Ideation Phase Define the
problem statements

Date	19 September 2022
Team ID	PNT2022TMID23851
Project Name	Efficient Water Quality Analysis and Prediction using Machine Learning
Maximum Marks	2 Marks

Customer Problem Statement:

Access to safe drinking-water is essential to health, a basic human right and a component of effective policy for health protection. This is important as a health and development issue at a national, regional and local level. In some regions, it has been shown that investments in water supply and sanitation can yield a net economic benefit, since the reduction in adverse health effects and health care costs outweigh the costs of undertaking the interventions. Prepare the ML model to predict the water quality.
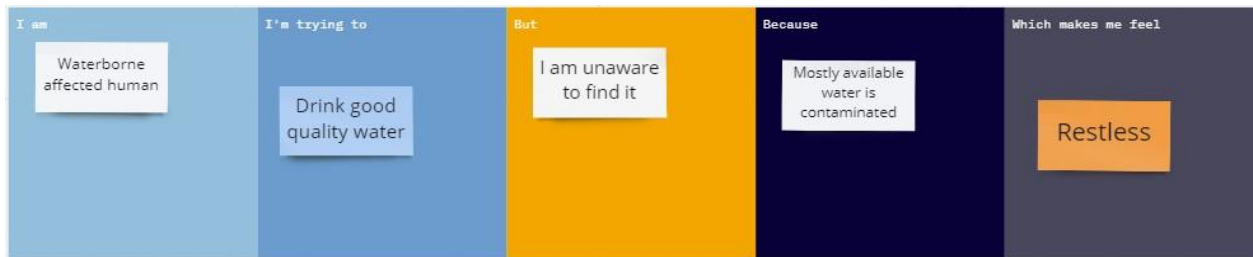
Problem Statement	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Water borne affected human	Drink good quality water	I am unaware to find it	Mostly available water is contaminated	Restless
PS-2	Lab Technician	Provide good quality water to human beings after analysing.	I am unaware of water quality index model	Many models don't provide a best metric to measure the quality	Flurried