Ideation Phase
Brainstorm & Idea Prioritization Template

Date	02 January 2026
Team ID	LTVIP2026TMIDS38933
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Reference: https://www.mural.co/templates/brainstorm-and-idea-prioritization

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

Step-3: Idea Prioritization

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Selected Problem Statement:

Electric vehicle users often face difficulty in understanding charging performance, battery efficiency, and driving range across different EV models due to scattered and complex data. A visualization-based dashboard can help users easily analyze EV charging speed and range characteristics.

Team Discussion Outcome:

- Users need clear comparison of EV range.
- Charging speed information should be easy to understand.
- Visualization helps quick decision making.
- Users want dashboard-based insights.
- Range vs price comparison is important.

Step-2: Brainstorm, Idea Listing and Grouping

Idea List

- EV dataset collection
- Data preprocessing
- Range comparison charts
- Charging speed visualization
- Efficiency analysis
- Price vs range analysis
- Dashboard development
- Interactive filters

Idea Grouping Group 1

– Core Features

- Data preprocessing
- Visualization dashboard
- Range analysis
- Charging analysis

Group 2 – Support Features

- Filters & comparisons
- Price analysis
- Efficiency charts
- Download reports

Group 3 – Advanced Features

- Predictive range analysis

- User customization
- Recommendation system

Step-3: Idea Prioritization

Idea	Impact	Effort	Priority
Dashboard Visualization	High	Medium	High
Range Analysis	High	Low	High
Charging Analysis	High	Medium	High
Price Analysis	Medium	Low	Medium
Report Download	Medium	Medium	Medium
Prediction Feature	High	High	Low

Final Selected Features:

- Data preprocessing
- Visualization dashboard
- Range analysis
- Charging analysis
- Comparative insights