

Ideation Phase

Brainstorm & Idea Prioritization

Date	22 June 2025
Team ID	LTVIP2025TMID20802
Project Name	Plugging into the Future_ An Exploration of Electricity Consumption Patterns
Maximum Marks	4 Marks

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

1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

 5 minutes

PROBLEM

How might we develop an electrical dashboard to help users monitor, visualize, and optimize energy usage in real-time ?



Key rules of brainstorming

To run an smooth and productive session



Stay in topic.



Encourage wild ideas.



Defer judgment.



Listen to others.



Go for volume.



If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

TIP You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

Sravanthi

Real-time energy consumption visualization

Threshold based alerts to power usage

Manikanta

Download smart meter logs

Interactive energy usage comparison charts

Priyanka

Integration with smart meter energy sensors

Automatic notifications for anomalies

Mahathi

Download smart meter logs to database

Interactive energy usage visualizations

3 Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

TIP Add customizable tags to sticky notes to make it easier to find, browse, organize and categorize important ideas as themes within your mural.

Real-time Monitoring

→

Reporting and Analysis

→

Sustainable Energy Integration

Step-3: Idea Prioritization

4 Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes

TIP Participants can use their cursors to point at where sticky notes should go on this grid. The facilitator can confirm the spot by using the laser pointer holding the **H** key on the keyboard.

Importance
If each of these ideas could get done without any difficulty or cost, which would have the most positive impact?

Feasibility
Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

