

# Ideation Phase

## Define the Problem

### Statements

Date	19 September 2022
Team ID	PNT2022TMID33407
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	2 Marks

### Problem Statement:

Mr. XYZ tells that Water is a limited asset that is essential for farming, industry and the endurance of every single living thing in the world, including people. Many individuals know nothing about the need of drinking sufficient measures of water consistently. Numerous unregulated strategies squander more water. Unfortunate water portion, wasteful utilization, absence of able and incorporated water the executives are factors that add to this issue. Consequently, effective use and water observing are possible limitation for home or office water the executives systems.

<b>I am</b>	Mr. XYZ, who needs to monitor the River water Quality.
<b>I'm trying to</b>	Reduce the water pollution by using different sensors to avoid health issues and maintain ecological balance.

<b>But,</b>		I could not control and monitor the quality of water daily.		
<b>Because</b>		I am trying to have a report on all financial actions on a daily, weekly, monthly, and annual basis.		
<b>Which makes me feel</b>		Relaxed and helps me to access all information at any time and from any location and saved in offline mode.		
<b>I am</b>  Mr. XYZ, who needs to monitor the River water Quality.	<b>I'm Trying to</b>  Reduce the water pollution by using different sensors to avoid health issues and maintain ecological balance.	<b>But</b>  I could not Control and Monitor the quality of water daily.	<b>Because</b>  I am trying to have a report on all actions on a daily, weekly, monthly, and annual basis.	<b>Which Makes Me Feel</b>  Relaxed and helps me to access all information at any time and from any location and saved in offline mode.

<b>Problem Statement (PS)</b>	<b>I am</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	Busy Employee	Keep track of water quality.	It is uncomfortable for me to make calculations manually.	I don't feel that I am good at doing calculations.	Doubtful and insecure.
PS-2	Busy Employee	Have an update on the pH level of river water.	It is not possible by paper and pen calculation.	I don't have enough time to calculate it and I may miss some calculations.	To me and around me have difficulty in water quality monitoring.