

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID15102
Project Name	Project - Real-Time River Water Quality Monitoring and Control System
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)	To define the quality of the river by finding the temperature ,ph level and overcoming these constraints to provide quality water to localities
2.	Idea / Solution description	Using smart technologies to monitor these parameters in river water to define the quality of the water to the authorities.
3.	Novelty / Uniqueness	Web application will alert the authorities about the impurities in the river water and the control the usage of the water.
4.	Social Impact / Customer Satisfaction	It is better then the exiting method that the present method will only give the data on the quality of water but ours will give an alert to the authorities.
5.	Business Model (Revenue Model)	As the quality of the water increases customer satisfaction also increases and hence need for the application also increases, which increases the revenue of the business.
6.	Scalability of the Solution	It is definetly scalable we ca increase the constraints when the problem arises.