

Project Design Phase-I Solution Fit

| | |
|--------------|--|
| Date | 10 October 2022 |
| Team ID | PNT2022TMID32972 |
| Project Name | Project -Real-Time River Water Quality Monitoring and Control System |

Solution Fit

| | | | | |
|-------------------------|---|---|---|-----------------------------------|
| Define CS, fit into CL | 1. CUSTOMER SEGMENT(S) CS <p>Common people and industrialist are our customers because, nowadays every common people need to know the quality of the water they drink</p> | 6. CUSTOMER LIMITATIONS CL <p>An exhaustive systematic search was performed on all the indexing databases. The papers were classified based on methodologies. A taxonomy was derived by performing a deep scan on the classified papers. The contributions listed in this survey are exhaustive and lists all the state-of-the-art development in this area.</p> | 5. AVAILABLE SOLUTIONS AS <p>Accurate measuring of water quality using various sensors, make it available in all remote places</p> | Explore AS, differentiate |
| | 2. PROBLEMS / PAINS PR <p>This article is the first of a series of three related to the challenges that we faced to detect phishing attacks at scale with constraints on accuracy and performance. In this article, we will describe how—starting mainly from the email stream—we identify suspicious links and then fetch the content from the associated webpages. In the next article, we will describe how suspicious webpages are analyzed and assessed in real-time, with a focus on Supervised Learning techniques.</p> | 9. PROBLEM ROOT / CAUSE RC <p>The water may be contaminated by means of nutrient pollution (Industry), Eutrophication, Algal blooms and so on.</p> | 7. BEHAVIOR BE <p>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</p> | |
| | 3. TRIGGERS TO ACT TR <p>I have found the following four psychological triggers that ecommerce platforms should adopt to increase customer urgency and drive sales: Utilize the personal touch, Encourage loyalty, Incentivize customers.</p> | 10. YOUR SOLUTION SL <ul style="list-style-type: none"> We provide a good source to the public and we work based on public review. The PH level of water is identified. Turbidity of water is identified. Conductivity of water is identified and also monitor the presence of chemical substances in water Monthly report of maintaining the water will be displayed. | 8. CHANNELS of BEHAVIOR CH <p>ONLINE</p> <ul style="list-style-type: none"> People and industrialist may provide review and rating for the system. The software used should be properly studied by everyone to operate it. <p>OFFLINE</p> <ul style="list-style-type: none"> Public and industrialist supply funds to develop the system and make the system to take a next move. The hardware setup should be installed properly. | Extract online & offline CH of BE |
| Identify strong TR & EM | 4. EMOTIONS EM <p>The output is predicted accurately regarding the contamination of water, so as to avoid consumption of contaminated water by the people</p> | | | |