password	2	High	Nadipalli Devakiran
Sprint-3	KPI and Comparison Cards	USN-6	As a user, I can navigate story points to understand EV market insights	2	Medium	Inapakolla Sai Saranya
Sprint-4	Storytelling Dashboard	USN-7	As a user, I can navigate a story dashboard that presents insights on EV adoption.	3	High	Adadi Mouli Sri Priya
Sprint-4	Documentation & Testing	USN-8	As a team, we can prepare project documentation and test the performance of visuals.	2	Medium	Nadipalli Devakiran

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	20	4 Days	31 Jan 2025	03 Feb 2025	20	03 Feb 2025
Sprint-2	20	4 Days	04 Feb 2025	07 Feb 2025	20	07 Feb 2025
Sprint-3	20	4 Days	08 Feb 2025	11 Feb 2025	20	11 Feb 2025
Sprint-4	20	4 Days	12 Feb 2025	15 Feb 2025	20	15 Feb 2025

$$AV = \frac{20 \text{ story points}}{4 \text{ days}} = 5 \text{ story points per day}$$

Burndown Chart :

