

PROJECT OBJECTIVES

Date	03 November 2022
Team ID	PNT2022TMID37794
Project Name	Project-Real-time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

Project Flow:

Sending random pH values and turbidity values will be sent to the IBM IoT platform. Sensors values can be viewed in the Web Application. Notifies the admin the random values cross the threshold value

To accomplish this, we have to complete all the activities and tasks listed below:

Create and configure IBM Cloud Services

Create IBM Watson IoT Platform

Create a device & configure the IBM IoT Platform

Create Node-RED service

Create a database in Cloudant DB to store location data

Develop a web Application using Node-RED Service.

Develop the web application using Node-RED

Develop a python script to publish the location details to the IBM IoT platform