Project Design Phase-I Proposed Solution Template

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| Date | 13 October 2022 |
| Team ID | PNT2022TMID41871 |
| Project Name | Project -Real time river water quality monitoring and control system |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To get information about real time water quality by using parameters such as pH,  turbidity and temperature |
| 2. | Idea / Solution description | Monitoring water parameters by using Arduino and sensors and giving real time information through mobile application |
| 3. | Novelty / Uniqueness | Low investment and maintainace cost , IOT have many applications |
| 4. | Social Impact / Customer Satisfaction | People will have awareness about new technologies and can have access to quality water |
| 5. | Business Model (Revenue Model) | IOT based Water monitoring and control model |
| 6. | Scalability of the Solution | The process of operating is easy and it can designed according to customer needs. |