

**Project Design Phase-I**  
**Solution Architecture**

Date	21 October 2022
Team ID	PNT2022TMID25985
Project Name	REAL-TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

**Solution Architecture:**

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behaviour, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed
- it socially help water system managers identify threats to surface
- quality monitoring system of water condition based on physical parameters  
this project represents an IOT based smart water

**Solution Architecture Diagram:**



