Brainstorm & idea prioritization

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.

- **10 minutes** to prepare
- **1 hour** to collaborate
- **2-8 people** recommended

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

⏱ 10 minutes

A Team gathering
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B Set the goal
Think about the problem you'll be focusing on solving in the brainstorming session.

C Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

Open article →

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

This project helps industries monitor the emission of harmful gases. In several areas, the gas sensors will be integrated to monitor the gas leakage. If in any area, gas leakage is detected, the admins will be notified along with the location. In the web application, admin can view the sensor parameters.

Key rules of brainstorming

To run a smooth and productive session

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

Brainstorm

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

⏱ 10 minutes

BHARATH KUMAR

- Monitoring gas levels
- Automation of gas leakage deduction
- Alert gas leakage to fire station
- Be available at 24/7
- Home Security

VISHAL

- Introducing wireless gas detection system
- Implementation of multiple sensors
- Bot will alert through a phone call
- Fully automated system
- Live alerting system

PUGAZHENTHI

- Sending alert message to mail
- Monitoring the gas level in the monitor
- Sensor present in the gas tank
- Using GSM to send alert system
- Warning of a gas leak at the fire station

NAVAROJI

- Use of several sensors
- Mobile-app for real time monitoring
- It automatically switch on the exhaust fan
- There is a sensor in the gas tank
- Sending SMS based alert messages

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 and break it up into smaller sub-groups.

NETWORK BASED

- System will be fully automated
- Sending alert message through SMS
- Using GSM to send alert system

FEATURES TO BE ADDED

- Web based app for real time monitoring
- Cloud based gas leakage monitoring
- Adding new advance sensors

HELPS TO IMPROVE OUR PROJECT

- Adding new advance sensors
- Fully automated system
- Keeping an eye on the monitors gas level

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.

Importance
If each of these tasks 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.)

- Sending alert message through SMS
- Cloud based leakage monitoring
- Web-based app for real time monitoring