

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

Date	19 September 2022
Team ID	PNT2022TMID19483
Project Name	Industry-specific intelligent fire management system
Maximum Marks	2 Marks

**Proposed Solution :**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Fire accidents has the ability to cause irreplaceable damage and loss to the industries around world. Sometimes it could cause lives. it is vital to consider a proper fire safety management and monitoring system.
2.	Idea / Solution description	<ul style="list-style-type: none"><li>• Our solution is achieved through robust monitoring of various parameters that used to control the fire attacks.</li><li>• Parameters include flame, temperature and smoke can be monitored using different sensors.</li><li>• Based on the Sensor values an alert message with location and phone call is initialized and notified to nearest rescue team and end user.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>• Our System offers an GPS tracking and automatic fire extinguisher and accuracy about the location and also an immediate notification.</li><li>• Our system provides a dedicated web page for tracking of various sensor parameters that can be used for controlling fire attacks.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>• Compatible system design.</li><li>• Our system is designed in a way that a layman is able to easily operate.</li></ul>

5.	Business Model (Revenue Model)	Our system provides futuristic context in a way that new Technologies in the market that aligns with our system can be easily adopted, which adds more profit from revenue point of view and also from user point of view it offers various benefits with viable cost.
6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>• Easily portable system.</li> <li>• Provides more efficient with minimal cost.</li> <li>• Offers low time for maintenance.</li> </ul>

DONE BY

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