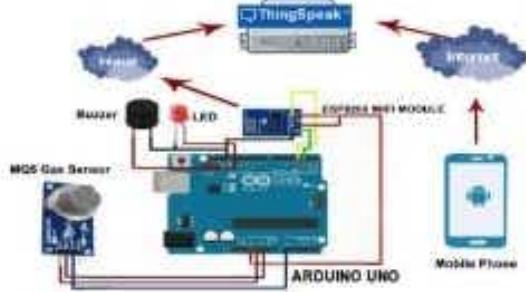


Proposed Solution Template:

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 LPG, CO ₂ , CO and CH ₄ . 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">Ability to predict the hazardous situationLow cost
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">This model is vital for the society as there are lot of people unable to detect the gas leakage prior the fire accident.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.
5.	Business Model (Revenue Model)	 <p>The diagram illustrates a Gas Leakage Detection System. At the center is an Arduino Uno microcontroller. It is connected to an ESP8266 WiFi module, which is further connected to a ThingSpeak cloud icon. Another connection from the WiFi module goes to a mobile phone icon. On the breadboard, an MQ2 Gas Sensor is connected to the Arduino. A Buzzer and a red LED are also connected to the Arduino's pins. The breadboard is labeled with 'ARDUINO UNO' and 'ESP8266 WiFi MODULE'.</p>
6.	Scalability of the Solution	Develop a proposed system which include some safety factors.