

PROBLEM STATEMENT

DOMAIN: INTERNET OF THINGS

TITLE: GAS LEAKAGE MONITORING AND ALERTING SYSTEM

1.WHO DOES THE PROBLEM AFFECT?

Organization workers, public people and those who stays nearby where the gas leaks, without noticing malfunction of the gas detection system would causes explosions, fire hazards, discharge of toxic gases.

2.WHAT IS THE ISSUE?

1. Lack of ventilation
2. poor piping
3. Low Maintenance
4. Carelessness

3.WHAT IS THE IMPACT OF THE ISSUE?

1. Cause health issues
2. Product loss
3. Environmental pollution

4.WHAT WOULD HAPPEN IF WE DIDN'T SOLVE THE PROBLEM?

Undetected gas leaks can cause carbon monoxide levels to build in the home, which can result in sickness, house fires or even explosions. While there are things that you can do to prevent a gas leak, being able to identify if there is a leak is also important because early detection is key.

5.WHAT WOULD HAPPEN WHEN IT IS FIXED?

We can reduce the Gaseous Explosion, Reduce Environmental pollution and save Lives by fixing gas leakage.

6.WHY IS IT IMPORTANT THAT WE FIX THE PROBLEM?

Aside from causing explosion hazards and fire, gas leaks can kill vegetation and release harmful greenhouse gases (usually methane) to the atmosphere, further contributing to the ongoing climate change problem.