**Project Title:real time rever water quality monitoring and control system Project Design Phase-I** - **Solution Fit Team ID:** PNT2022TMID41928

or need to get the job done? What have they tried in the past? What pros & cons do these solutions have?

Eventhough the individual notification to each people cloud not send, the system will still notify the corporation and the can further notify the people.

**AS**

**5. AVAILABLE SOLUTIONS**

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

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

of solutions?

Only one system is used for specific area and so people may find it hard torecover if any fault aoccurs, as we need sensor to detect temperature and PH.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

1. **CUSTOMER SEGMENT(S)**

people living in rural areas

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**Explore AS, differentiate**

**Define CS, fit into CC**

The customer cloud use the user guide provided to overcome the problem are else they can report and contact the corporation.They will takecare of the problem.

**BE**

**7. BEHAVIOUR**

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

**RC**

**9. PROBLEM ROOT CAUSE**

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

As we know sensors are bit costly and our system needs more then one sensors to work.The sensors are used periodically to check the quality of the water and might need to be replaced frequently.

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

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

The river water quality monitoring system check the temperature and PH of the water periodically and notify the public when the quality of the water varies.

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

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

**Identify strong TR & EM**

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| --- | --- | --- | --- | --- |
| **Identify strong TR & EM** | **3. TRIGGERS TR**  **What triggers customers to act?**  If certain area people start using this **quality monitoring system and so they are staying healthy without** any waterbone disease,it will trigger the other area people start using it. | **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.  Our solution is to check the quality of te river water periodically using two sensors.The parameters like temperature and pH of the river water is monitored and alerts when any changes in the parameter occurs. | 1. **CHANNELS of BEHAVIOUR CH**     1. **ONLINE**   What kind of actions do customers take online?  If it id in online mode, they can use the helpline number to contact the authority.   * 1. **OFFLINE**   What kind of actions do customers take ofﬂine?  If it is in offline mode,the customers can directly reach the corporation office and report the problem. |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  How do customers feel when they face a problem or a job and afterwards?    The customers might feel hard first, we will guide them then with a user guide and they will find it easy to use |