

ProjectDesignPhase-I
ProposedSolution
Template

Date	16 October 2022
Team ID	PNT2022TMID40213
Project Name	Industry Specific Intelligent Fire Management System
Maximum Marks	2Marks

ProposedSolutionTemplate:

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S.No.	Parameter	Description
1.	Problem Statement(Problem to be solved)	Fire risk assessment is the process in which probability of an undesired event and consequences of it are evaluated in a safety perspective .Fire safety systems are usually well designed and properly installed and regular maintenance is important.
2.	Idea/Solution description	To avoid the impact of fire.We as a team proposing a solution as fire management system. After installation of a system. The customer will be safe from fire, if fire exists. By the alarm ,sprinklers and the alert messages sent to the user by the fast sms or email.
3.	Novelty/Uniqueness	Effective fire detection system eliminates damage by ensuring that a fire can be prevented before it even starts .A fire detector may also have a direct connection to an alarm monitoring center. Fire alarm specialty equipment such as sampling systems , flame detectors and smoke detectors.
4.	Social Impact/ Customer Satisfaction	They help warn and keep customer safe and reduce the amount of destruction to a building.

5.	Business Model(Revenue Model)	The fire management business model underpins a risk management model. The model is used to calculate the probability of ignition and spread of fires across a landscape. This outcome allows for better understanding.
6.	ScalabilityoftheSolution	Fire detection systems increase response times, as they are able to alert the correct people in order to extinguish the fire.This reduces the amount of damage to the property.Fire detection systems can be connected to sprinklers that will automatically respond when a fire is detected.