

## Project Planning Phase

Date	3 July 2025
Team ID	LTVIP2025TMID49372
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	5 Marks

Sprint	Requirement (Epic)	User Story / Task	Story Points	Priority
Sprint-1	Dashboard Widgets	As a user, I want to see charging stations by region.	3	High
Sprint-2	Dashboard Widgets	As a user, I want to view usage trends of chargers by time.	2	High
Sprint-1	Filter Options	As a user, I want to filter EV range data by vehicle brand.	3	Medium
Sprint-2	Filter Options	As a user, I want to filter stations by charger type.	3	High

### 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
Sprint3	Export Option	As a user, I want to export story slides for reports.	2	Low