Project Design Phase – 1 Solution Architecture

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| Date | 9 November 2022 |
| Team ID | PNT2022TMID51261 |
| Project Name | Real-time river water quality monitoring and control system |
| Maximum Marks | 4 Marks |

**Proposed solution:**

Upgrade the traditional method with IOT system

Use the real time data to track the quality of the water and send a notification to the user about the collected data.

Detecting the dust particles,PH level of water, temperature to be monitored using sensor Network

It Socially help water system managers. Identify threats to surface water earlier

Create an web Application for monitoring and controlling the quality of river water

Altering the authorities, if the water quality is not good. Alarm the user to not drink that water or not to use for other activities.

Water pollution is a foremost global problem which needs ongoing evaluation and adaptation of water resource directorial