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

**Focus on J&P, tap into BE, understand RC**

**Project Title:** IoT Based Industry Specific Intelligent Fire Mangement System

**Team ID:** PNT2022TMID19304

**AS**

**5. AVAILABLE SOLUTIONS**

Fire Extinguisher

Fire Sprinkler

Some Alarm

**CC**

**6. CUSTOMER CONSTRAINTS**

False alarm

Detect developing fire prior

To belt ignition

Cost Effective for larger applications

Lack of Awareness

**CS**

**1. CUSTOMER SEGMENT(S)**

Industry having unique hazards and

Production industries

**Explore AS, differentiate**

**Define CS, fit into CC**

**BE**

**7. BEHAVIOUR**

Using fire extinguisher

Develop employee awareness

Good training program

Storing flammable elemnts properly

**RC**

**9. PROBLEM ROOT CAUSE**

Faulty wire,defecting products,

discarded cigarette,

non activated somke detectors,

Heat,fuel,oxygen

.

**J&P**

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

.Fire and smoke kill more people every year than many other forces. While controlled fire serves us in so many instances, uncontrolled fire can be of harm

the rapid detection of fire and its control can save lives and property damage worth millions

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Identify strong TR & EM**  **Identify strong TR & EM** | **3. TRIGGERS**  Propane tank ,  a defective product,  vehicle crash,  Poor workplace safety  **TR** | **10. YOUR SOLUTION**  high-quality and intelligent fire alarm systems that use multiple sensor values  (such as a signal from a flame detector, humidity, heat, and smoke sensors, etc.)  to detect true incidents of fire.  Speed detection alarm and specific address coding  High anti-iterference ability of the sysytem to prevent false alarm system. | 1. **CHANNELS of BEHAVIOUR CH**   **Identify strong TR & EM**   * 1. **ONLINE** * Knowledge about fire attacking systems,   Cause and effect of fire.     * 1. **OFFLINE** * Training program from fire menabout the working of offine products |  |
| **4. EMOTIONS: BEFORE / AFTER**  **BEFORE :** anxiety ,depression,hopelessness  **AFTER :** Safe, peace , Reliability |