

Ideation Phase

Define the Problem Statement

Date	18 October 2022
Team ID	PNT2022TMID22571
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	2 Marks

PROBLEM STATEMENT



I am	Common people	Common people living on Earth who consume water in their day-to-day life for different purpose
I'm trying to	Monitor the quality of the water	Wants to monitor the water consumed everyday whether the water is contaminated or pure, pH, temperature, salinity in it, and flow rate of river
but	Do not know to monitor the quality of water	Time consuming process for manual testing and don't have much knowledge about it

because	Lack of required knowledge	Common people lack knowledge of this type of testing, sensors etc. and they think it is unnecessary because they don't the importance of it
Which makes me feel	Insecure and fearful of the consumed water	Decline of pure water, increasing viral diseases, and it leads to polluting the water and dreads severe damages