

**Project Design Phase-I**  
**PROBLEM SOLUTION FIT**

Team ID	PNT2022TMID38457
Project Name	Project - Industry Specific Intelligent Fire Management System
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### **1. CUSTOMER SEGMENTS**

Persons owing the

- Large Buildings
- Malls
- Industries
- Factories
- Hospitals etc....

### **2. JOBS TO BE DONE/PROBLEMS**

- Industry-specific fire management system
- Reducing the incident of fire accidents
- Reducing the cause priorly through indication of message to the customer

### **3. TRIGGERS**

- Providing awareness to the public.
- Giving Precautions and warning.
- Improving the fire management system
- Educating the fire management system

### **4. EMOTIONS:**

**Before:**

- Difficult to prevent the fire incidents in advance
- Loss of resource s
- Larger reduction labor due to fire hazards

**After:**

- Early preventions
- Industries resource
- Reduction of manpower
- Fire causes

## **5. AVAILABLE SOLUTIONS**

- Fire detection and alarm system
- Smoke removal and ventilation system
- Extinguishing systems (gas, spark)

## **6. CUSTOMER CONSTRAINTS**

- Integrated fire management system
- Well monitoring system
- Reasonable cost
- Accurate result of accident

## **7. BEHAVIOUR**

- Proper installation and placement for system
- Regular maintains
- Repairing of equipment's is fault occurs
- Perfect keep up of records.

## **8. CHANNELS OF BEHAVIOUR**

### **Online:**

- To provide an indication about fire cause through the message (SMS) and sharing the location through the customer

### **Offline:**

- Protecting the accidental area by automatic fire extinguisher

## **9. PROBLEM ROOT CAUSE**

- Some electrical hazards
- Faulty equipment's
- Human error
- Other flammables or compostable materials
- Need- To reduce the risk of injuries and building damage the fire can cause.
- To protect people (workers) and resource

## **10. YOUR SOLUTION**

To improve the safety management system in industries. Improving the safety management system against the fire incidents in industries.