**Team ID: PNT2022TMID29501**

**Project Title: INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM**

**Project Design Phase-I – Solution Fit**

**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.