Project Design Phase-I
Proposed Solution Template

Date	12 October 2022
Team ID	PNT2022TMID30589
Project Name	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)	At recent times water pollution have risen due to human activities and others. Due to this drinking water is not safe and there is a need to check for the water quality before using it for various purposes.Type your text
2.	Idea / Solution description	An analyzer allows to collect data about water and analyses the quality of the water and predicts the quality percentage of it and based on which we can utilize it.
3.	Novelty / Uniqueness	This analyzer is more efficient and allows user to get results in a better and more efficient way. This also utilizes needed data alone compared to others and provides more precise prediction.
4.	Social Impact / Customer Satisfaction	Since our project use efficient and low cost components it provides the product in very low price. It also has no harm towards the environment.
5.	Business Model (Revenue Model)	Affording a model would not cost much, thus it allows one to get hold of it easily. Hence it provides a better profit if marketed.
6.	Scalability of the Solution	Improves financial management. Secured and safe to use. Insights about money management.