Ideation Phase
Brainstorm & Idea Prioritization Template

Date	20 October 2022
Team ID	PNT2022TMID27536
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	4 Marks

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

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 or what 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

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**
> Workers engaged with industries packed with gas either harmful or harmless needs a way to monitor their gas pipelines continuously and detect early if there is any leakage of gas.

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

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!

SAFRIYA
- New Department for monitoring gas leakage
- Separation of Gas plants from urban Areas and mitigating these toxic gas.
- sensor connected with cloud to alert the industry
- Additional layer of gas pipeline to withstand the leak
- Discovering new substances to mix with harmful gases when it leaks
- Improving safety materials for workers
- Introduction of Robots in gas plants industry

CRYSTAL GLORY
- Alerting workers by buzzer in all department
- Controlling gas disaster at a second the limit
- Gaining the sensor based multi environment
- Covered the pipeline with withstanding material
- Detect more confusing using nearby areas

RISHIKUMAR
- Providing safety gas masks to workers.
- Improve quality of material in which gas pass through.
- By install absorbing product which absorb toxic gas.
- By using gas sensors trigger a alert ,if there is any toxic gas was sensed.
- Install automatic door close system when leakage of toxic gas was detected

SAM JOHNSON
- Checking optimum regularly.
- Rapid response log to be performed
- Immediately contact the brigade
- Instant monitoring and storing the valued data
- Minimum loss surfaced instantly
- Notify operation to change.
- Door Bolt light initialise
- Pave works delta dust the last year
- Minimum extent of ignition

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

- sensor connected with cloud to alert the industry
- By using gas sensors trigger a alert ,if there is any toxic gas was sensed.
- Alert the workers by buzzer in all department
- Install different light and alert system in room which on single of toxic gas
- Get accurate result using analog format
- Cover the pipeline with withstanding material
- Improving safety materials for workers
- Improve quality of material in which gas pass through
- Providing safety gas masks to workers.
- By install absorbing product which absorb toxic gas.
- Control the gas whenever it exceed the limit

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

Importance
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility
Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

- By using gas sensors trigger a alert ,if there is any toxic gas was sensed.
- Improve quality of material in which gas pass through.
- Cover the pipeline with withstanding material
- Improving safety materials for workers
- Providing safety gas masks to workers.
- By install absorbing product which absorb toxic gas.
- Discovering new substances to mix with harmful gases when it leaks

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.

20 minutes

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

Share template feedback