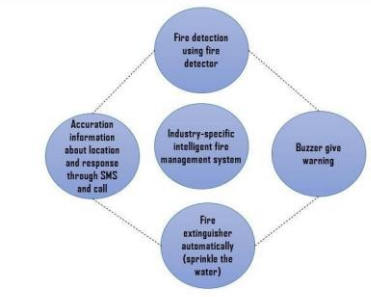
Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID40415
Project Name	Project-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 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 (Humidity sensor, Flame sensor, smoke sensor) with GPS tracking system.
3.	Novelty / Uniqueness	An integrated system of temperature monitoring, gas monitoring, fire detection automatically fire extinguisher with accusation of information about locations and response through SMS notification and call.
4.	Social Impact / Customer Satisfaction	• It early prevents the accident cost by fire in industries. • Nearby locations so maximum extend more accurate reliability. • Compatibility design integrated system.
5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	• This project can be used more efficiently with accurate information requiring. • Easy operability and maintenance. • Required low time for maintain • Cost is reasonable value.