

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

Date	
Team ID	PNT2022TMID09807
Project Name	Industry-Specific Intelligent Fire Management System
Maximum 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)	In recent years despite development of advanced fire detection technology in aircraft, spurious fire warnings are still a serious problem. Spurious fire warning can occur at any mode of flight. Whether the aircraft is on ground or in flight. If spurious fire warning comes in air it lead to an emergency landing of the aircraft. After the study it is acquainted that the fire detection system in aircraft Cargo compartment is more responsible for spurious fire warning. Proper identification of fire signature in the cargo compartment of the aircraft is a complex task to understand.
2.	Idea / Solution description	Otherwise known as addressable fire alarms, intelligent control systems are more sophisticated than conventional fire alarm systems and are able to provide an exact location of the event. These systems can range from simple using only one device to extremely complex housing several hundred devices.
3.	Novelty / Uniqueness	As nouns the difference between novelty and uniqueness is that novelty is the state of being new or novel; newness while uniqueness is the state or quality of being unique or one-of-a-kind.
4.	Social Impact / Customer Satisfaction	Customer satisfaction is important because it illustrates whether your customer base likes what you're doing. Research shows that high satisfaction leads to greater customer retention, higher lifetime value, and a stronger brand reputation. Low customer satisfaction scores are important, too.
5.	Business Model (Revenue Model)	Businesses are increasingly called upon to contribute to efforts to protect biodiversity and natural capital. Our article presents the results of an action research conducted with a major company in the environmental with innovative

		<p>services dedicated to revenue model is the strategy of managing a company's revenue streams and the resources required for each revenue stream. A business model is the structure comprised of all aspects of a company, including revenue model and revenue streams, and describes how they all work together ecosystem management.</p>
6.	Scalability of the Solution	<p>Scalability is an aspect or rather a functional quality of a system, software or solution. A system that can accommodate expansion without hampering the existing workflow and ensure an increase in the output or efficiency of the process, is a scalable system.</p>