

Project Design Phase - I - Solution Fit

Date	18-10-2022
Team ID	PNT2022TMID34532
Project name	Real-Time River Water Quality Monitoring and Control System
Marks	

Block A	1. Customer segment(s) Who is customer? The water which is more hygienic to use which are bought by the persons.	6.Customer Constraints The purity of the water can be the main question of the customer. The analyzed water quality should as much as perfect so that the customer can be satisfied.	5. Available Solution The actual solution of this system is to find the perfect quality of the water by determining the temperature, humidity, pH value and waste water content in the water.
	*The main goal of Our Project is the customer Satisfaction.		

Block B	2.Jobs to be done /Problems The job to be done is to find and determine the quality of the water.	9.Problem Root Cause The root cause is what which, if any dust particles such as algae mixes with river, water gets polluted badly.	7. Behaviour The behaviour symbolises that the water scarcity occurs due to more water pollution. Pure Water Contamination.
	*The Quality of the Water will be determined as Perfect as Possible		

Block C	3. Triggers While consuming the impure water causing various diseases, this can be stopped by controlling pollutants.	10. Our Solution We provide a solution to overcome disaster is to stop water pollution and make environment clean. So that there will be no need of checking quality of water.	8.Channels of Behaviour 1.ONLINE In online we can access the outcomes of the quality measured 2.OFFLINE The status of the system can be verified in offline mode. The stability can be checked.
	4. Emotions: Before / After The customer satisfaction can be fulfilled in accordance to the outcome.		