Project Design Phase-I - Solution Fit

Project Title: Industry Specific Intelligent Fire Management System

Team ID:PNT2022TMID41386

PROBLEM SOLUTIONS

**1.CUSTOMER SEGMENT(S)**

The people who running a industry and unaware of fire accident

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

* Environment Pollution
* Workers will lost their life
* Damaging the machines and properties

**3.TRIGGERS**

Seeing people who are affected by fire accidents in Industry lost their family and their families have to survive without them.

**4. EMOTIONS: BEFORE / AFTER**

* Before the employees have the fear of fire accident in industries with lose their life within the industry its self.
* After fire management the employees et ride of their fear and work efficiently without any issues
* It reduces the fear and increase the number of workers.

**5. AVAILABLE SOLUTIONS**

Proper controllable with proper management reduces the risk of workers life.

**6. CUSTOMER CONSTRAINT**

Building fires can be a great threat to the safety of residents, and can lead to economic and social damage. Exploring the views of stakeholders is a great source for understanding the factors that affect fires.

**7.BEHAVIOR**

* Automatic opening and closing of sprinkler head , when smoke or fire detector.
* Detection of fire accident.

**8.CHANNELS OF BEHAVIOUR**

When the fire incident is detector it sends the information and location to the server and this server contrl the opening and closing of sprinkler head.

**9. PROBLEM ROOT ROOTCAUSE**

Rapid fire in industries results in rapid loss in workers life and it is not properly control it may after many workers life.

**10. YOUR SOLUTION**

Our System is used to control the fire and smoke.