Project Title: Gas Leakage Monitoring & Alerting System For Industries

Project Design Phase-I - **Solution Fit Template**   **Team ID:** PNT2022TMID17277

Define CS, fit into CC

1. CUSTOMER SEGMENT(S)   CS

Who is your customer?
i.e. working parents of 0-5 y.o. kids

Industry persons,from 25 to 70 years.

6. CUSTOMER CONSTRAINTS   CC

What constraints prevent your customers from taking action or limit their choices
of solutions? i.e. spending power, budget, no cash, network connection, available devices.

Network connection and cost.

5. AVAILABLE SOLUTIONS   AS

Which solutions are available to the customers when they face the problem

or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

In previous devices it only senses the gas whether it is leaking or not ,but in our model it also replaces the

Explore AS, differentiate

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

2. JOBS-TO-BE-DONE / PROBLEMS   J&P

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

Quick prediction of gas leakage,deep sensing,replacing of gas.

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? i.e. customers have to do it because of the change in regulations.

All industry should have this especially the industry which uses oil and gas ,as our device gives safety.

7. BEHAVIOUR   BE

What does your customer do to address the problem and get the job done?
i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

Directly contact the supplier.

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

Identify strong TR & EM

3. TRIGGERS   TR

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

By seeing other industries their development and safety.

10. YOUR SOLUTION   SL

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

In the previous model it only senses the gas ,but in our model it replaces the fas which is needed.

8.CHANNELS of BEHAVIOUR   CH

8.1 ONLINE
What kind of actions do customers take online? Extract online channels from #7

8.2 OFFLINE
What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

Identify strong TR & EM

4. EMOTIONS: BEFORE / AFTER

EM

How do customers feel when they face a problem or a job and afterwards?
i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Insecure ,no safety .