

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

Who is your customer?

According to our problem statement maintaining the ecosystem health and livelihood of the population.

6. CUSTOMER CONSTRAINTS CC

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

- Analysis is little bit high
- compact in size.

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?

- Improving the balance between exposure and toxicity assessment of real-world pollution mixture.

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?

- To identify the presents of algal bloom in the tank or water bodies.
- The quality, quantity and temperature of the water can be maintained.

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?

- Lack of system administration and upkeep is the problem.
- it uses a lot of electricity.

7. BEHAVIOUR BE

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

- These are portable and are easily maintainable.
- It uses less data and power. Additionally, it might serve as a reference for the best safety steps to take.

Focus on J&P, tap into

Identify strong TR & EM

3. TRIGGERS TR

What triggers customers to act? i.e. seeing their neighbour installing

- They are able to recognise the issue with the water without anyone's assistance.
- It uses little energy and is small in size. Customers will find it easy to use.

4. EMOTIONS: BEFORE / AFTER EM

How do customers feel when they face a problem or a job and afterwards?

BEFORE: Anxiety, time consumption and unaware of things

AFTER: aware of things, less time consumption and pleasure.

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.

- The system finds a way for supervising and monitoring the real time river water so that quality & flow can be maintained.
- The device will be in compact size and user friendly to use.

8. CHANNELS of BEHAVIOUR CH

8.1 ONLINE

What kind of actions do customers take online?

- The cloud storage can be used to regulate water flow.

8.2 OFFLINE

What kind of actions do customers take offline?

- The proposed system includes a number of sensors to test and guarantee the water's quality based on factors including pH, temperature, conductivity, turbidity, and arduino.

Extract online & offline CH of BE