

## ProjectDesignPhase

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## ISolutionArchitectur

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Date	19-sep-2022
TeamID	PNT2022TMID30444
ProjectName	Project-Gas Leakage Monitoring and Alerting System
MaximumMarks	4Marks

### SolutionArchitecture:

GasLeakageMonitoring&AlertingSystemforIndustrieshasallthefeaturesasexplained below

- This project helps the industries in monitoring the emission of harmful gases.
- In several areas, the gas sensors will be integrated to monitor the gasleakage.
- If in any area gas leakage is detected the admins will be notified along withthe location.
- The admins can view the sensor parameters that is sent to them through theWi-Fi module.
- ThesystemalsoprovidesindicationthroughanLCDdisplay,buzzerandturnson the exhaust fan on detecting gas leakage.

### SolutionArchitectureDiagram:

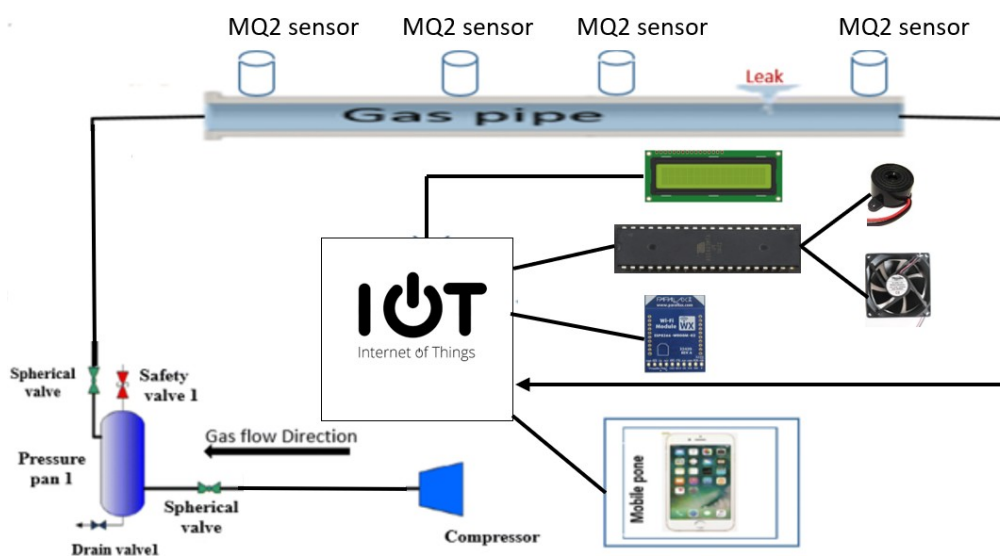


Figure1:Architectureanddataflowofthegasleakagemonitoringandalertingsystem.