

Project Design Phase-I
Proposed Solution
Template

Date	30 September 2022
Team ID	PNT2022TMID20460
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 and raspberry pi with a water-based sensor it detects the water quality
3.	Novelty / Uniqueness	Web UI present the values in a colorful manner
4.	Social Impact / Customer Satisfaction	Save water and river resources from the polluted water and impure water
5.	Business Model (Revenue Model)	Water quality will be analysed 24X7 and hence it will be useful to protect the natural resource , and also by checking purity
6.	Scalability of the Solution	It is well organized to provide pure water for the people and used for farming.