

# IBM Naalaiya Thiran

## Gas Leakage Detection System

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# EMPATHY MAP

GAS LEAKAGE  
DETECTION  
SYSTEM USING  
IOT

SAYS

THINKS

In this project, the gas leak is detected and alerts the surrounding area.

Using Arduino, Gas sensor and Buzzer.

There are many accidents due to explosions and because of gas leaks and left unrepaired and these can be prevented.

Gas leak detector and an alert to the owner, in order to maintain the safety of the society, and to protect ourselves.

Arduino, Gas sensor, alarm speaker.

Detect the Gas leak

Above the threshold value and turns on buzzer

Buzzer ON alarm alert.



DOES



FEELS

Development must balance social, economic and environmental sustainability.

Safe and Secure environment