Project title: REAL - TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

Project design phase – I: Solution Fit Template   **Team ID : PNT2022TMID48312**

1.CUSTOMER SEGMENT (S):	6. CUSTOMER CONSTRAINTS:	5. AVAILABLE SOLUTOINS
People and Industrial companies are our customers. We take this ideas to customers.	The customer constraints are network connection, No cash and available devices to built the system	The solution of water quality monitoring and quality systems using robot to detect the problem and using sensors to identify the problem to the user by SMS.

2.JOBS – TO – BE DONE / PROBLEM:	9. PROBLEM ROOT CAUSE:	7. BEHAVIOUR
Timing and Internet issues are the major problem in the system. Because me detect the water quality problems late.	Timing and Internet connection is the real reason that problem exists.	Our customer address the problem, Sometimes they drink and use unsanitary water. This leads to health Problems.

3. TRIGGERS:	10. YOUR SOLUTION:	8. CHANNELS OF BEHAVIOUR:
Water problem triggers the customers to act in various ways.	Using different types of sensors like PH sensor, turbidity sensor, temperature sensor to monitoring the water and display the conditions in	**8.1 ONLINE:** They can't interact with the physical components. They complaint the problem through online easily.

4. EMOTIONS: BEFORE/AFTER: The emotions are frustrated, anger, fear and neglected	LCD sensor	8.2 OFFLINE: They take the decision immediately in offline and solved it quickly.