

MILESTONES AND ACTIVITY LISTS

TEAM ID: P NT2022TMID48248

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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

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