

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID42571
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 Fire management and alert system in industries. Providing a safe environment for the workers.
2.	Idea / Solution description	To provide fire management and alert system in industry based on IOT with fire detection. And using some sensors (Gas sensor, Flame sensor, temperature sensor).
3.	Novelty / Uniqueness	An fire system Integrated with temperature sensor, gas sensor, flame sensor , exhaust fan ,water sprinkler and fire alert through SMS to the authority.
4.	Social Impact / Customer Satisfaction	It reduces the damages caused by fire accidents in industries. And also reduce the damage in the nearby locations and the environment , reduce the pollution.
5.	Business Model (Revenue Model)	This product can be used in industries .This system can be used as a safety system in industries, which reduce the damage and can be used avoid decease from the fire accident.
6.	Scalability of the Solution	This project trying to execute the method with an help of an IOT gadget which provide a safe environment for workers in industries. Easy to install and maintain .It can be used in multiple industry area.