



# GAS LEAKAGE DETECTION AND MONITORING

What do they hear?  
What friends say  
What boss say  
what influencers say

What do they See?  
Environment friends what the market offers

What do they think and feel?  
Worries and aspirations  
Major preoccupations

Will save life and goods

Harmful gases detection will help a lot.

Maintenance cost should be affordable

Fire accidents is controlled to a certain number

What do they say and do?  
Attitude in public  
Behavior towards others

Instant notification to user

Should be easy to access and operate

Health alerts while toxic gases emitted

IOT to effective utilization of sensors and inetwork

PAIN  
Fears frustrations obstacles

Delay on alert must be minimal

Temperature and acidic resistance

Maintenance notifications to prevent and control emission

Flexible for various gases and amount of leakages

Should create considerable impact, stable and reliable system

Sensitive to odorless and colorless gases

Ideas  
The aim or purpose

wireless sensor network for gas leakage detection

Monitoring through Mobile Application

Explosion prevention system works based on alarm/buzzer

LED will glow RED and simultaneously solenoid valve turn off and update IOT

GAIN  
"wants" / needs measures of success obstacles

Secure and reliable for long run

Vast kind of gas detection

Instant alarm and alerts

Server must be robust and access soecifiable

Should withstand extreme environmental conditions

Real time query and answers