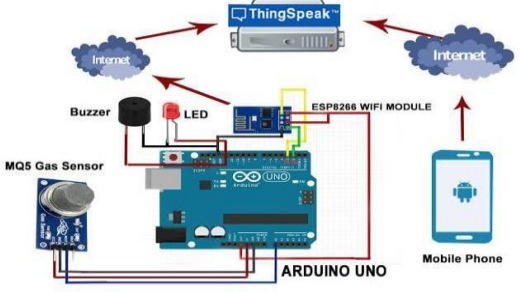


## Project Design Phase-I Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID30535
Project Name	Gas Leakage Monitoring And Alerting System For Industries
Maximum Marks	2 Marks

### 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 LPG, CO <sub>2</sub> , CO and CH <sub>4</sub> . This system will not only able to detect the leakage of gas but also alerting through audible alarms.
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> <li>Ability to predict the hazardous situation</li> <li>Low cost</li> </ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>This model is vital for the society as there are lot of people unable to detect the gas leakage prior the fire accident.</li> <li>we have used the IoT technology to make a Gas Leakage Detector for society which having Smart Alerting techniques involving sending text message to the concerned authority and an ability performing data analytics on sensor readings.</li> </ul>
5.	Business Model (Revenue Model)	

6.	Scalability of the Solution	Develop a proposed system which include some safety factors.
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