

Ideation Phase

Define the Problem Statements

Date	24 October 2022
Team ID	PNT2022TMID09930
Project Name	Project - IOT based Real-Time River Water Quality Monitoring and Control System.
Maximum Marks	2 Marks



I am (Customer)	An authorised person who is supposed to ensure the safety of common people.	Common people living on Earth who consume water in their day-to-day life for different purpose. So, it is necessary for authorizations to confirm that the water is safe.
I'm trying to	Monitor the quality of water.	Wants to monitor the water consumed every day and check whether the water is contaminated or pure, its pH, temperature and salinity.
But	The existing model is not accurate.	Accuracy is very important because the quality of water is a very sensitive content that can damage the lives of people and nature.
Because	The existing model is high cost, high power consumption and also it is not automated.	It is difficult to be alert about the lack of quality of water at every single time.
Which makes me feel	Concerned about the safety of people.	If the authorized people are not aware of the lack of water quality then they won't be able to give alerts to people consuming that water, which will lead to a serious problem.