Ideation Phase
Brainstorm & Idea Prioritization

Date	24-06-2025
Team ID	LTVIP2025TMID48415
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
Maximum Marks	4 Marks

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

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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.
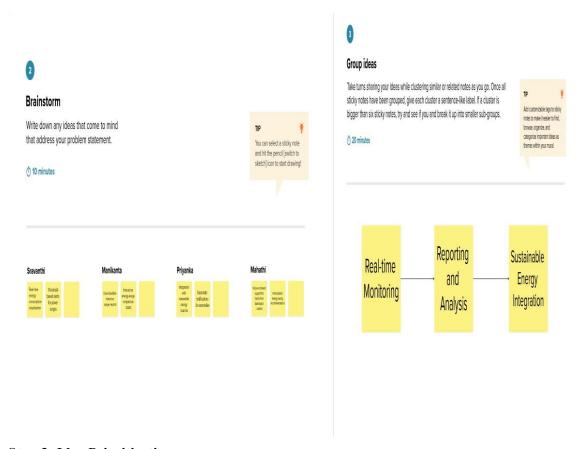
⏱ 5 minutes

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.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping

Sravanthi
- Real-time energy consumption visualization
- Threshold-based alerts for power surges

Manikanta
- Downloadable historical usage reports
- Interactive energy-usage comparison charts

Priyanka
- Integration with renewable energy sources
- Automatic notifications for anomalies

Mahathi
- Voice-command support for hands-free dashboard control
- Personalized energy-saving recommendations

Real-time Monitoring → Reporting and Analysis → Sustainable Energy Integration

Step-3: Idea Prioritization

Importance

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

- Real-time energy consumption vis.
- Threshold-based alerts
- Historical usage reports
- Interactive comparison charts
- Renewable energy integration
- Automatic anomaly notifications

Feasibility

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