

Ideation Phase

Brainstorm & Idea Prioritization

Date	19 September 2022
Team ID	PNT2022TMID05741
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	4 Marks

Team Gathering, Collaboration and Select the Problem Statement

Gas Leakage Monitoring & Alerting System For Industries

This project helps the industries in monitoring 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.

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

- Team gathering**
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#)

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

Discontinuity can use natural gas and is very useful for heating purposes. If this gas is leaked in our buildings, offices or factories and not noticed in time, it may lead to a fatal disaster and may cause human lives. For this purpose, we can connect it with an idea of making such an emergency alarm to detect the leakage and alert the concerned persons in real time. Identify conditions and value assets and human lives.

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.

Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

10 minutes



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 and break it up into smaller sub-groups.

20 minutes



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.

30 minutes



5

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

- Share a view link** Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- Export the mural** Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

- Strategy blueprint** Define the components of a new idea or strategy. [Open the template](#)
- Customer experience journey map** Understand customer needs, motivations, and obstacles for an experience. [Open the template](#)
- Strengths, weaknesses, opportunities & threats** Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan. [Open the template](#)

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