

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

Date	17 September 2022
Team ID	PNT2022TMID13566
Project Name	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)	The fire accidents can't be full extinguished by humans, if there are no human nearby, it will destroy the whole things. Sometime it is very difficult task for humans to extinguish the fire. Thus, this system will help to alert and extinguish the fire accident occurred in the industries.
2.	Idea / Solution description	If the system detects the level of smoke and temperature in the air that exceeds the safety level it will activate the alarm which includes the buzzer to alert the users at industries of the abnormal condition and to take any necessary action.
3.	Novelty / Uniqueness	Reducing the cost of the smoke and temperature detector and increasing the accuracy percentage.
4.	Social Impact / Customer Satisfaction	These leaks cause safety threats and secondary accidents for those working in industry and the environment.
5.	Business Model (Revenue Model)	It has a huge revenue, when it comes to the market.
6.	Scalability of the Solution	A wide range of industrial fixed smoke and temperature detector featuring flexible integration, simple installation, user-friendly operation.