Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID18894
Project Name	**Industry-specific intelligent fire management system**
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To address this problem, this aims to implement a smart fire detection system that would not only detect the fire using integrated sensors but also alert property owners, emergency services, and local police stations to protect lives and valuable assets simultaneously.
2.	Idea / Solution description	The proposed model in this problem statement employs different integrated detectors, such as heat, smoke, and flame. The signals from those detectors go through the system algorithm to check the fire's potentiality and then broadcast the predicted result to various parties using GSM modem associated with the system. Finally, the main feature of the proposed system is to minimize false alarms, which, in turn, makes this system more reliable.
3.	Novelty / Uniqueness	To get real-life data without putting human lives in danger, an IoT technology has been implemented to provide the fire department with the necessary data.
4.	Social Impact / Customer Satisfaction	• Highly accurate. • It early prevents the accident cost by fire in industries. • No need for man power. • Human risk is low.
5.	Business Model (Revenue Model)	• High Secure. • 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 because of usage of multiple sensors any and every kind of industry can use our Industry Specific Intelligent

		Fire Management System and it produces least false alarms.