Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID30274
Project Name	Gas Leakage monitoring & Alerting system for Industries by IoT
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)	Workers are the pillar of the company, while working in gases areas it is very difficult to avoid leakage of gases, hence we need to ensure the safety of the workers
2.	Idea / Solution description	This problem can be overcome by using IoT. By implementing IoT, we are able to monitor the surroundings of the workers as well as their body condition.
3.	Novelty / Uniqueness	The uniqueness of our application is, by using our application we will get live updates of Gas leakage by the way of SMS, in and around the workers environment using IoT.
4.	Social Impact / Customer Satisfaction	It is best suited for the industries which relocated in gas leakage environments like sudden leakage of gas. The admin can able to track the data of the workers environment. When there is any deviation occur, admin alert the workers for evacuation.
5.	Business Model (Revenue Model)	We can introduce product-based approach to earn a good revenue. The greater number of features attract the end users to use our application.
6.	Scalability of the Solution	Our application can be used by the company which located in under the gas leakage area. We use IBM Watson cloud server to collect the live data the current data. we will ensure the safety of the workers.