

Project Design Phase-I - Solution Fit Template

Project Title: IoT Based Industry Specific Intelligent Fire Mangement System
Team ID: PNT2022TMID19304

Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S)<div>CS</div><div>Industry having unique hazards and Production industries</div></div>	<div>6. CUSTOMER CONSTRAINTS<div>CC</div><div>False alarm Detect developing fire prior To belt ignition Cost Effective for larger applications Lack of Awareness</div></div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div><div>Fire Extinguisher Fire Sprinkler Some Alarm</div></div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div><div>.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</div></div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div><div>Faulty wire,defecting products, discarded cigarette, non activated somke detectors, Heat,fuel,oxygen</div></div>	<div>7. BEHAVIOUR<div>BE</div><div>Using fire extinguisher Develop employee awareness Good training program Storing flammable elemnts properly</div></div>	
	Focus on J&P, tap into BE, understand RC			

3. TRIGGERS

Propane tank ,
a defective product,
vehicle crash,
Poor workplace safety

TR

4. EMOTIONS: BEFORE / AFTER

BEFORE : anxiety ,depression,hopelessness

AFTER : Safe, peace , Reliability

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-interference ability of the system to prevent false alarm system.

8. CHANNELS of BEHAVIOUR

CH

8.1 ONLINE

- Knowledge about fire attacking systems, Cause and effect of fire.

8.2 OFFLINE

- Training program from fire men about the working of offline products