Project Design Phase-I
Proposed Solution

Date	03 October 2022
Team ID	PNT2022TMID38737
Project Name	Efficient Water Quality Analysis and Prediction Using Machine Learning
Maximum Marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Water is seen as a major resource that has an impact on many elements of human health and survival. People who live in metropolitan areas are often concerned about the quality of the water.
2.	Idea / Solution description	This project aims at building a machine learning model to predict a water quality by considering all water quality standard indicators.
3.	Novelty / Uniqueness	The proposed method is utilized to test portability. It has two phases: testing and training. working on past historical data.
4.	Social Impact / Customer Satisfaction	The quality of water services as a powerful environmental determinant and a foundation for the prevention and control of water borne diseases.
5.	Business Model (Revenue Model)	This model should be licensed by the machine learning as well as data analytics and make more impression among the people.
6.	Scalability of the Solution	A system that scales well will be able to maintain or increase its level of performance even as it is tested by larger than its operational demands.