

# Gas Leakage Monitoring and Alerting System

## Solution Architecture

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| Date         | 13st October 2022                          |
| Team ID      | PNT2022TMID03956                           |
| Project Name | Gas Leakage Monitoring and Alerting System |
| Maximum Mark | 2 marks                                    |

### Problem Statement

Gas detector can sound an alarm to operators in the area where the leak is occurring , giving them the opportunity to leave. This type of device is important because there are many gases that can be harmful to organic life, such as humans or animals.



## Solution Statement

We can use sensors that are used to detect essence of propane , Iso-butane , LPG and even smoke. These sensors have an advantage to combine a sensitivity response time. The system will detect the presence of excess amount of harmful gases in environment and immediately turns ON the buzzer for danger indication . Buzzer is a clear indication of gas leakage.

