Project Design Phase-I

Proposed Solution

Date	19 September 2022
Team ID	**PNT2022TMID08065**
Project Name	Efficient water quality analysis & Prediction using Machine Learning

Proposed Solution Details:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Deceting the water quality and predict what the quality of water is, before it affects the environment.
2.	Idea / Solution description	We implement pre-processing steps to eliminate the unwanted data in csv file. And also classify the data which is trained and tested to the accurate values to be counted.
3.	Novelty / Uniqueness	We classify the sensors using ANN networks to classify the algorithms that sends messages to corresponding authorities.
4.	Social Impact / Customer Satisfaction	Avoids the unwanted waters from the urban industries and avoid from the various diseases. Controls the PH value and Salinity of the water which is contaminated.
5.	Business Model (Revenue Model)	Needed in rapidly changing systems. Provides better understanding of interaction between constituents. Provides better understanding of transport processes in Water.