Project Design Phase-I
Proposed Solution Template

Date	01 October 2022
Team ID	PNT2022TMID10980
Project Name	Project – Industry specific intelligent fire management 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)	The primary purpose of fire alarm system is to provide an early warning of fire so that people can be evacuated & immediate action can be taken to stop or eliminate of the fire effect as soon as possible.
2.	Idea / Solution description	Based on the temperature readings and if any Gases are present the exhaust fans are powered ON. If any flame is detected the sprinklers will be switched on automatically. Emergency alerts are notified to the authorities and Fire station.
3.	Novelty / Uniqueness	When the fire start spreading then the temperature rises and if any gases are present the exhaust fans are powered on. Then if any flame detected the sprinklers will be switched on automatically and send message to higher authorities and fire station.
4.	Social Impact / Customer Satisfaction	Customer experience can be recognized through client feedback through the customer those who utilize our kit and send their feedback.
5.	Business Model (Revenue Model)	The financial benefit by using this model we achieve the short span of time
6.	Scalability of the Solution	The solution is scalable and it will be provided By using python program, sprinkler, Buzzer, and temperature sensor.