

Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID15548
Project Name	Gas Leakage monitoring & Alerting System for Industries
Maximum Marks	4 Marks

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



Brainstorm & idea prioritization

Gas Leakage monitoring & Alerting
system for Industries

🕒 10 minutes to prepare

🕒 1 hour to collaborate

👤 2-8 people recommended

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.

🕒 10 minutes

Problem

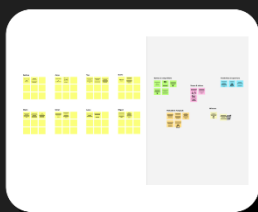
How we detect gas leakage?

How we monitor the gas leakage?

How it affect workers in
industries?

Is we aware of creating the
alerting sytem?

Benefits of monitoring the gas
leakage?



Need some inspiration?

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

[Open example](#) →

Step-2: Brainstorm, Idea Listing and Grouping

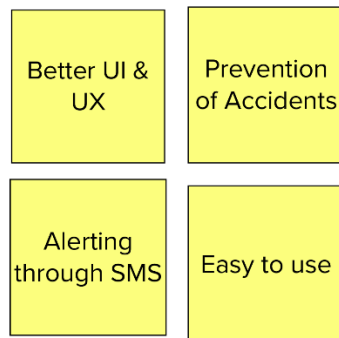
2

Brainstorm

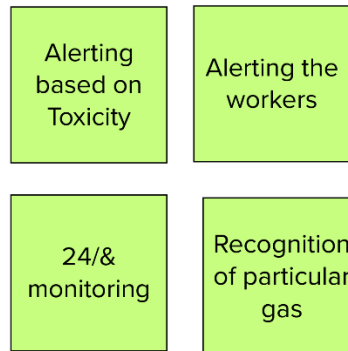
Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

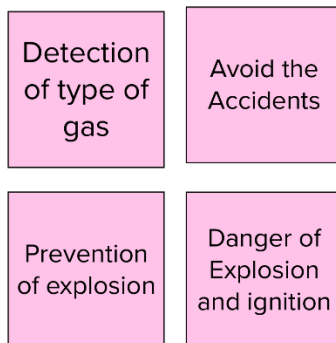
Shine D



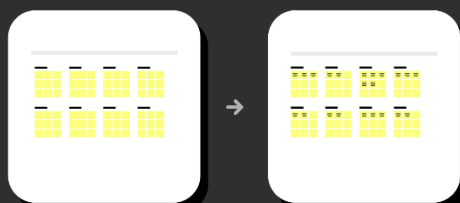
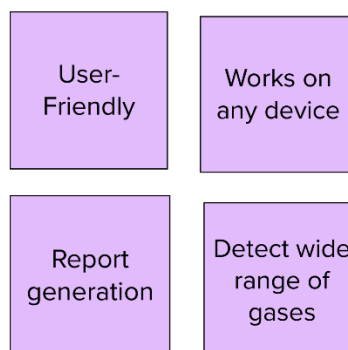
Sai kishan M H



Divith R



poli pavan kumar



3

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

Experience

Device
compatability

Better UI &
UX

User-
friendly

Accurate
Reults

Categorization

categorize
based on
toxicity

Easy to
identify

Insights

Generate
repots on
monitoring

Alerts

Altering the
workers
through
SMS

prevention
of
Explosion

24/7
mointoring

Awareness

Create
awareness of
hazardous
gas



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

