

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID50840
Project Name	Gas leakage monitoring and alerting system
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)	Most gasses used for industrial activities are highly inflammable and can burn even at some distance from the source of leakage.
2.	Idea / Solution description	The presence of hazardous LPG gas leakage in a domestic, work place, also, stored gases container gas which exhibits ideal characteristic is use.
3.	Novelt/ Uniqueness	According to regulations, all ships are required to carry calibration gases for portable gas detectors. These gases can often be difficult to obtain in ports on short notice
4.	Social Impact / Customer Satisfaction	Industry-Leading Brand gas sensor with technology innovation and lean manufacturing. Gas leakage monitoring with low power consumption & small size design.
5.	Business Model (Revenue Model)	The output of this research will be significant in averting problems associated with gas leakages now and in future
6.	Scalability of the Solution	It's the world's smallest and lightest ultrasound camera, and it's excellent. 112 MEMs digital microphones have high measurement sensitivity.