**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 17 October 2022 |
| Team ID | PNT2022TMID22083 |
| 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.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | The traditional water quality monitoring system we have to travel to check Ph value .now we can check Ph value with this application |
|  | Idea / Solution description | The water quality provides a single number that expresses overall water quality The objective of water quality is to turn complex water quality data into information which is easily understandable |
| 3. | Novelty / Uniqueness | This real time based water quality monitoring system monitors Ph, Dissolved oxygen, Turbidity, temperature |
| 4. | Social Impact / Customer Satisfaction | It is a user friendly .So, customer can easily understand the application |
| 5. | Business Model (Revenue Model) | This application is useful when it’s implemented in business |
| 6. | Scalability of the Solution | The random data received from the sensors predicts the quality of water |