Project Design Phase-I
Proposed Solution
Template

Date	15 OCTOBER 202 2
Team ID	**PNT2022TMID16363**
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)	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 some sensors 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 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 reasonable cost.
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 industries great many current rescuing workers and machine 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.