

Ideation Phase
Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID06437
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	2 Marks

Problem Statement

I am	I'm trying to	But	Because	Which makes me feel
A Village Council	To achieve a pure river water for safe usage.	it is difficult to proceed.	Manual practices are time consuming and there isn't enough facilitating technologies	Frustrated and Answerable for people

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I'm an villager who suffers from impure water issues.	I'm trying to take an initiative of consuming pure river water that prevent major and minor health issues in people.	But I can't achieve due to that I can't find proper method than manual practices or can't find an apt product.	Because of poisonous state of water we are unable to use it efficiently because it creates major and minor health issues to villagers.	It makes me frustrated and makes me answerable for the health and Risk factors that the villagers take.
PS-2	I'm an Farmer who suffers from decaying and low yield from the crops due to impure water	I'm developing food and Forage Crops in a good quality and nutritious.	But often get disappointed due to chemical imbalance and other issues in the water Supply from river.	I am an one who thinks to provide organic crops without using artificial fertilizers but the chemical imbalance of river water affects the crops and several times leads to decaying.	It makes me to feel the clueless about my Farming techniques and survival.