MILESTONES AND ACTIVITY LISTS

TEAM ID: PNT2022TMID04198

Real-Time River water quality monitoring and control system

1.Prerequisties

- 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.Building Mobile App

- Design your UI to display the water Turbidity, pH values
- Configure the application to receive the data from cloud
- Configure the mobile app for controlling motor using buttons

8.Ideation Phase

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

9.Project Design Phase -1

- Proposed Solution
- Prepare Solution Fit

10.Project Design Phase -2

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

11.Project planning Phase

- Prepare Milestones & Activity List
- Sprint Delivery Plan

12.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-

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