Project Design Phase-I
Proposed Solution Template

Team ID	PNT2022TMID32813
Project Name	Project - INDUSTRY-SPECIFIC INTELLIGENCE FIRE MANAGEMENT SYSTEM
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To improve the safety management system in industries. Improving the safety management system against the fire incidents in industries.
2.	Idea / Solution description	To implement the fire safety management in industry based on IOT using Arduino uno board with fire detection and fire extinguisher system, and using sensors like Temperature sensor, Flame sensor, smoke sensor with fast SMS alert.
3.	Novelty / Uniqueness	An integrated system of temperature monitoring, gas monitoring, fire detection and automatic sprinklers to obtain the accurate information about locations of fire and response through SMS notification and call.
4.	Social Impact / Customer Satisfaction	Early detection will help the industries occupants to evacuate before the fire takes over the buildings. Compatible and low cost management.
5.	Business Model (Revenue Model)	This product can be utilized by the industries and this can be thought of as a productive and helpful item as it rescues great many workers and machine in the industries from the fire accident.
6.	Scalability of the Solution	It is trying to execute this technique as we need to introduce an Arduino gadget which was modified with an Arduino that takes real-time signals from sensors .Easy operation and maintenance.Cost is reasonable value.