


Ideation Phase

Brainstorm & Idea Prioritization Template




Date	19 September 2022
Team ID	PNT2022TMID36194
Project Name	Gas Leakage Monitoring And Alerting System For Industries
Maximum Marks	4 Marks

Template




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

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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](#) →

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


How might we (your problem statement)?





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.

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 arrow button to be added (click to start drawing)

MANIKANDAN

Additional layer of gas pipeline to withstand the leak

Separation of gas plants from urban lives and limiting the access

KEERTHI

Control the gas whenever it exceed the limit

Cover the pipeline withstanding material

LAVANYA

Providing safety gas masks to workers

Improve quality of material in which gas pass through

RUPAVATHI

Do not flick light switches

Regular inspection has to be performed

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

TIP
Add a recommended label to a cluster when the cluster is ready to label, transfer, organize, and categorize individual ideas are grouped with your group.

By using gas sensor trigger a alert, if there is any toxic gas was sensed

Alert the workers by buzzer in all department

Get accurate result using analog format

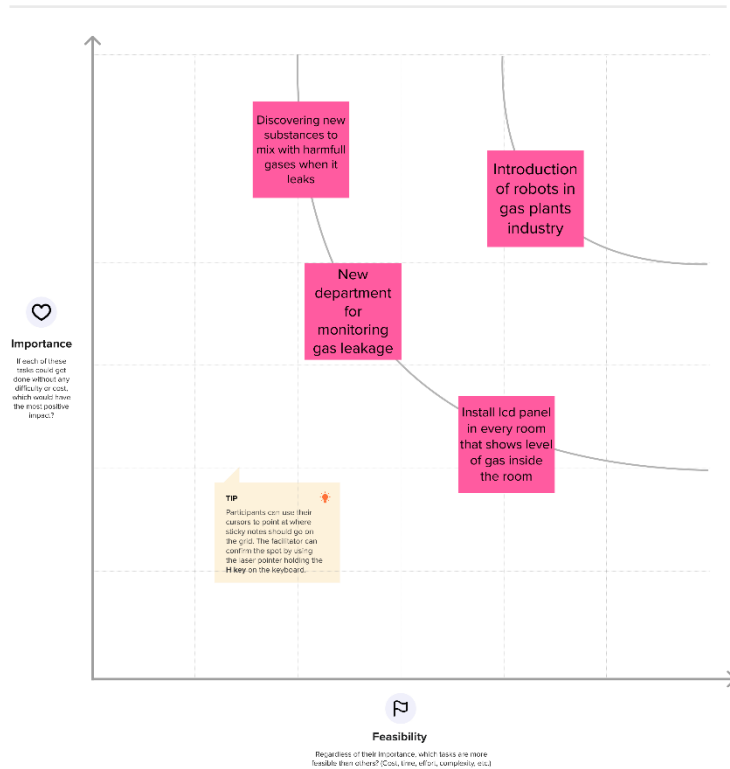
Install different light and alert system in room which was origin of toxic gas

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

- A Share the mural**
Share a **view link** to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- B 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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