Project Design Phase-I

Solution Architecture

Date	27 October 2022
Team ID	PNT2022TMID47383
Project Name	Project - 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 t

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┌─────────────────────────────────────────┐
│  Create a 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 ,oxygen  │
│  level of the water.                      │
└─────────────────────────────────────────┘
                    ↓
┌─────────────────────────────────────────┐
│  By removing the traditional methods to   │
│  the latest technologies in the Iot.      │
└─────────────────────────────────────────┘
                    ↓
┌─────────────────────────────────────────┐
│  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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