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

Date	21 February 2026
Team ID	LTVIP2026TMIDS80482
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	8 Marks

PRODUCT BACKLOG

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-	Data Collection 1	USN-1	As a user, I can upload EV dataset (battery, range, charging time)	2	High	Team
Sprint-1	Data Cleaning	USN-2	As a user, I can clean and preprocess EV data 2 for analysis		High	Team
Sprint-	Data Integration 1	USN-3	As a user, I can integrate multiple EV datasets into one system	3	Medium	Team
Sprint-	Visualization 2	USN-4	As a user, I can view EV range comparison charts	2	High	Team
Sprint-	Visualization 2	USN-5	As a user, I can analyze charging time using 2 graphs		High	Team
Sprint-	Dashboard 2	USN-6	As a user, I can view interactive dashboard in 3 Tableau		High	Team
Sprint-3	Filters & Analysis	USN-7	As a user, I can filter EV data by brand, battery, and range	2	Medium	Team
Sprint-	Insights 3	USN-8	As a user, I can get insights on EV efficiency and performance	3	High	Team
Sprint-3	Comparison	USN-9	As a user, I can compare multiple EV 2 models		Medium	Team

Task	Functional (Epic)	User Story Number	User Story / Members	Story Points	Requirement Priority	Team Sprint
Sprint-4	Optimization	USN-10	As a user, I can identify best EV based on range & charging	3	High	Team
Sprint-4	Reporting 4	USN-11	As a user, I can generate reports from dashboard	2	Medium	Team
Sprint-4	Deployment	USN-12	As a user, I can access dashboard online	3	High	Team

SPRINT SCHEDULE

Sprint	Total Story Points	Duration	Start Date	End Date	Completed Points	Release Date
Sprint-1	7	6 Days	Day 1	Day 6	7	Day 6
Sprint-2	7	6 Days	Day 7	Day 12	7	Day 12
Sprint-3	7	6 Days	Day 13	Day 18	7	Day 18
Sprint-4	8	6 Days	Day 19	Day 24	8	Day 24

PROJECT TRACKER

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)
Sprint-1	20	6 Days	27 Jan 2026	01 Feb 2026	20	01 Feb 2026
Sprint-2	20	6 Days	03 Feb 2026	08 Feb 2026	18	09 Feb 2026

Sprint-3	20	6 Days	10 Feb 2026	15 Feb 2026	20	15 Feb 2026
Sprint-4	20	6 Days	16 Feb 2026	20 Feb 2026	19	20 Feb 2026

VELOCITY

- Sprint Duration = 10 days (example)
- Story Points = 20

Velocity (AV) = 20 / 10 = 2 story points/day

Burndown Chart