Project Design Phase-1
Solution Architecture
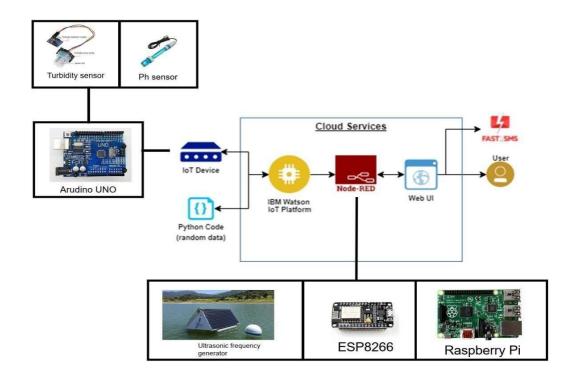
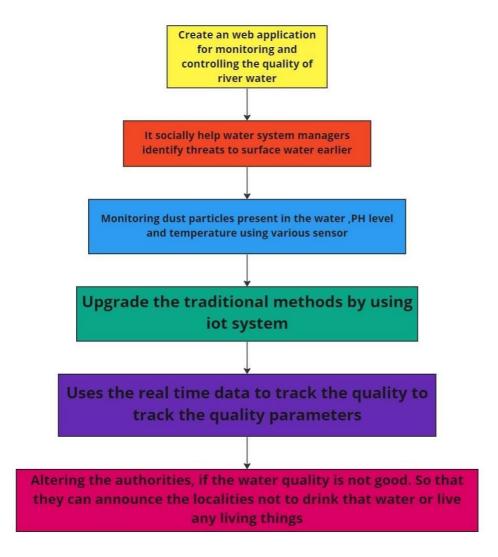| Date	19 October 2022
Team ID	PNT2022TMID04601
Project Name	Project-IOT Based Real time River Water Quality Monitoring And Control System
Maximum Marks	4 Marks

Solution Architecture:

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

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, 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, and delivered.

Solution Architecture Diagram :

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

It socially help water system managers identify threats to surface water earlier

Monitoring dust particles present in the water ,PH level and temperature using various sensor

Upgrade the traditional methods by using iot system

Uses the real time data to track the quality to track the quality parameters

Altering the authorities, if the water quality is not good. So that they can announce the localities not to drink that water or live any living things

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