



## 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



#### 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

Industrial Labours who works on oil & gas industry needs a Monitoring system to monitor their gas pipelines and wants to detect if there is any Emission of Harmful gases Take place.



#### 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

#### TP

You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

## Palani Kumar S

Use Gas sensor to detect the emission of harmful gas

Send Alert Notification to the control room along with the Location

Adding Extra layer of pipeline over the pipeline in which gas pass through

Creates a way to the Admin to view/know about the Sensor parameters.

Use Helium Tracer to detect Gas leakage which gives 90% of accuracy

Use Gas-Liquid absorption method to eliminate Toxic gas from a gaseous mixture

Use Explosion Proof Materials

Creates and Maintain a proper Ventilation System

Make sure to check the Air Purifying Respirators are in good condition

Use "Full face gas Masks"



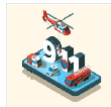
Wearing the Proper Flame-Resistant Clothing during work



Place Fire Extinguisher in regular intervals on the industry



Having a Command Control on Fire suppression Equipments through IOT



Alert the Labours Using Buzzers, Industrial Audible Alarms, Sirens etc.

Conduct Safety Awareness training and Make guide lines for labours to follow

Use inhibitors to Prevent Corrosion

Planting more trees to make the Environment better

Follows Best Management Practices to Reduce the Environment Pollution

Avoid Use of Flammable things

Avoid Using Electrical appliances/switches at the time of near the gas leakage

Provide proper Training for Labours based on their Work

Perform Regular Inspection & Maintenance

If gas leakage happens, Opens all the Exit doors and Ensure all labours are evacuated from the Industry

Contact the Fire station & Ambulance in case of Emergency

## Surya Kumar K

## Mithul Kannan K R



### 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 can break it up into smaller sub-groups.

20 minutes

#### TP

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

## Ideas involved in process

Place Gas sensor to detect the emission of harmful gas

Send Alert Notification to the control room along with the Location

Alert the Labours Using Buzzers, Industrial Audible Alarms, Sirens etc.

Contact the Fire station & Ambulance in case of Emergency

Use inhibitors to Prevent Corrosion

Use Helium Tracer to detect Gas leakage which gives 90% of accuracy

Use Explosion Proof Materials

Use "Full face gas Masks"

Use Gas-Liquid absorption method to eliminate Toxic gas from a gaseous mixture

## Things-To-Do

Provide proper Training for Labours based on their Work

Perform Regular Inspection & Maintenance

Conduct Safety Awareness training and Make guide lines for labours to follow

Wearing the Proper Flame-Resistant Clothing during work

If gas leakage happens, Opens all the Exit doors and Ensure all labours are evacuated from the Industry

Creates and Maintain a proper Ventilation System

Adding Extra layer of pipeline over the pipeline in which gas pass through

## To Avoid

Avoid Use of Flammable things

Avoid Using Electrical appliances/switches at the time of near the gas leakage



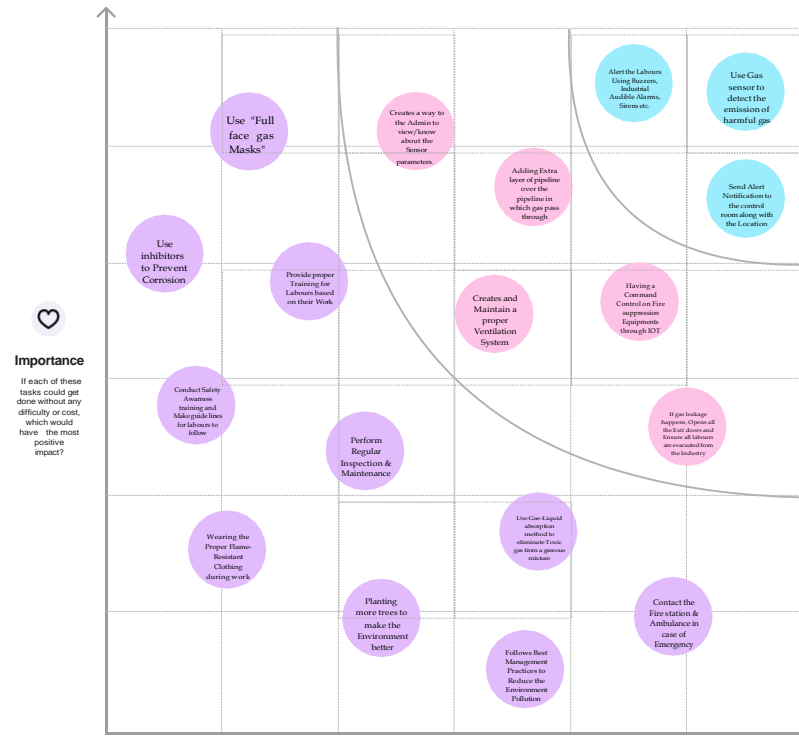
### Prioritize

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

#### TP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.



#### Feasibility

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



### 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 →



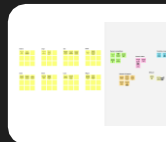
#### Strengths, weaknesses, opportunities & threats

Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

Open the template →



#### Share template feedback



#### Need some inspiration?

See a finished version of this template to kickstart your work.

Open example →