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| Define CS, fit into CC | <div><div>1. CUSTOMER SEGMENT(S)<div>CS</div></div><div>Who is your customer? i.e. working parents of 0-5 y.o. kids</div><div>Our targeted Customers are those who rely on river waters for their day-day activities.</div></div> | <div><div>6. CUSTOMER CONSTRAINTS<div>CC</div></div><div>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.</div><div>No proper knowledge on implementing IoT device for monitoring river quality parameters.Sensors are costly and maintenance is time consuming.</div></div> | <div><div>5. AVAILABLE SOLUTIONS<div>AS</div></div><div>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</div><div>Customers rely on manual testing for measuring the quality of water which is time consuming and the results produced are inaccurate.</div></div> | Explore AS, differentiate |
| | <div><div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div></div><div>Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.</div><div>Identify existing problems. Ensure water is suitable for the intended use,especially if used for drinking by humans and animals.Track changes over time. Determine the effectiveness of a treatment system</div></div> | <div><div>9. PROBLEM ROOT CAUSE<div>RC</div></div><div>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.</div><div>Industrial Waste:Industries and industrial sites across the world are a major contributor to water pollution. Marine Dumping Sewage and Wastewater Oil Leaks and Spills.</div></div> | <div><div>7. BEHAVIOUR<div>BE</div></div><div>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)</div><div>They try to spread awareness about river pollutions and rely on private sectors for maintaining water quality</div></div> | |
| <div><div>3. TRIGGERS<div>TR</div></div><div>What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.</div><div>Triggers:Advertisements about a new product to monitor river water quality,Cost effective device which could ease customer's job of monitoring river water health.</div></div> <div><div>4. EMOTIONS: BEFORE / AFTER<div>EM</div></div><div>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.</div><div>Absent, inadequate,or inappropriately managed water and sanitation services expose individuals to preventable health risks.So they fear about consuming dirty river water and try to avoid it as much as possible. After:Customer get a sense of assurance that the river water they consume is clean and not contaminated</div></div> | <div><div>10. YOUR SOLUTION<div>SL</div></div><div>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.</div><div>A cost efficient IOT device is proposed which takes parameters like salinity,alkanity,acidity,TDS,pH and notifies the concerned authority to take action when there is a deviation from the normal range of values</div></div> | <div><div>8.CHANNELS of BEHAVIOUR<div>CH</div></div><div>8.1 ONLINE What kind of actions do customers take online? Extract online channels from #7</div><div>8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</div><div>Online:Social networks can be created to keep track of the quality of water. Awareness about proper water quality management could be spread via these networks.</div><div>Offline: Authorities also need to simultaneously provide adequate infrastructure for waste disposal and put in place a robust mechanism for punitive measures against defaulters.</div></div> | Identify strong TR & EM | |