

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	25 February 2026
Team ID	LTVIP2026TMIDS40890
Project Name	Visualization Tool For Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Data Collection	Import EV datasets (India & Global)
FR-2	Data Preparation	Import EV datasets (India & Global)
FR-3	Data Visualization	Create dashboards & charts
FR-4	Story Creation	Create dashboards & charts
FR-5	Publishing	Publish dashboards to Tableau Public

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple, interactive dashboards
NFR-2	Security	Data integrity maintained
NFR-3	Reliability	Data integrity maintained
NFR-4	Performance	Fast visualization rendering
NFR-5	Availability	Accessible online via Tableau Public
NFR-6	Scalability	Additional datasets can be added