**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 17th October 2022 |
| Team ID | PNT2022TMID17590 |
| 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) | To monitor the water parameters such as ph, turbidity and dissolved solvents and send alerts when the water is not suitable for usage |
|  | Idea / Solution description | Monitoring water parameters and control measures by using Sensors and Micro-Controller. |
|  | Novelty / Uniqueness | Alerting the user regarding unsafe Safe water for consumption. |
|  | Social Impact / Customer Satisfaction | People come to know about the quality of water. |
|  | Business Model (Revenue Model) | Water Monitoring and Control Model. |
|  | Scalability of the Solution | The establishment needed to be done and can be easily scaled up using sensors |