Project Design Phase-I
Proposed Solution Template

Date	22 September 2022
Team ID	PNT2022TMID24952
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)	False alarms are always an important consideration as they are expensive for fire departments majorly in terms wastes cost, time and efforts
2.	Idea / Solution description	By provided drift compensation—the ability to distinguish between subtle changes in the level of smoke detection that occur overtime due to contamination, like dust, and rapid changes resulting from a real fire.
3.	Novelty / Uniqueness	It can send maintain alerts and trouble signals to the control panel to make finding problematic devices and getting them repaired or replaced much faster
4.	Social Impact / Customer Satisfaction	High security in detection of fire and human risk is low.
5.	Business Model (Revenue Model)	1. Low installation cost 2. High secure
6.	Scalability of the Solution	High scalability because of usage of multiple sensors to identify smoke it produce least false alarms.