

MILESTONES AND ACTIVITY LISTS

TEAM ID: PNT2022TMID06971

DATE: 22.10.2022

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