**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 22 September 2022 |
| Team ID | PNT2022TMID48076 |
| 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.

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To obtain quantitative information on chemical, biological characteristics of water via statistical sampling. |
|  | Idea / Solution description | Check PH level of water and find whether the contain bacteria or not. |
|  | Novelty / Uniqueness | When the water is below PH level and impure then it make alarm. |
|  | Social Impact / Customer Satisfaction | Using this device we can get good quality water(purity water). |
|  | Business Model (Revenue Model) | It can make use of water for drinking and other purposes. |
|  | Scalability of the Solution | It can measure up to 5 litre of water. |