

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	22 October 2022
Team ID	PNT2022TMID51558
Project Name	Gas Leakage Monitoring and Alerting System
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.

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

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, admins can view the sensor parameters.



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.

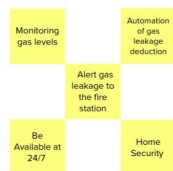
2

Brainstorm

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

🕒 10 minutes

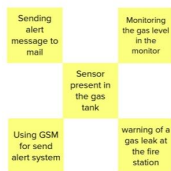
Angel Evangeline



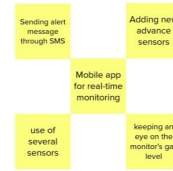
Agna! santhiya



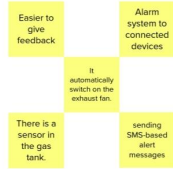
Palavesamuthu



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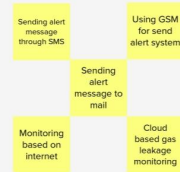
3

Group ideas

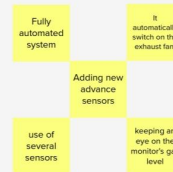
Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

🕒 20 minutes

NETWORK BASED



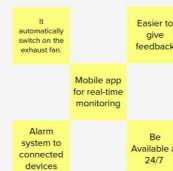
HELPS TO IMPROVE OUR PROJECT



FEATURES TO BE ADDED



OTHERS



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

