

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

Team ID	PNT2022TMID47191
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 find the PH level, Temperature and Dust particles 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 the people 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 water and 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 stop polluting the water.
6.	Scalability of the Solution	The process of operating this Model is very easy. As it can be operated from using the mobile phone as well