

# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	26 NOVEMBER 2022
Team ID	PNT2022TMID30401
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES
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.**

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

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**

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 parameter.

**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

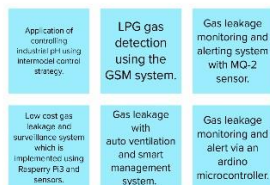
### Brainstorm

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

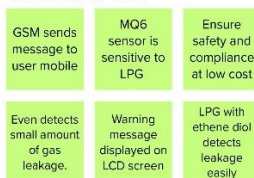
10 minutes

**TIP**  
You can select a sticky note and in the pane, switch to sketch! (can't start drawing!)

#### PARTHIBAN P



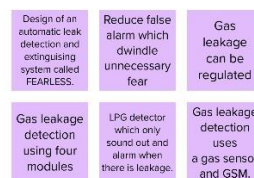
#### NAGARAJAN S



#### NAVEEN KUMAR J



#### MANOJ PANDI P



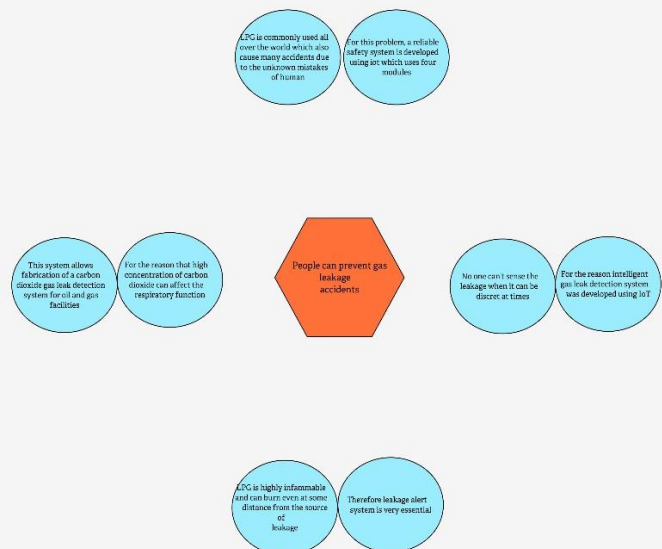
3

### 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 customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as they're added to 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

- 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 →](#)

[Share template feedback](#)



## Brainstorm & Idea prioritization

Use this template to generate your own brainstorming session or you can use it as a template to generate your own brainstorming session.

1. Brainstorming

2. Idea prioritization

3. Brainstorming

4. Idea prioritization

### 1. Brainstorming

Brainstorming is a creative process that involves generating a large number of ideas for a given topic or problem. It is a collaborative process that encourages participants to think outside the box and come up with innovative solutions.

2. Idea prioritization

Idea prioritization is the process of evaluating and ranking ideas based on their potential value and feasibility. It involves identifying the most promising ideas and focusing resources on them.

### 2. Define your problem statement

Before you can brainstorm ideas, you need to clearly define the problem you are trying to solve. This involves identifying the key issues and challenges that need to be addressed.

3. Brainstorming

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### 3. Group ideas

Once you have generated a large number of ideas, the next step is to group them into categories. This helps to identify common themes and patterns among the ideas.

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5. Brainstorming


Brainstorming is a creative process that involves generating a large number of ideas for a given topic or problem. It is a collaborative process that encourages participants to think outside the box and come up with innovative solutions.

### 5. After you collaborate

After you have collaborated with others to generate ideas, the next step is to evaluate and prioritize them. This involves identifying the most promising ideas and focusing resources on them.

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