

Ideation Phase

Define the Problem Statements

Date	31 Jan 2026
Team ID	LTVIP2026TMIDS24926
Project Name	Visualization Tool For Electric Vehicle Charge And Range Analysis
Maximum Marks	2 Marks

Customer Problem Statement Template:

Electric vehicle customers often face challenges in accessing and interpreting data related to battery charge levels, driving range, and pricing across different EV models. The lack of a centralized, visual, and interactive platform makes it difficult to compare options effectively. This gap limits informed decision-making for both potential buyers and existing EV users.

Customer problem Statement Templates



Problem Statement (PS)		I'm trying to	But	Because	Which makes me feel
PS-1		To compare different EV models based on range, charge level, and price	The information is scattered and presented in complex formats	There is no single, visual tool that simplifies EV comparison	Confused and uncertain about making the right purchase decision
PS-2		To analyze battery capacity and range of EVs from various brands	The data is too technical and not easy to interpret visually	Available resources lack interactive visualizations and filters	Overwhelmed and frustrated during the selection process

