**IDEATION**

**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.

**PROBLEM:**

This project helps industries monitor 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 parameters.

**To run an smooth and productive session:**

* Stay in topic
* Defer judgment
* Go for volume
* If possible, be visual
* Listen to others
* Encourage wild idea

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

Alert gas  
leakage to  
the fire  
station

Automation  
of gas  
leakage  
deduction

Monitoring  
gas levels

**ESWARAMOORTHY P SIRANJEEVI K**

Implementation  
of multiple  
sensors

Introducing  
wireless gas  
detection  
system

Live  
alerting  
system

Bot will alert  
through a  
phone call

Home  
Security

**PURUSHOTHAMAN R GURUMOORTHY S**

Alarm  
system to  
connected  
devices

Easier to  
give  
feedback

Monitoring  
the gas level  
in the  
monitor

Sending  
alert  
message to  
mail

Sending  
SMS-based  
alert  
messages

There is a  
sensor in  
the gas  
tank.

Using GSM  
for send  
alert system

Sensor  
present in  
the gas  
tank

**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.

**NETWORK BASED HELPS TO IMPROVE OUR PROJECT**

Using GSM  
for send  
alert system

Sending alert  
message  
through SMS

Fully  
automated  
system

It  
automatically  
switch on the  
exhaust fan.

Keeping an  
eye on the  
monitor's gas  
level

Adding new  
advance  
sensors

Use of  
several  
sensors

Cloud  
based gas  
leakage  
monitoring

Sending  
alert  
message to  
mail

Monitoring  
based on  
internet

**FEATURES TO BE ADDED OTHERS**

Easier to  
give  
feedback

It  
automatically  
switch on the  
exhaust fan.

Sending alert  
message  
through SMS

Adding new  
advance  
sensors

Alarm  
system to  
connected  
devices

Be  
Available at  
24/7

Mobile app  
for real-time  
monitoring

Keeping an  
eye on the  
monitor's gas  
level

Cloud  
based  
monitoring

Web-based  
app for real-  
time  
monitoring