

Project Design Phase-I Solution Architecture

Date	15 November 2022
Team ID	PNT2022TMID14468
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- The best tech solution to solve one of the existing problems is SMS Alert.*
- It has Low power consumption and highly effective from NODEMCU.*
- It sends the alert message to Fire Department and workers inside the facility.*
- Real time monitoring can be achieved to the storage of the data received by the NODEMCU from the sensor.*

Solution Architecture Diagram:

