

Ideation Phase

Define the Problem Statements

Date	17 September 2022
Team ID	PNT2022TMID48692
Project Name	Project - Real Time River Water Quality Monitoring System
Maximum Marks	2 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.

I am	<small>Describe customer with 3-4 key characteristics - who are they?</small>	Describe the customer and their attributes here
I'm trying to	<small>List their outcome or "job" the care about - what are they trying to achieve?</small>	List the thing they are trying to achieve here
but	<small>Describe what problems or barriers stand in the way - what bothers them most?</small>	Describe the problems or barriers that get in the way here
because	<small>Enter the "root cause" of why the problem or barrier exists - what needs to be solved?</small>	Describe the reason the problems or barriers exist
which makes me feel	<small>Describe the emotions from the customer's point of view - how does it impact them emotionally?</small>	Describe the emotions the result from experiencing the problems or barriers

<small>I am</small>	<small>I'm trying to</small>	<small>But</small>	<small>Because</small>	<small>Which makes me feel</small>
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
				<small>muro</small>

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I am farmer.	I'm developing food and Forage crops.	But often get disappointed due to chemical imbalance in the water Supply from river.	Since use of fertilizers Itself produce necessary growth in crops the untreated river water Creates decay of crops which goes to waste.	It makes me to feel the clueless about my Farming technique s and survival.
PS-2	I am 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.