

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID13412
Project Name	Project – Gas Leakage Monitoring and Alerting System
Maximum Marks	2 Marks

Proposed Solution Template:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	A gas detector can sound an alarm to operates in the area where the leakage is occurring, giving them the opportunity to leave.
2.	Idea / Solution description	It not only detects the toxic gases but also identify changes in the air quality.
3.	Novelty / Uniqueness	The uniqueness of the project is, it gives alarm when any leakage occur.
4.	Social Impact / Customer Satisfaction	It really helpful to prevent the risk of high explosions.
5.	Business Model (Revenue Model)	The cost of the product is low and the overall size is small.
6.	Scalability of the Solution	It will continuously detect if there is any gas leakage in home or industries. It really helps people in a effective manner.