**Project Design Phase-I**

**Proposed Solution**

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| Team ID | PNT2022TMID17576 |
| Project Name | Project – Real Time River Water Quality Monitoring and Control System |

**Proposed Solution:**

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To Control the Algal bloom and monitor the water parameters such as turbidity and dissolved solvents. |
| 2. | Idea / Solution description | Monitoring water parameters by using Arduino and Sensors and control measures by ultrasonic frequency. |
| 3. | Novelty / Uniqueness | Controlling Algal Blooms using Ultrasonic frequencies. |
| 4. | Social Impact / Customer Satisfaction | People come to know about the quality of water. |
| 5. | Business Model (Revenue Model) | Water Monitoring and Control Model. |
| 6. | Scalability of the Solution | The process of operating this Model is very easy. |