

GAS LEAKAGE MONITORING AND ALERTING SYSTEM

SOLUTION ARCHITECTURE

Date	13 th October 2022
Team ID	PNT2022TMID04047
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Mark	2 marks

Problem Statement:-

The leakage of gases only can be detected by human nearby and if there are no human nearby, it cannot be detected. But sometimes it cannot be detected by human that has a low sense of smell. Thus, this system will help to detect the presence of gas leakage.



Solution Statement:-

IOT and Arduino based Gas leakage detection system senses the gas with the help of an gas sensor. Data sensed by these sensors is sent to the IOT. The IOT module then sends the data over to a website. The buzzer is turned ON once the gas leakage is detected. At this time, LCD Display shows a message as “Leakage detected”.

