Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID33446
Project Name	Project - Gas Leakage Monitoring and Alerting System using IOT
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Gas Leaks from equipment can become dangerous. Conducting routine leak detection inspections to a facility can help prevent unexpected incidents. By Installing gas leakage detection system to prevent these unexpected incidents.
2.	Idea / Solution description	The gas leakage detectors can be used for the detection of combustible, flammable and poisonous gaseous, and also to detect a gas leak or other pollutants. It makes the area where the leak occurs an warning sound and instructs operators to leave the area. The System proposed is planned, built and sent an

		SMS warning system for detection of gas leakage. Infrared imaging sensors have recently been used for a number of applications in industrial plants and refineries.
3.	Novelty / Uniqueness	It will detect gas leakage with help of Internet of Things technology and alert the customer using an alerting device.
4.	Social Impact / Customer Satisfaction	1. spending power, 2.Budget, 3.Network connection 4. available devices 5.Gadgets to monitor leakage
5.	Business Model (Revenue Model)	By using this model, we can detect gas leakage and it will alert the user when gas leakage occurs.
6.	Scalability of the Solution	As this model depends on Internet of Things, It will works on through the Internet and send sms to mobile if gas leakage happen in user residential area.