Project Planning Phase

Date: 24th Feb 2026

Team ID: LTVIP2026TMIDS63931

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 & Preparation	USN-1	Collect EV datasets from public sources	2	High	
Sprint-1		USN-2	Clean data in Excel to remove missing entries	2	High	
Sprint-1		USN-3	Write SQL queries to transform and normalize the data	3	Medium	
Sprint-2	Dashboard Development	USN-4	View EV trends using Tableau dashboard	4	High	
Sprint-2		USN-5	Filter dashboards by state, year, and fuel type	3	High	
Sprint-2		USN-6	View mapbased visuals of charging stations	3	Medium	

Sprint-3	KPI and Deployment	USN-7	View KPIs for EV	3	Medium	
			adoption and station density			
Sprint-3		USN-8	Publish the dashboard on Tableau Public	2	High	

Project Tracker, Velocity & Burndown Chart (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
Sprint-1	7	5 Days	17 Feb 2025	21 Feb 2025	7
Sprint-2	10	5 Days	22 Feb 2025	26 Feb 2025	10
Sprint-3	5	5 Days	27 Feb 2025	03 Mar 2025	5

Velocity Calculation:

Total Story Points Completed = 7 + 10 + 5 = 22

Total Sprints = 3

Velocity = 22 / 3 = ~7.33 story points per sprint