## **Problem Solution Fit**

Date	27 June 2025
Team ID	LTVIP2025TMID48669
Project Name	Visualization Tool for Electric Vehicle Charge
	and Range Analysis.
Maximum Marks	2 Marks

## TITLE:

Visualization Tool for Electric Vehicle Charge and Range Analysis.

Team ID: LTVIP2025TMID48669

## **Team Members:**

**Team Leader :** Likitha Dadi **Team member :** Ella Likhitha **Team member :** Gandi Dinesh **Team member :** Allada Vasanth

Team member: Goona Ganapathi Swamy

The Problem–Solution Fit analysis helped align real EV user needs with the proposed solution. EV owners often face range anxiety, lack of real-time charging station visibility, and fragmented data sources.

Through empathy mapping, pain-point analysis, and user behavior study, it was identified that a **centralized, visual, and web-accessible dashboard** could effectively address these challenges. This fit confirms that the proposed solution directly tackles a real-world user problem using feasible technology.

