

Project Design Phase-I

Proposed Solution Template

Date	03 November 2022
Team ID	PNT2022TMID10541
Project Name	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 besolved)	To find the PH level, Temperature and Dustparticles in Water
2.	Idea / Solution description	Monitoring water parameters by using Arduino, Temperature sensor and Ph sensors
3.	Novelty / Uniqueness	If the water quality is not good it will insist thepeople to not drink or use the water as a warning message via mobile app
4.	Social Impact / Customer Satisfaction	People come to know about the quality of waterand it prevent the people from diseases and other health problems
5.	Business Model (Revenue Model)	It help people to become conscious against using contaminated water as well as to stoppolluting the water.
6.	Scalability of the Solution	The process of operating this Model is veryeasy. As it can be operated from using the mobile phone as well