**Real Time Water Quality Management and Control System Project Design Phase-I - Solution Fit Template Team ID- PNT2022TMID31860**

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| **Define CS, fit into CC** |  | | | **Explore AS, differentiate** |
| **1. CUSTOMER SEGMENT(S) CS**  Common people are our customers because, nowadays every common people need to know the quality of the water they drink and basically we are targeting the people who’s age is above 18 years because they clearly know about the technologies we applied. | **6. CUSTOMER CONSTRAINTS CC**  Network availability and available device are the biggest issue face by the customers and need to spend a time to get daily update, it may high budget for some people. | **5. AVAILABLE SOLUTIONS AS**  In conventional method the quality are monitored by using manual method it may causes some error, but this is an automatic process. Moreover it reduce the man power, so this may causes searching of alternate job to the workers. |

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| **9. PROBLEM ROOT CAUSE RC** | **7. BEHAVIOUR BE** |
| The reason for the arrival of this project is to maintain and monitor the water used for multiple purpose especially for drinking purpose. We took this project to make a biggest change in society and break the myth of utilization of technologies. | 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. |

**10. YOUR SOLUTION SL**

People felt insecure and unknowledge about the quality, now they have more confident about their drinking water.

**EM**

**4.EMOTIONS: BEFORE / AFTER**

By installing this project we can trigger people by seeing their neighbour make the utilization of technology more useful and reading about a more efficient solution in the news.

**TR**

**3. TRIGGERS**

**2. JOBS-TO-BE-DONE / PROBLEM J&P**

In society people had to know the Quality of water, in conventional method it is impossible to inform people and this leads to many problems like disease. Here we apply new technologies and trends to aware people. This project helps more graduate to work with it.

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

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We provide a good source to the public and we work based on public review.

**Identify strong TR & EM**

**8. CHANNELS OF BEHAVIOUR CH**

ONLINE:

public may provide review and rating for the system.

**Identify strong TR & EM**

OFFLINE:

Public provide funds to develop the system and make the system to take a next move.