Project Development Phase

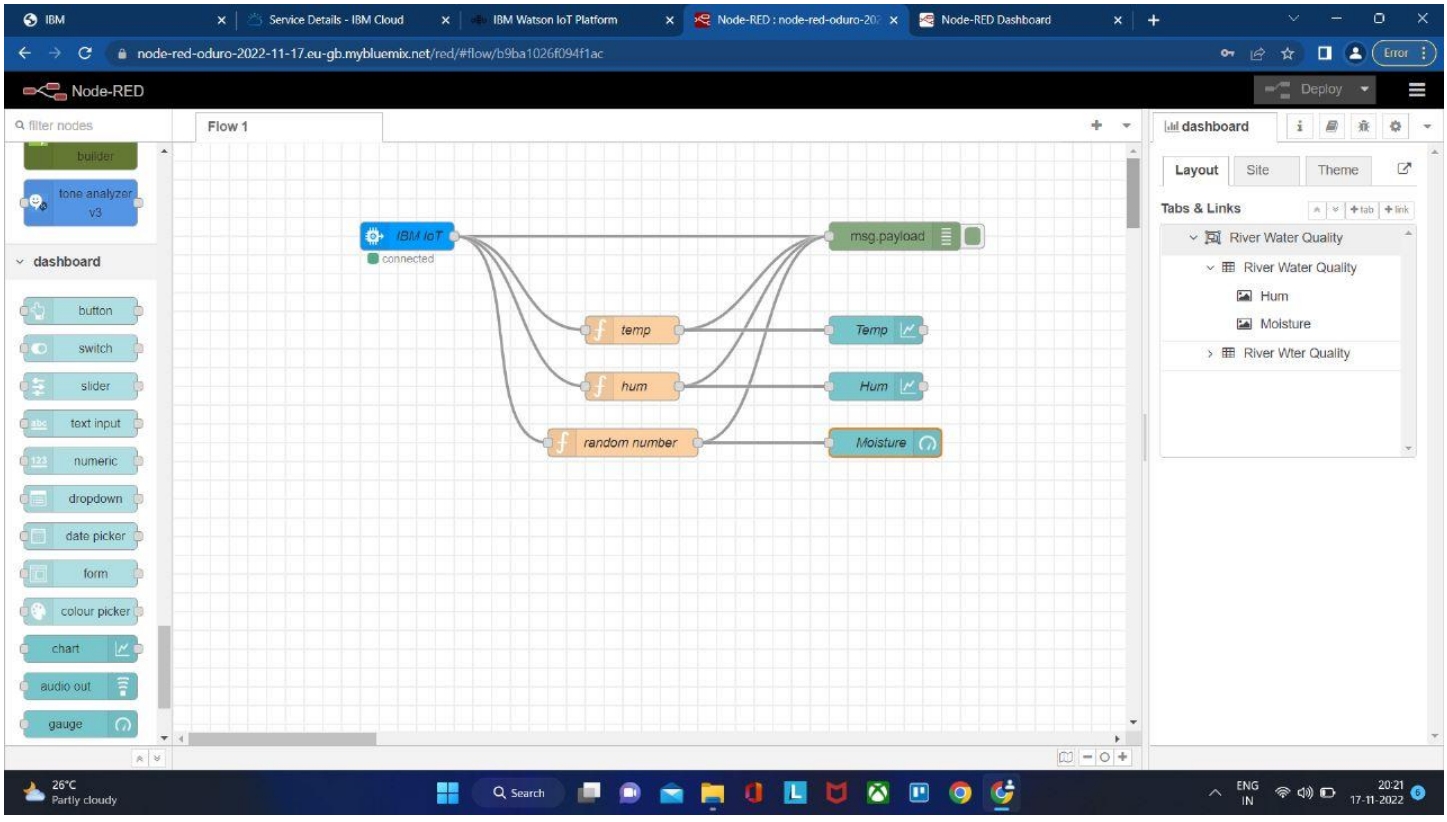
Sprint – 4

Date	19 Nov 2022
Team ID	PNT2022TMID06701
Project Name	Real-Time River Water Quality Monitoring and Control System
Maximum Marks	8 Marks

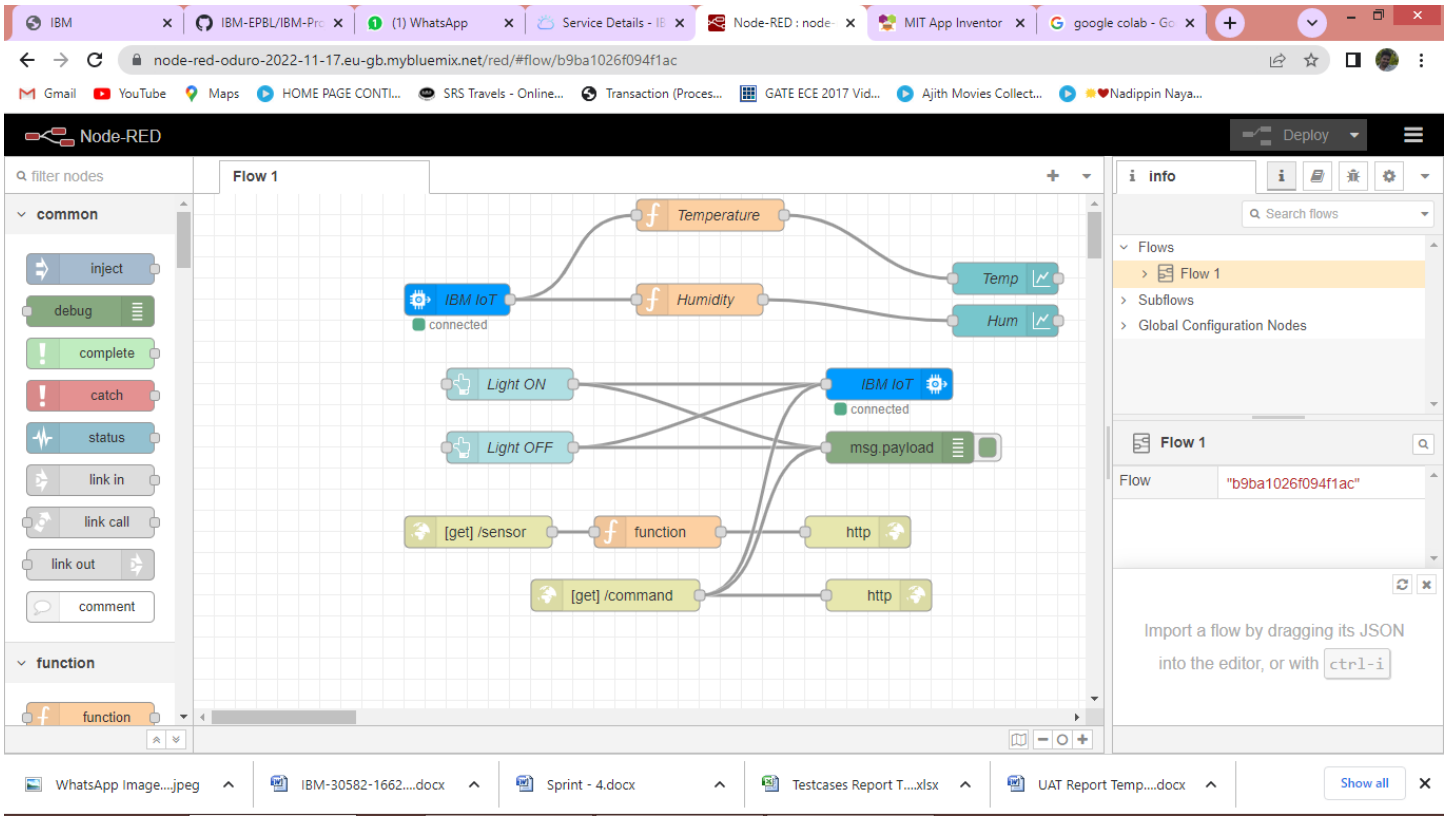
USN – 10:Create a Web UI using Node-red

As a user, I can create a Web UI, to access the data from the cloud and display all parameters.

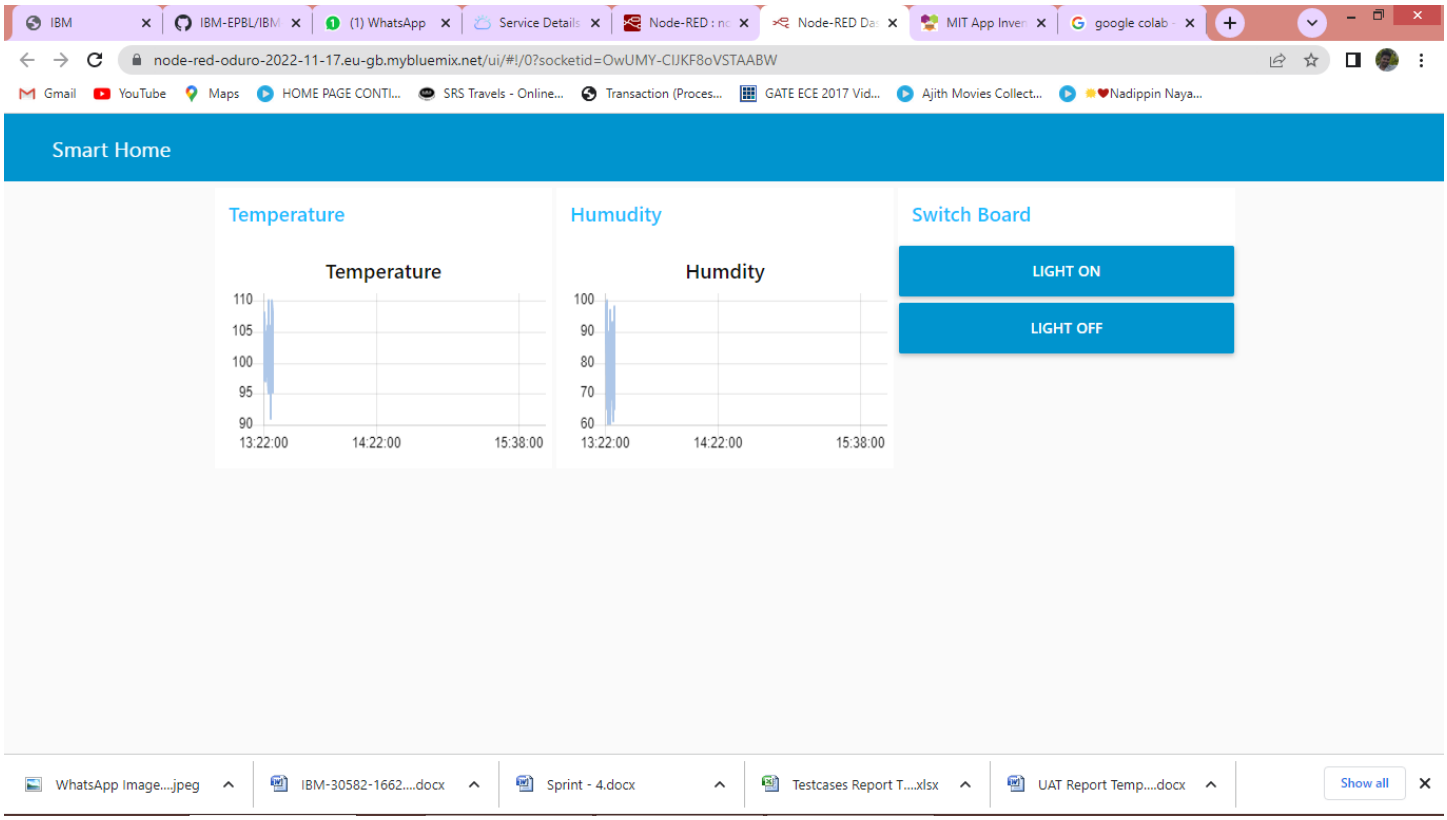
Creating web application in Node-Red:



Creating Web UI:



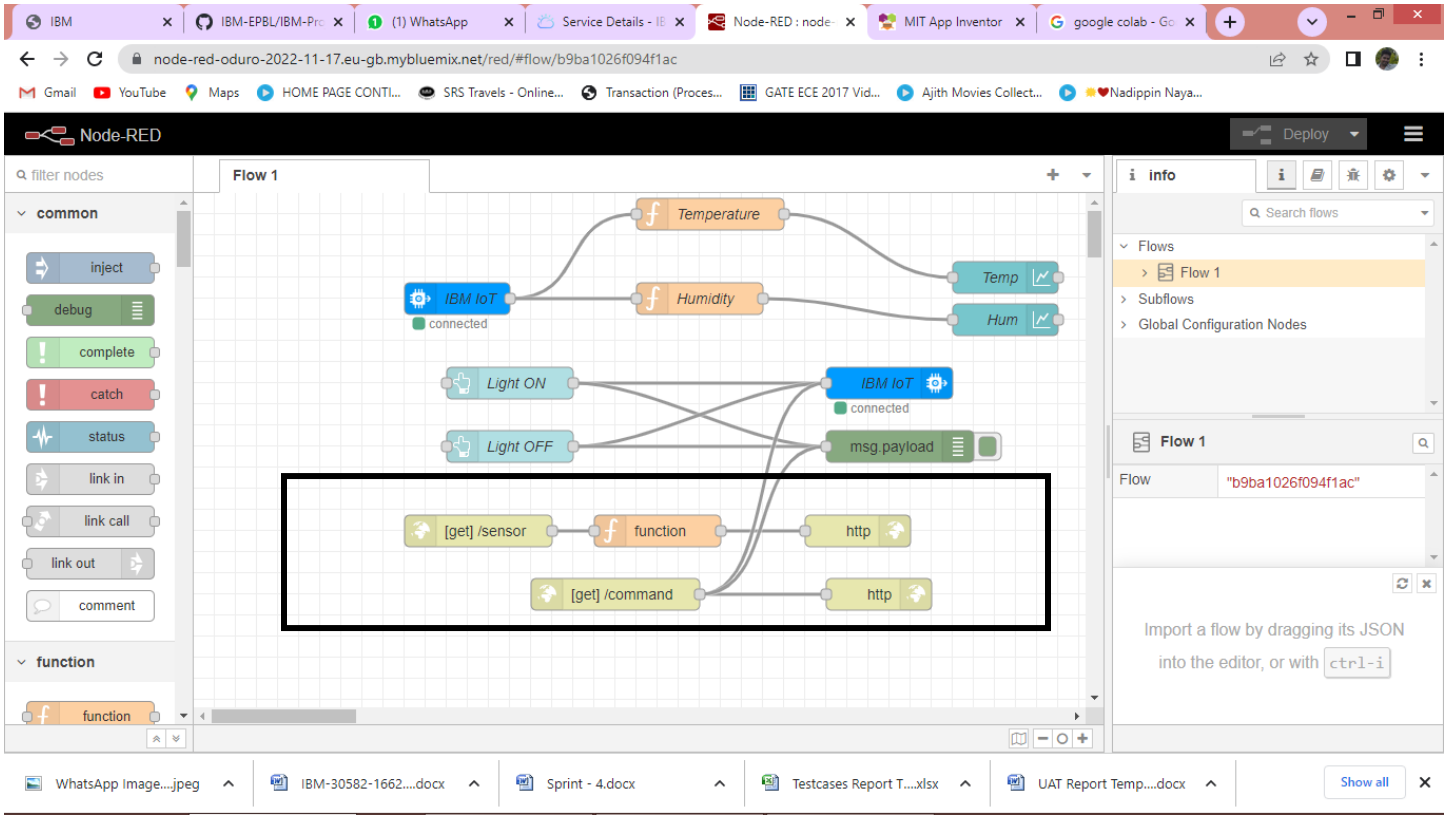
Web UI Dashboard:



USN – 11: Connecting Node-red to Mobile Application

As a user, I can connect the node-red to the mobile application to display all the parameters in the mobile app

Creating HTTP Request:



Data in Mobile App:

Command Received in Python Shell when the button is Clicked: