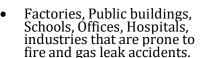
Solution Fit Template

Project Title: Industry-specific intelligent fire management system

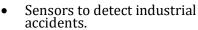
J&P

Team ID: PNT2022TMID17751

1. CUSTOMER SEGMENI'(S)



5. AVAILABLE SOLUPIONS



- Buzzers to alert workers.
- Proper installation, good maintenance should be changed.

8. CHANNELS OÏ BEHAVIOUR

ONLINE:

AS

 \mathbf{CC}

Software in which emergency alarm message come should be maintained properly.

OFFINE:

- Monitoring using sensors.
- Alerting with buzzers and LCD display.

Explore AS, differentia

2. JOBS-l'O-BE-DONE / PROBLEMS

- Send alert message to customers and nearby fire stations.
- Trigger water sprinklers during fire accidents.
- Trigger exhaust fans during gas leakage.

6. CUStomer

- Lack of money for frequent servicing the equipment.
- Lack of awareness.
- Requires Frequent maintenance.

9. PROBLEM Root and CAUSE

 Píesence of flammable substance in the industíy and caíelessness of the woíkeís involved leads to fiíe accidents.

Tocus on oar, rap

Focus on J&P, tap into BE, und

accidents.

7. BEHAVIOUR



after complete Installation.

flame sensors behavior once the system is installed.

Test temperature, gas, and

- User should do proper testing
- The system employs different integrated detectors, such as heat, smoke, and flame. The signals from those detectors go through the system algorithm to check the fire's potentiality.
- Finally, the main feature of the system is to minimize false alarms, which, in turn, makes this system more reliable.
- To get real-life data without putting human lives in danger, an IoT technology has been implemented to provide the fire department with the necessary data.

4: Emotions:Before/after

Identity strong TR



1°R

BEFORE:

leads to may losses in terms of financial.

AFTER:

Relieved due to immediate response to industrial accidents.

Identity strong TR & EM

 \mathbf{SL}