

# PROBLEM STATEMENT

**DOMAIN:** INTERNET OF THINGS

**PROJECT TITLE:** GAS LEAKAGE MONITORING AND ALERTING SYSTEM

**Team ID :** PNT2022TMID21596

**Team members:**

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## 1.How does the Problem affect?

The main consequences are the emission of flammable substances into the environment, fire, explosion, and distribution of toxic substances

Serious risks of carbon monoxide poisoning in people and animals.

## 2.What is the issue?

Improper use of gas furnace, stove, or appliance.

Fault in the gas pipeline

## 3.What is the impact of the issue?

Create potential hazards for the workers in the industry

Create Pollution to environment

Diseases prone

## 4.What would happen if this problem is not solved?

Emission of toxic gases which is harmful to the environment

Leads to explosion or other types of fire hazard

Rusted and poor pipelines creates hazard.

## 5.What would happen if this problem is fixed?

Identifying and solving the issue parameters like pollution and spreading of poisonous gas ,we can fix the problem.

## 6.Why it is important to fix the problem?

Emission of harmful gases leads to varying of environmental weather and affects the earth layer which is protected by the UV radiation.