

Project Design Phase-I
Proposed Solution Template

Date	18 October 2022
Team ID	PNT2022TMID02619
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)	Many accidents occur due to fire and gas leakage in industries which leads to loss of life and property.
2.	Idea / Solution description	We can provide solution by detecting Fire, Gas, Temperature and smoke with the help of IOT technology and sensors.
3.	Novelty / Uniqueness	An integrated system of temperature sensor, gas leakage sensor, flame sensor, buzzer, LCD display. The LCD display displays SAFE and ALERT messages. It provides fast and accurate messages.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• It is used to prevent accidents caused by fire and gas leakage.• Highly accurate.• Easy installation and maintenance.• Cost efficient.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">• Since it is easy to maintain and install so any industry can use our model.• Our model will help industries by preventing huge losses that occur due to fire accidents.
6.	Scalability of the Solution	Since our model is cost effective, any and every kind of industry can use our Industry Specific Intelligent Fire Management System