

Define the Problem Statements

Real-Time River Water Quality Monitoring and Control System

Customer Problem Statement Template:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	As a farmerI use the water from the river for irrigation.	I am trying to make sure that the wateris free from contamination and does not affect my crops.	But I am unable to filter the contaminated water due to lack of knowledge and resources.	It is because of the over contamination in the river and due to the difficulty of figuring out the ideal solution to filter the water.	Worried and frustrated asit damages my crops.
PS-2	I'm a Fisherman	I fish in the river and sell the fishes I catch for a living. I couldn't find any fishes in the river mostof them are dead and the breeding has drastically reduced.	But each time I require information about river water quality for analysis. Lack of knowledge on the	Because, I can't do my task on time since evaluating the river water qualitytakes additional time.	To fish, I require an automated river water management and control system.