**Project Design Phase-I**
**Proposed Solution Template**

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| Date | 27 october 2022 |
| Team ID | PNT2022TMID23839 |
| 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.

| S.No. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | Often people and other living organisms are suffered due tounavailability of pure usable water.Due to this health hazards and other infections are spreaded among people.In order to secure them it is necessary to develop an system to handle the quality of water.This can also help the people to have an idea on drinkable water. |
| 2. | Idea / Solution description | ● So to start this we just need to know or have an idea on the chemical composition of water or simply the nature of water<br>● Based on timely taken analysis we can find the nature of water .<br>● Use an random location on taking the amount of chemicals and impurities present in water |
| 3. | Novelty / Uniqueness | ● This system developed is useful and creates an ease of pure water consumption for natives aswell as other beings.<br>● People can predict the quality of water by the help of this system |

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| 4. | Social Impact / Customer Satisfaction | • This helps the people to save time and energy as they can get pureriver water with ease<br>• Building an effective system that can be create as a product for best water quality and control system. |
| 5. | Business Model (Revenue Model) | • Many other parts of the world and rural parts of the village are expecting this technology that can greatly facilitate the river water management system. |
| 6. | Scalability of the Solution | • when we predict and control the quality of water it can save people from further health damage and save people time to get purified drinking and usable river water. |