

Project Planning Phase

Date	25 June 2025
Team ID	LTVIP2025TMID20808
Project Name	Visualization tool for electric vehicle charge and range analysis using Tableau
Maximum Marks	5 Marks

Sprint	Requirement (Epic)	User Story / Task	Story Points	Priority	Team Member
Sprint1	Dashboard Widgets	As a user, I want to see charging stations by region.	3	High	Prathipati Dinesh
Sprint-1	Dashboard Widgets	As a user, I want to view usage trends of chargers by time.	2	High	Pamarthi Lakshmi Durga
Sprint-2	Filter Options	As a user, I want to filter EV range data by vehicle brand.	3	Medium	Pallem Akshitha

Sprint2	Filter Options	As a user, I want to filter stations by charger type.	3	High	Nomula Tapasvi
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Project Plan

The project followed a phased approach over a span of four weeks. In the initial phase, datasets were identified and preprocessed. Subsequently, data was imported into Tableau, and individual sheets were prepared with various visuals such as bar charts, maps, and KPIs. Once individual visuals were ready, dashboards were designed and arranged using layout containers. Lastly, the entire dashboard and story were published and embedded into a custom-built HTML webpage. Tools used include Tableau Public, Excel, and VS Code for web integration.

Product Backlog, Sprint Schedule & Estimation Table

Sprint3	Story Design	As a user, I want to understand insights through a story view.	4	High	Pamarthi Lakshmi Durga
Sprint3	Export Option	As a user, I want to export story slides for reports.	2	Low	Prathipati Dinesh

Sprint Schedule, Velocity & Progress Tracker

Sprint	Total Story Points	Start Date	End Date (Planned)	Story Points Completed	Sprint Release Date
Sprint1	20	24 Jun 2025	27 Jun 2025	20	27 Jun 2025
Sprint2	20	01 Jul 2025	06 Jul 2025	—	—
Sprint3	20	08 Jul 2025	13 Jul 2025	—	—