

PROBLEM STATEMENT

DOMAIN: INTERNET OF THINGS

TITLE: GAS LEAKAGE MONITORING AND ALERTING SYSTEM

1. WHAT DOES THE PROBLEM AFFECT?

Release harmful greenhouse gases to the atmosphere, Industrial Workers, Surrounding environmental people, gas leaks can kill vegetation, spreading of poisonous gas

2. What is the issue?

Faulty Pipelines, Low monitoring, not replacing old materials

3. What is the impact of the issue?

- + Pollution to near surroundings
- + Diseases prone
- + Breathing less condition
- + Affect industrial growth

4. What would happen if we did not solve the problem?

- + Poor pipelining causes the emission of toxic gases which harmful to the environment.
- + Less monitoring or carelessness of regular checkup can leads to explosion or other types of fire hazard.
- + Using old materials like rusted pipes and not aware of replacing it , which is dangerous to industry. Hazard can happen any time

5. What would happen when it is fixed?

By maintaining and solving, these parameters of issues mainly like Pollution and spreading of toxic gases, we can fix the problems

6. Why it is important that we fix the problem?

Due to emission of gases, which leads to varying of weather and affects the earth layer that is protects from UV radiation