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

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID49191 |
| 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.

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| **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 |