

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID21316
Project Name	<b>Real-Time River Water Quality Monitoring and Control System</b>
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)	Lack of maintenance of River water quality
2.	Idea / Solution description	Create an alert monitoring system to alert the excess levels of the water
3.	Novelty / Uniqueness	Creating Repeated alert to nearby stations and if no response it will be directed to head office using automation software
4.	Social Impact / Customer Satisfaction	Customer (social people ) will be able to use the river water for agriculture and other common use purposes
5.	Business Model (Revenue Model)	It increases the quality of water which supports the revenue earned by people depend on river water as source of resource
6.	Scalability of the Solution	This model is able to adapt in any climatic conditions that can be adapted according to the flow of water, temperature , pH, salinity,COD,BOD.