Solution Requirements (Functional & Non-functional)

Date	31 January 2025
Team ID	LTVIP2025TMID20831
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	User Registration	Registration through Form Vehicle Registration for Person Details Verify for vehicle Registration
FR-2	User Confirmation	Confirmation via Mobile Number Confirmation via OTP
FR-3		
FR-4		

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	
NFR-2	**Security**	Alarm system,secure charging infrastructure over the air,protecting charging station management system
NFR-3	**Reliability**	
NFR-4	**Performance**	Vehicle Battery performance Electric charging performance Distance of Speed of vehicle performance Charging performance of Speed Distance for Kilometres of time to charge the vehicle
NFR-5	**Availability**	
NFR-6	**Scalability**	