

# MILESTONES AND ACTIVITY LISTS

**TEAM ID:** PNT2022TMID15636

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## **Real-time river water quality monitoring and control system**

### **1. Prerequisites**

- » IBM Cloud Services
- » Software

### **2. Project Objectives**

- » Abstract
- » Brainstorming

### **3. Create And Configure IBM Cloud Services**

- » Create IBM Watson Iot Platform And Device
- » Create Node- Red Service
- » Create A Database In Cloudant DB

### **4. Develop The Python Script**

- » Develop A Python Script

### **5. Develop A Web Application Using Node-RED Service.**

- » Develop The Web Application Using Node-RED

### **6. Ideation Phase**

- » Literature Survey On The Selected Project & Information Gathering
- » Prepare Empathy Map
- » Ideation

### **7. Project Design Phase -1**

- » Proposed Solution
- » Prepare Solution Fit
- » Solution Architecture

### **8. Project Design Phase -2**

- » Customer journey
- » Functional Requirement
- » Data Flow Diagram
- » Technology Architecture

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## **9. Project planning Phase**

- » Prepare Milestones & Activity List
- » Sprint Delivery Plan

## **10. Project Development Phase**

- » Project Development-Delivery Of Sprint-1
- » Project Development-Delivery Of Sprint-2
- » Project Development-Delivery Of Sprint-3
- » Project Development-Delivery Of Sprint-4