

Project Design Phase-I
Proposed Solution Template

Date	07 th November 2022
Team ID	PNT2022TMID05141
Project Name	Project - Real Time River Water Quality Monitoring and Control System
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To monitor the water parameters such as ph, turbidity and dissolved solvents and send alerts when the water is not suitable for usage
2.	Idea / Solution description	Monitoring water parameters and control measures by using Sensors and Micro-Controller .
3.	Novelty / Uniqueness	Alerting the user regarding unsafe Safe water for consumption.
4.	Social Impact / Customer Satisfaction	People come to know about the quality of water.
5.	Business Model (Revenue Model)	Water Monitoring and Control Model.
6.	Scalability of the Solution	The establishment needed to be done and can be easily scaled up using sensors.