

Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID22891
Project Name	Gas leakage monitoring and alerting system
Maximum Marks	4 Marks

Brainstorm :

First half:

PROBLEM

Gas leakages resulting into fatal inferno has become a serious problem in household and other areas where household gas is handled and used. Gas leakage leads to various accidents resulting in financial loss as well as human injuries and loss.

YOVAN.K

First to detect gas leakage and neutralize it.

we can keep hybrid alarm to alert the people around

Combustible gases can be detected by catalytic and infrared sensors

because propane gas is heavier than air we want to place detectors low to the ground

SANTHOSH.M

Using gas sensor and GSM module we can detect the gas leakage

As GSM module is used it can alert all the people involved about the leakage

using a carbon monoxide detector features an electrochemical CO sensor and voice alarm

SHALINI.M

It provides with a clear indication of where the carbon monoxide is most concentrated

Next half:

Combustible gases can be detected by catalytic and infrared sensors

Using gas sensor and GSM module we can detect the gas leakage

As GSM module is used it can alert all the people involved about the leakage

Also we can use a carbon monoxide detector features an electrochemical CO sensor and voice alarm

