

Define the Problem Statements

Date	08.10.2022
Team ID	PNT2022TMID50089
Project Name	Real time water quality monitoring and control systems
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.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	All humans(in india mainly Is big cities the municipality corporation use lots of chemical to purify the river water then supply that to the people.	To check the quality of water using sensors and to direct the path automatically to water purifying system and shutdown all the devices in industry except the osmosis plant.	Catchment: 1)special areas 2)land management 3)sewage improvemen 4)education Reservolrs: 1)in-lake treatment 2)source selection Delivery: 1)pre-treatm ent	Water quality monitoring systems using robot.	By implementing this,letting out the impure water from the industries into the rivers,lacks or other water resources can be prevented.
PS-2	Non-person al labels that can be used to group behavioral	Proper mindset and balance. Commitment to improved	Treatment : 1)flocculation and filtration 2)disinfection Tap :	Purification of water by botential plants and solar energy based	The impure water from the industry can be purified and that water can be uses for futher purpose.

	data into persona groups or categories.	physical health. Career passion and personal satisfaction. Financial stability.	1)Australian drinking water guidelines	purification systems.	
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