Define CS, fit into CC

1. CUSTOMER SEGMENT(S) `CS`

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

- Government officials of water management system
- Common People
- Water Suppliers
- Common welfare teams

6. CUSTOMER CONSTRAINTS `CC`

River water quality analysis replaces the need for using laboratory checking and reduces the time of delay required for result.

The give instant solutions and suggestions like what it is and what can be done to change.

5. AVAILABLE SOLUTIONS `AS`

- The temperature of water can be monitored.
- The PH level of water is identified.
- Amount of oxygen dissolved in water

Explore AS, differentiate

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

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

- Check the water quality.
- Check the level of chlorine in water.
- Check temperature of water.
- Check the pH level of water.
- Find if the water is suitable for drinking, agriculture and aquaculture
- AI-based IoT applications to boost and save time for results and suggestions to the problems

9. PROBLEM ROOT CAUSE `RC`

The reason for the arrival of this project is to maintain and monitor the water used for multiple purpose especially for drinking purpose. On delay of noticing the problem more people get affected by it.

7. BEHAVIOUR `BE`

Directly related: Find better network availability, calculate the quality and quantity of water.
Indirectly related: customers spend free time on making awareness of the system to others

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

3. TRIGGERS `TR`

River water quality analysis work by checking the river water quality for providing clean drinking water for the people, farming, promoting aquaculture, and other industries. It is the best replacement for checking water quality in laboratories. The best quality is that it is user-friendly.

4. EMOTIONS: BEFORE / AFTER `EM`

BEFORE: • Before implementing this project people feel it was difficult to enjoy boating, fishing, and provision safe drinking. • They also face major problems in the development of industrial, hydroelectric, and agricultural water requirements.

 AFTER: • After implementing this project people can be able to face all these above-mentioned problems easily

10. YOUR SOLUTION `SL`

If you are working on an existing business, write down your current solution first,

This technology can automatically monitor the water quality. The water detection sensor has a unique advantage. It consumes less time than a manual method for checking polluted levels. Information is sent at in faster rate to authorities and action can be taken immediately….affected rate of pollution is reduced

8. CHANNELS of BEHAVIOUR `CH`

ONLINE:
• public may provide review and rating for the system.
• The software used should be properly studied by everyone to operate it.
• The software and hardware connections should be given properly