**Project Design Phase-I** – **problem solution fit**

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

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

**Team ID:** PNT2022TMID12796

**Project Title:** Industry-Specific Intelligent Fire Management System

**Explore AS, differentiate**

**Deﬁne CS, ﬁt into CC**

**AS**

**5. AVAILABLE SOLUTIONS**

Immediate dialing of Fire service and fire extinguisher are the available solution when the face the problem in the past.

Devoid of access for fire detection Lack of performance leads to inconsistency of active and passive protection systems

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

According to our problem definition  
, machines in indus According to our problem definition **,** machines in  
industries and environments tries and environments

**Explore AS, differentiate**

**Define CS, fit into CC**

Proper maintenance of Industrial Infrastructure. Automation of Fire Control.

**BE**

**7. BEHAVIOUR**

**RC**

**9. PROBLEM ROOT CAUSE**

This fire alert system worked exactly like it was supposed to work. A fire alarm was activated and a guard was sent to check it out.

**J&P**

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

For detection of low concentrations of  
hazardous/flammable gases.  
In the event of a fire, we will notify you as soon as possible  
 **Accident.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Identify strong TR & EM** | **3. TRIGGERS TR**  We may ask you to share your experience with our products. We can claim that they need our products. | **10. YOUR SOLUTION SL**  An IOT based industry – specific, fire management system that focuses on early detection and management of false alarms and errors. Implementation of wireless technologies in transferring messages. | 1. **CHANNELS of BEHAVIOUR**   Call Emergency Number  Remove the Fire burn things |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  Before: Customer is not find a proper rid for the fire spread problem. After: Now with the help of our product the customer can easily enhance problem. |