Project Design Phase-I
Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID11573
Project Name	Project – Efficient water quality analysis and prediction using machine learning
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The software has been developed to predict and analysis the water quality and produce better result.
2.	Idea / Solution description	Collect the water quality analysis dataset and create user interacts with the UI (User Interface) to enter Data. The entered data is analyzed by the model which is integrated. Once model analyses the input the prediction is showcased on the UI.
3.	Novelty / Uniqueness	The water has highly polluted then show the alertness to the user.
4.	Social Impact / Customer Satisfaction	To produce better water quality prediction Can drive to the vision of healthy nation. It can be identify the accurate level of water.
5.	Business Model (Revenue Model)	It been sell our service/product to water purifier companies. Can collaborate with governments in analysing and providing the water quality solutions.
6.	Scalability of the Solution	It provides the better accuracy of water quality. Easy to identify the ph level, temperature.