

Project Design Phase-I
Proposed Solution Template

Date	30 September 2022
Team ID	PNT2022TMID23156
Project Name	Real-time River Water Quality Monitoring And Control System.
Maximum Marks	2 Marks

Proposed Solution Template:

The project team shall fill the following information in the proposed solution template.

S. No	Parameter	Description
1.	Problem Statement (Problem to be solved)	To monitoring the real time river water quality with the help of control system
2.	Idea / Solution description	By using an Arduino with a water-based sensor it detects the water quality and alerts the authority to announce whether the water is good or bad for localities.
3.	Novelty / Uniqueness	We use the web application to present the water condition and announce the awareness message.
4.	Social Impact / Customer Satisfaction	Save water and river resources from the polluted water and impure water
5.	Business Model (Revenue Model)	By without using: The water resource will be spoiled without maintenance. By using: Get the healthy water and good environment
6.	Scalability of the Solution	It is well organized to provide pure water for the people and used for farming.