

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID20019
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

Example:



Reference: <https://miro.com/app/board/uXjVPMn9hSY=/>

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I'm a Fisherman	I'm trying to catch and sell fishes in the river water	But, in the river, the fishes were very less in number. Also some of the fishes were dead in the river	Because, the water in the river is Contaminated /Polluted due to the discharge of solid and liquid wastes and even chemicals	Which makes me feel very sad and to maintain the quality of water in the river automatically and in real-time
PS-2	I'm a Farmer	I'm trying to water my lands from the river water and also I use only river water for all my daily needs(Drinking , Bathing, etc..,)	But, the water in the river is not pure and clean. Which causes illness to my family and even to my crops	Because, most of the families near the river contaminates the river water by washing their clothes, vessels, etc.., And even they are bathing in the river	Which makes me feel very frustrated as it damage my crops and even causes illness to my family