

Project Design Phase 1:

Proposed Solution:

Date	17 October 2022
Team ID	PNT2022TMID04616
Project Name	Gas leakage monitoring and alerting system
Maximum Marks	4 Marks

S.No	Parameter	Description
1.	Problem Statement	<ul style="list-style-type: none">➤ Emission of harmful gases due to leakages in industries.➤ It is hard for a human to detect gas leakage at early stage.➤ Due to which it may harm surrounding peoples and nearby areas.
2.	Idea/Solution description	<ul style="list-style-type: none">➤ The proposed system that uses the sensor which is capable of detecting hazardous gases like LPG and propane etc.,➤ It immediately send alerts via message or call.➤ It also sends the location of industry to Disaster Management Team.
3.	Novelty/Uniqueness	<ul style="list-style-type: none">➤ Ability to predict the hazardous gases like LPG and propane➤ User friendly➤ Live alert to the workers
4.	Social Impact / CustomerSatisfaction	<ul style="list-style-type: none">➤ Low cost➤ Compact size➤ Easy to use without fear
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">➤ As this product is user friendly, It is advertised in all social media platforms.➤ It is cost effective so it will be engaged in installation in industries.
6.	Scalability of the Solution	<ul style="list-style-type: none">➤ Includes many hazardous gas detection in industries.➤ The system can be extended in future based on industry requirements and features.