EMPATHY MAP

DOMAIN: IOT

PROJECT TITLE: GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES

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Gas Leakage Monitoring and Alerting System For Industries

How often do we need to calibrate gas monitor?

What deposition technique did you apply?

What do they **THINK AND FEEL?**
what really counts
major preoccupations
worries & aspirations

How do industries prevent gas leaks?

Node-RED

What do they **HEAR?**
what friends say
what boss say
what influencers say

Gas sensor continuously compared to lifetime extension.

Threshold range will be embedded.

Monitor the sensor anytime using cloud framework.

Detector having Smart Alerting techniques involving SMS and e-mail.

More applicable to today's applications and smarter.

Traditional gas leakage detection system have great precision.

What do they **SEE?**
environment
friends
what the market offers

IoT

Leak detection is compensated volume balance method.

IOT Technology for enhancing the safety standards.

What do they **SAY AND DO?**
attitude in public
appearance
behavior towards others

Prediction based on Performance and analytics.

</> **PY**

python

PAIN
fears
frustrations
obstacles

Extremely high concentrations can kill the sensors.

Operational negligence to detect gas leaks is damaged.

Toxic gases in very low concentrations.

GAIN
"wants" / needs
measures of success
obstacles

Low power consumption and reliable.

Excellent sensitivity combined quick response time.

Long run the maintenance cost is very less