Project Design Phase-I Proposed Solution Template

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| Date | 03-11-2022 |
| Team ID | PNT2022TMID26825 |
| 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** |
| 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 |