

**Project Design Phase-I**  
**Proposed Solution Template**

Date	17 october 2022
Team ID	PNT2022TMID04636
Project Name	<b>Project - Gas Leakage Monitoring and Alerting System</b>
Maximum Marks	2 Marks

**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)	The aim of this project is to detect the leakage of combustible, flammable and harmful gases and alerting users about the leakage.
2.	Idea / Solution description	Sensors can be used to detect the gas leakage and information can be sent through application to the user
3.	Novelty / Uniqueness	Web application and SMS alert is used to notify the user about the leakage of gases which is a great advantage and uniqueness of this system
4.	Social Impact / Customer Satisfaction	This project can save the life of people residing near industry and can prevent the loss of industry
5.	Business Model (Revenue Model)	This system is of much use for industries that deal with harmful gases. So such industries take lots of precautions measures and this model will be one best solution for them. This shows that the model can earn good revenue.
6.	Scalability of the Solution	We can add an automatic shutoff device which will turn off the gas supply whenever leakage is detected. Apart from its usage in industries, people living in apartments can also avail this system.