

### **Brainstorm** & idea prioritization

Usethis templateinyourown brainstorming sessions so yourteam canunleash their you're not sitting in the same room.

- (b) 10 minutes topre pare

imagination and startshaping conceptseven if

- 1 hour toc ollaborate
- 2-8 people recommended

### MEMBERS OF THE IDEATION PROCESS:

TEAMLEAD: ABIRAMI M TEAM MEMBER1: JERALDU T

Alerting system for Industries

### Define your problem statement

Might Westatement. This will be the focus of your brains torm.

## → 5 minutes

Whatproblemareyou tryingtosolve?Frameyour problemas aHow

10 minutes

ABIRAMI M

threshold of gas

used to sense

### Brainstorm Writedown anyideasthatcome to mindthataddress your problems tatement.

JERALDU T

identifying the

concentration of

gas in air

microcontroller

nodemcuused for

monitoring

service used for

gas leakage

interfaced with

IBM Watson

authorities when gas i

detected

MQsensorisusedto

monitorthe

concentrationofgas

workingof

monitoringsystem

means of

network like

LoraWAN

RAMPRASATH C

Recording of

values from sensor

predicting the

detection of gas

Air particle

concentration

measurement

to sense gas

pencil (switch to sketchlicon tostart

HAKIM N

gas detection and

monitoring

networkusing

sensor to better

monitoring

implementedwith

specificapplication.

setup in both

domestic and

includes gas

leakage and

other harmful

can include

alerting through

applications

If in case of fire

sprinklers etc

can be activated

concentration of

smoke particles

can be sensed

as well

continuous

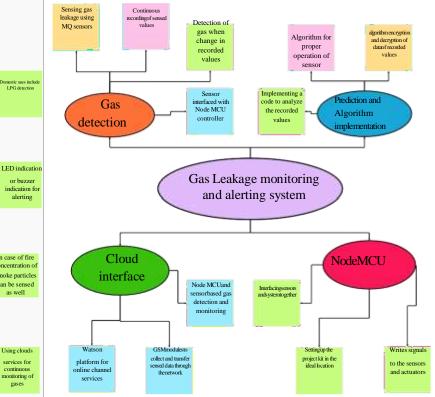
monitoring of

gases

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 intosmallersub- groups. 20 minutes

Group ideas

Add customizable tags to sticky notesto make it easier to find, browse organize. and categorize important ideas as





Participants canusetheir cursors to on thegrid. Thefacilitator can confirmthespot byusing the laser pointerholdingthe Hkeyonthe keyboard.

After vou collaborate

Quick add-ons

Share the mural

Export the mural

Keepmoving forward

Share template feedback

loop about the outcomes of the session.

Export acopy of the mural as aPNG or PDF to attach to

emails, include inslides, or save inyour drive.

Strategy blueprint

foran experience.

(SWOT) to develop a plan.

Open the template

of your company who might find it helpful.

You can export the mural as an image or pdf to share withmembers

Share a view link to the mural with stakeholders to keep them in the

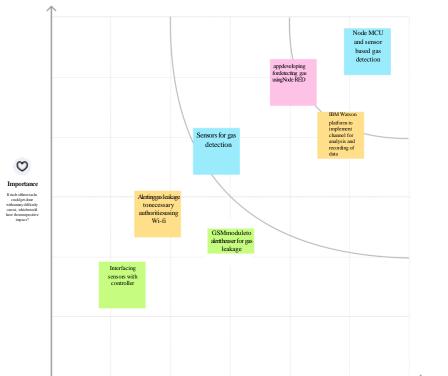
Define the components of a new idea or strategy.

Customer experience journey map

Understand customer needs, motivations, and obstacles

Strengths, weaknesses, opportunities & threats

Identify strengths, weaknesses, opportunities, and threats





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

### A Te am gathering De fine who should participate in the sessionand send an invite. Share relevant information orpre-work ahead. B Set the goal Thinkabout the problemyou'll be focusing on solving in the brainstorming session.

C Learn how to use the facilitation took Usethe Facilitation Superpowers torun ahappy and productive session.

Before vou collaborate

10 minutes

Here's what you need to do to get going.

A littlebitof preparationgoes along way with this session.

Openarticle

TEAM MEMBER2: RAMPRASATH C TEAM MEMBER3: HAKIM N

### TODAY'S DISCUSSION TOPIC:

Gas Leakage monitoring &

# **PROBLEMSTATEMENT**

Every year there are numerous accidents due to gas leakage. → Both industrial and domestic leakage of gas might lead to such incidents



The leakage of gases only can be detected by human nearby and if there are no human nearby. it cannot be detected.

But sometimes it cannot be detected by human that has a low sense of smell.



Thus implementation of a gas detection and monitoring system can greatly help in reducing the accidents caused due to gas leakage.



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