**Real Time Water Quality Management and Control System Project Design Phase-I** - **Solution Fit Template Team ID:** PNT2022TMID49191

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| **Define CS, fit into CC** | **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 whose 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. The resources in terms of financial as well as manpower are inadequate. | | * **AVAILABLE SOLUTIONS** * The temperature of water can be monitored. * The PH level of water is identified. * Amount of oxygen dissolved in water. | | **Explore AS, differentiate** |
| **F** | | | | | | |
| **ocus on J&P, tap into BE, understand RC** | **2. JOBS-TO-BE-DONE / PROBLEM J&P** | **9. PROBLEM ROOT CAUSE RC** | | **7. BEHAVIOUR BE** | | **Focus on J&P, tap into BE,** |
| 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. | The reason for the arrival of this project is to keep and monitor the water used for multiple purpose especially for drinking purpose. We took this project to make the biggest change in society and breakthe 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. | |
| **Identify strong TR & EM** | * **TRIGGERS TR** * By installing this project, we cantrigger people by seeing their neighbor make the utilization of technology more useful and reading about a more efficient solution in the news. * In case of without using mobile app, one should always be there to maintain the parameters and the maintenance cost should be paid. | * **YOUR SOLUTION** * We provide a good source to thepublic and we work based on publicreview. * The PH level of water is identified. * Turbidity of water is identified. * Conductivity of water is identified. | **SL** | * **CHANNELS OF BEHAVIOUR**   ONLINE:   * public may provide review andrating for the system. * The software used should be properly studied by everyone to operate it. * The software and hardware connections should be given properly. | **CH** | **Find strong TR & EM** |