PROBLEM SOLUTION FIT

Gas Leakage Monitoring and Alerting System

PNT2022TMID16954

1. CUSTOMER SEGMENT(S) — CS

Who is your customer?

- Home appliances
- Customers

. 5. AVAILABLE SOLUTIONS — AS

Which solutions are available to the customers when theyface the problem need to get the job done? What have they tried in the past? What pros & cons do these solutionshave?

The leakage is detected and stopped within seconds, after leakage starts. The leakage is detected and controlled by means exhaust fan. and it may or may not affordable.

6. CUSTOMER CONSTRAINTS — CC

What constraints prevent your customers from taking action or limit their choices of solutions?

The test methods are taken and given quantity of sensorsthis IOT based system was successfully in sensing gas leakage

Explore AS, differentiate

Focus on J&P, tap into

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Which jobs-to-be-done (or problems) do you address for your customers?

Among its many duties, the Gas leakage monitoring and alerting system the data which is received through sensors are not stable ormore than threshold it will predict that there is leakage situation.

9. PROBLEM ROOT CAUSE — RC

What is the real reason that this problem exists? What is the back story behind the need to do this job?

Leaks of LPG gas into the atmosphere are especially harmful due to their global warming potential. Leaks of gases associated with the industrial operations and equipment are also generally known as fugitive emissions.

7. BEHAVIOUR — BE

What does your customer do to address the problem and get the job done?

As a teacher, the IOT cloud updates the leakage on the condition of the gas on a regular basis.

Focus on J&P, tap int

Identify strong TR & EM

3. TRIGGERS — TR

What triggers customers to act? Seeing their neighbour installing

The features that added in Gas leakage and monitoring that isthe sensor detect the leakage of the gas and the volume of gas present in the cylinder.

4. EMOTIONS: BEFORE / AFTER — EM

How do customers feel when they face a problem or at theand afterwards?

Clients will feel better after selecting the gas leakage and monitoring system and they will follow the techniques used.

10. YOUR SOLUTION — SL

This system is that the leakage is detected and stopped within seconds after the leakage starts. This system can detect even0.001% of leakage, the leakage is detected and controlledby using semiconductor sensors and IOT.

8. CHANNELS of BEHAVIOUR — CH

3.1 ONLINE

What kind of actions do customers take online?

The departments can receive direct emails or messages from customers.