**MILESTONES AND ACTIVITY LISTS**

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# 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. 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