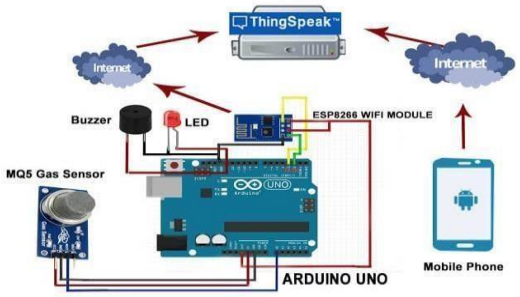
Project Design Phase-I
Proposed Solution Template

Team ID	PNT2022TMID49765
Project Name	Gas leakage alerting and monitoring system
Maximum Marks	2 Marks

Solution Template:

Project team shall fill the following information in proposed solution template.

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To detect the gas leakage to alert the user through notification
2.	Idea / Solution description	In order to have a control over such conditions we proposed system that uses sensors which is capable of detecting the gases such as CO2, CO and CH4 (Methane). This system will not only able to detect the leakage of gas but also alerting through audible alarms.
3.	Novelty / Uniqueness	• Ability to predict the hazardous situation • Low cost • It will monitor Methane Gas Leakage
4.	Social Impact / Customer Satisfaction	• This model is vital for the society as there are lot of people unable to detect the gas leakage prior the fire accident. • We used the IoT technology to make a Gas Leakage Detector for society which having an Alerting techniques involving sending text message to the concerned authority and an ability performing data analytics on sensor readings.

5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	Develop a proposed system which include some safety factors. If there is no motion detection, the doors will lock automatically.