

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	27 September 2022
Team ID	PNT2022TMID27071
Project Name	Gas Leakage Monitoring and Alerting System for Industries.
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization:

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



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](#)



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 upgrade the efficiency of Monitoring the Gas Leakage and the System get Alerted?



Key rules of brainstorming

To run a 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!

Kaviya M

Shut down the gas supply

Do not smoke.

Taking preventive measures in the case of a gas leak

Do not switch on/off any electrical switches or appliances.

Keep and Reference Records

Kumaran N T

Do not flick light switches

Ensure the area is well ventilated

Immediate rescue operations must in available condition

Power management should be monitored

Using of Toxic sensors to detect other gases too.

Abija Mercy J A

Check your appliances regularly

Check your gas safety documents

Perform Regular Inspections

Using Carbon monoxide detectors

If you detect a gas leak, turn off the gas supply

Lijitha Aswi A

Don't light matches

Call the national gas emergency number

Avoid activities that may trigger an explosion

Have your gas lines monitored.

Extinguishers are readily available

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

Using Various types of sensors

Using Various types of sensors

Using Various types of sensors

Know the Safety Protocol

Know the Safety Protocol

Know the Safety Protocol

Open the windows and shut off your electronic devices

Hire Professionals

Improve Monitoring Strategy

Proper respiratory protection

TIP

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

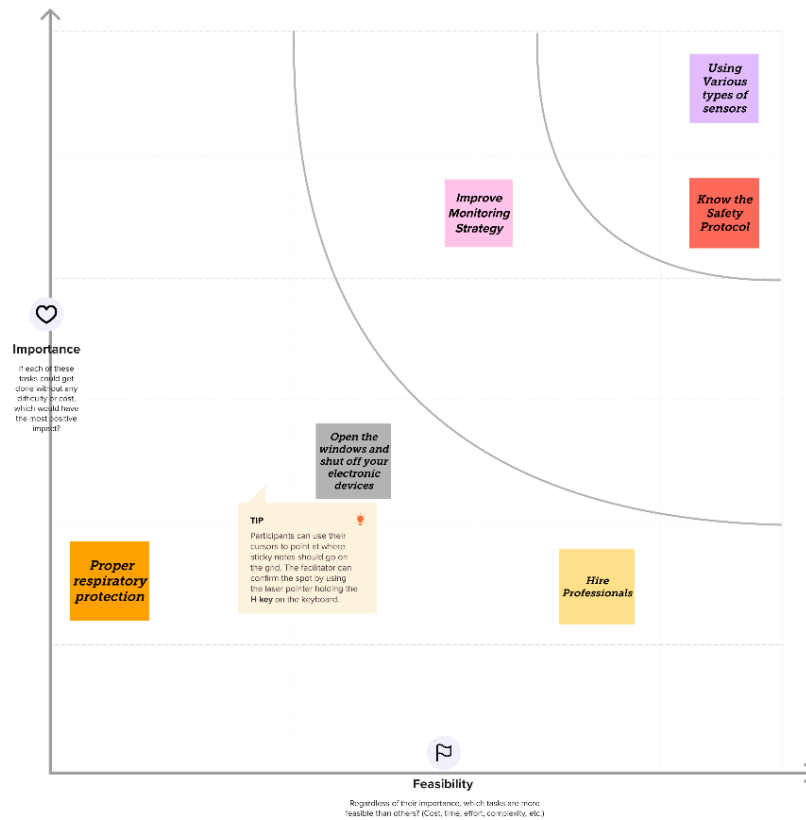
Step-3: Idea Prioritization:

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



→

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 the mural**
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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