

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID39853
Project Name	Gas Leakage Monitoring & Alerting System for Industries
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)	In the previous existing project, the cost is high, There is a little bit of lag in performance. And also not that efficient in warning the people at a right time. Rather than a buzzer, there is no facility like sending messages to workers to warn.
2.	Idea / Solution description	The idea is to reduce the cost of the project and increase its performance efficiency to the best level. And the lag is solved.
3.	Novelty / Uniqueness	The uniqueness of our project is that we provide a wi-fi module to alert the workers in an industry in the organization about gas leakage via a message using a wifi module also easy installation.
4.	Social Impact / Customer Satisfaction	It is more safe than the previous ones and also affordable so any type of customer can buy. And the safety of our product is tested in a real-world environment so there is no problem or error in it.
5. A	Business Model (Revenue Model)	This model can be used by anyone. because it is low cost and budget for everyone.
6.	Scalability of the Solution	The Scalability of the solution Can Be Used for Pipeline Gas Leakage , Filling Gas Interface Leakage Detection