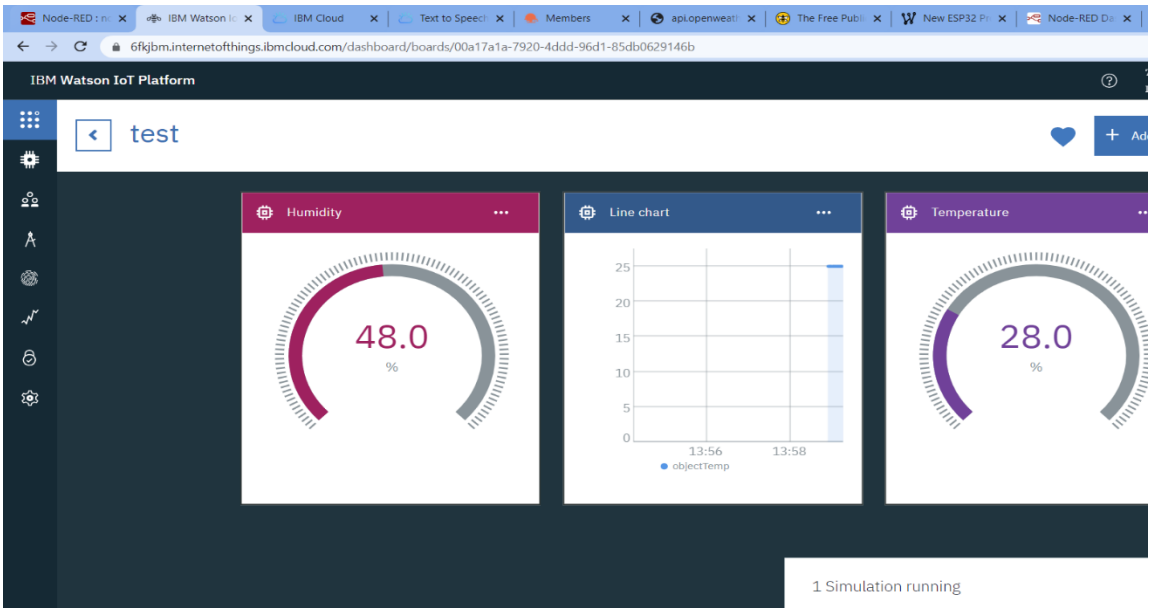
Team Member ID/Roll No: 714019205002
714019205021,714019205030

CREATE AND CONFIGURE IBM CLOUD SERVICE

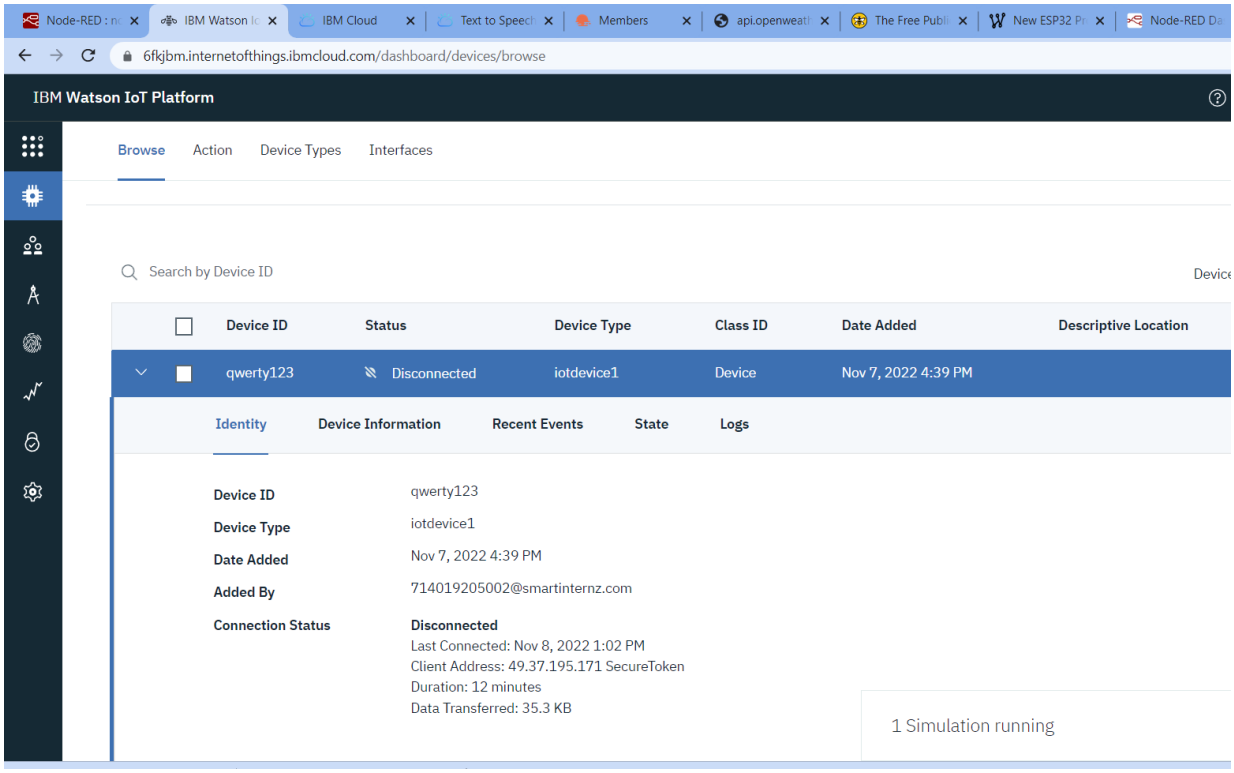
To deploy the IOT platform we need the following constraints to implement the web-Based services to the project

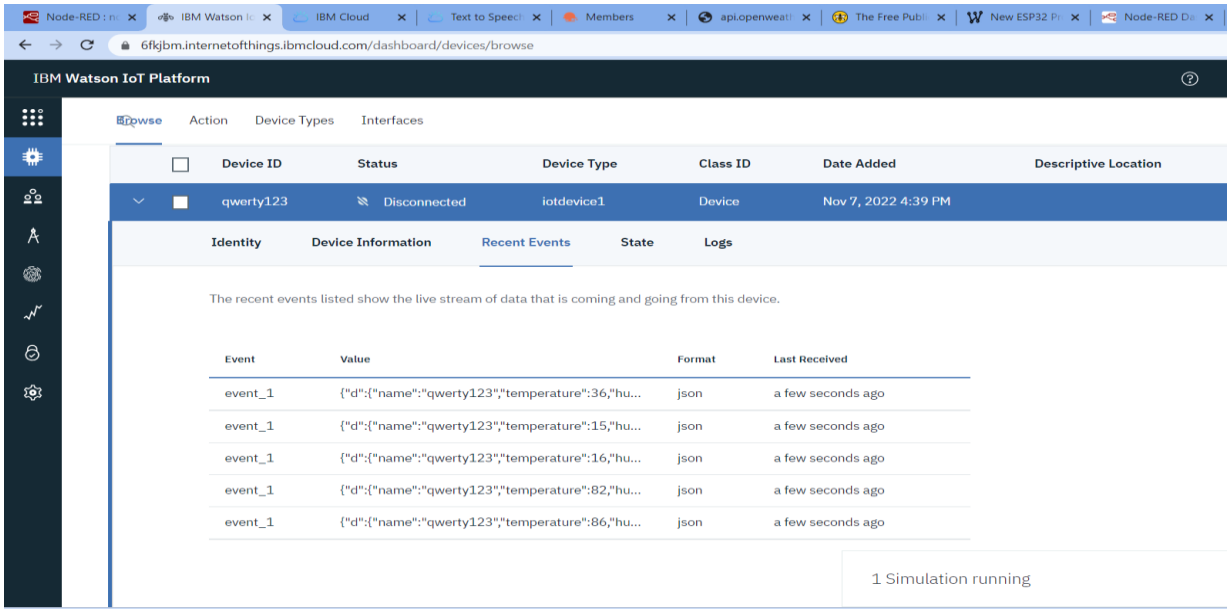
CREATE IBM WASTON IOT PLATFORM AND DEVICE

It is the most curcial part of the platform where we deploy a device in IOT WASTON which is a service provider render by IBM cloud and it is more important that we need to take a note on device credential during the creation device in IOT WASTON platform with the help of these credential we can able to connect our services to the desired platform



CARD CREATION



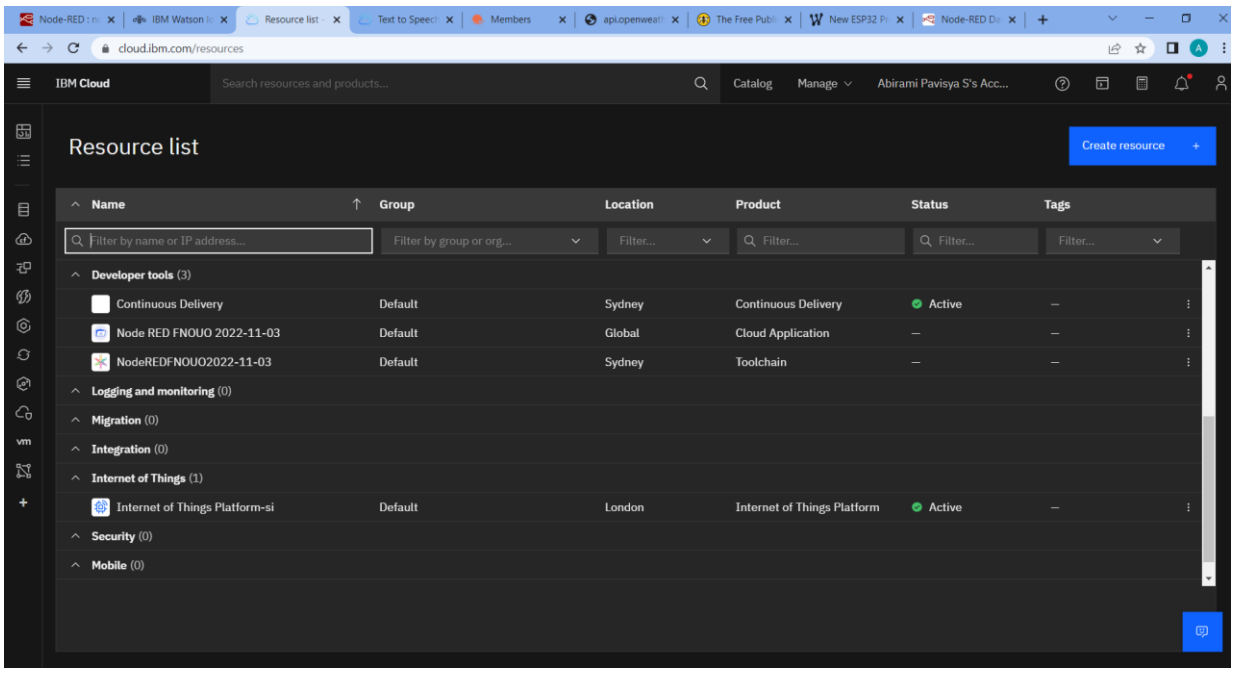


DEVICE SIMULATION

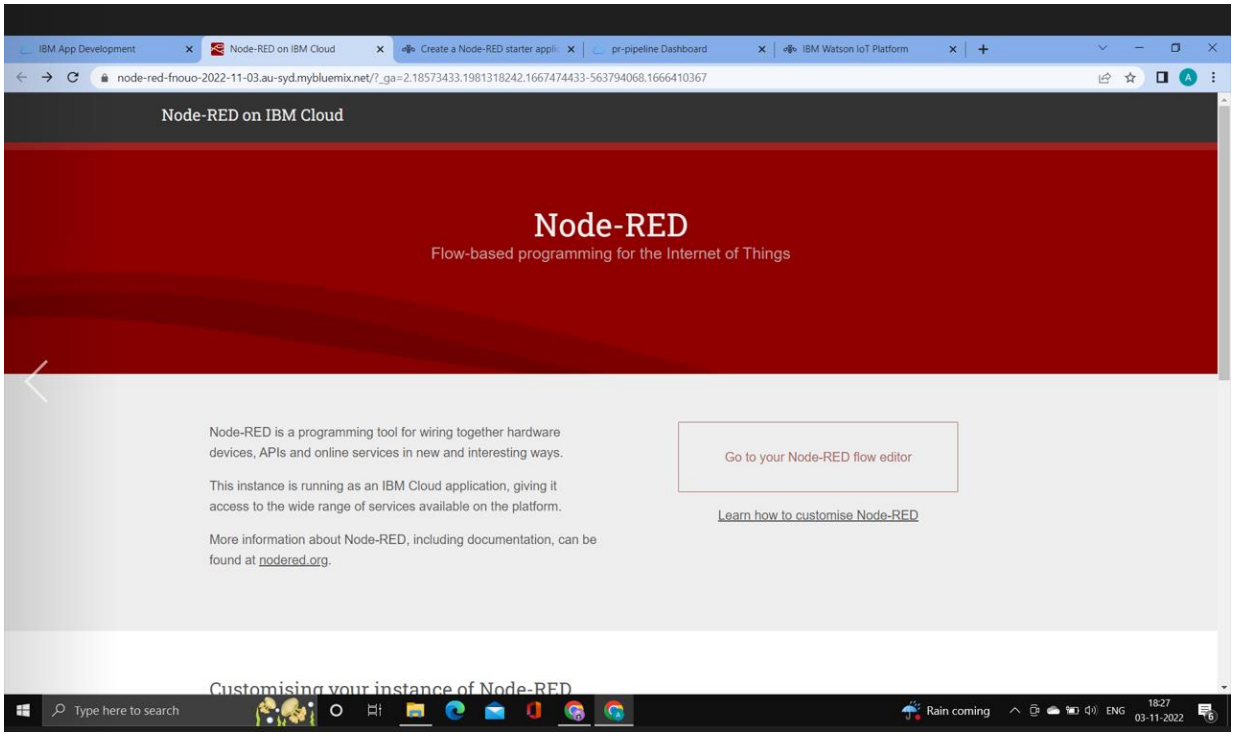
CREATE NOD-RED SERVICES

To implements the IBM WASTON PLATFORM device values, we need to deploy NOD-RED Services which rendered by IBM Cloud and with the help of it we deploy the IOT as GUI friendly website and as a simulator and it is also connected to python interpreter. And while creating the NOD-RED Services its

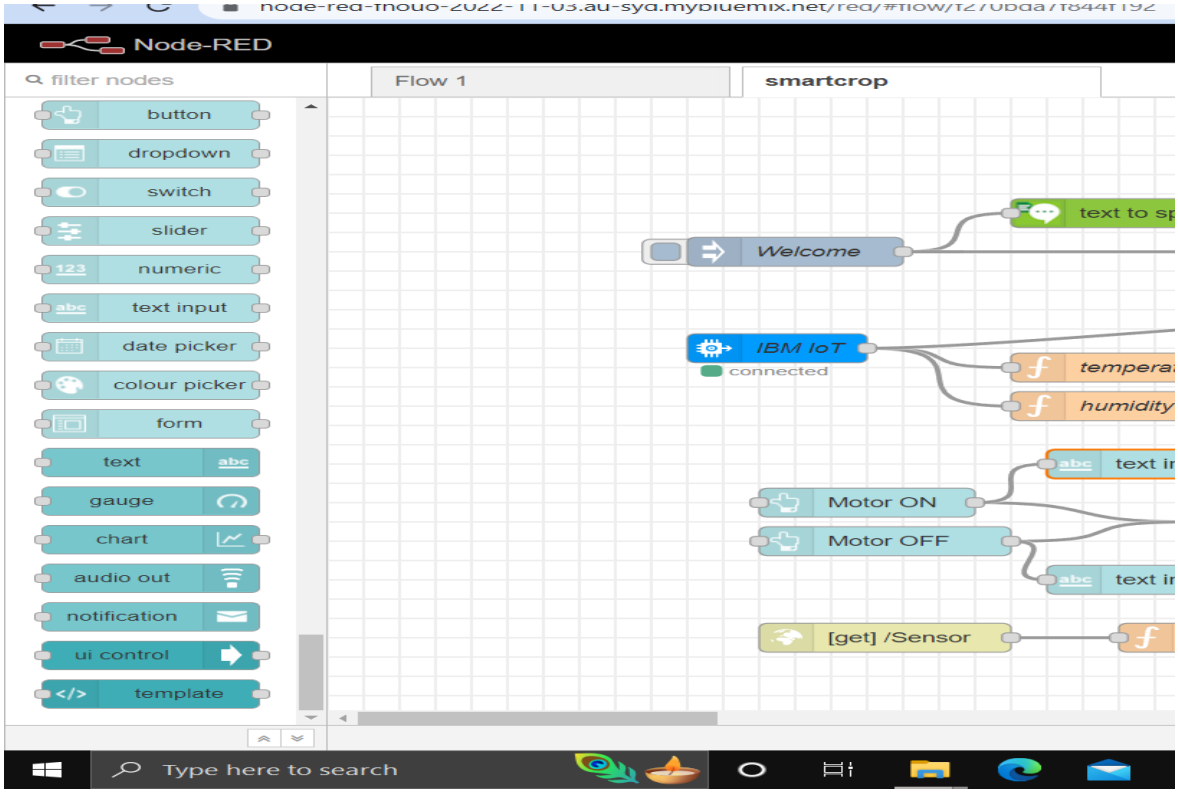
important to note URL for the NOD-RED flow editor. here we have so many nodes which makes task to be implemented easily



NODE-RED SERVICE CONNECTION ESTABLISHMENT



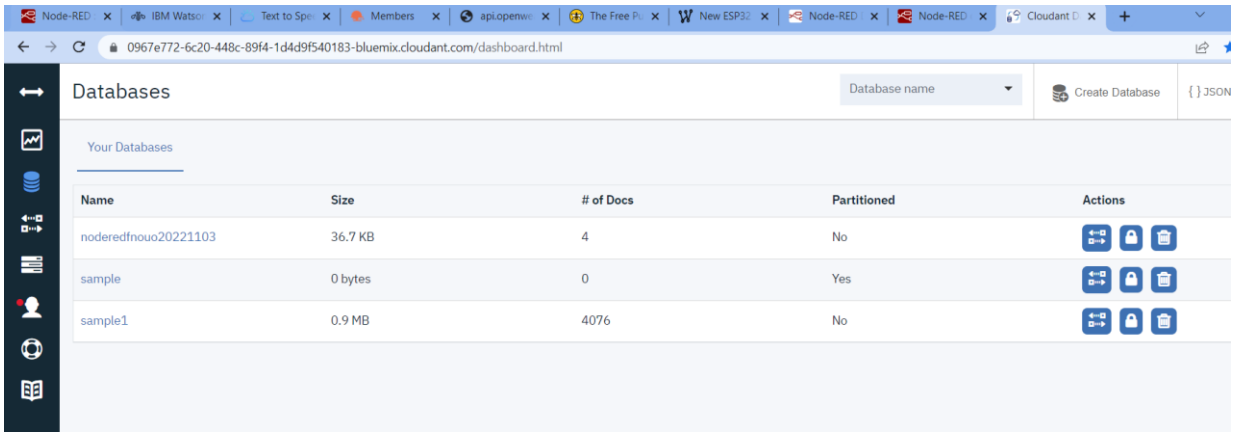
NODE-RED WEBSITE URL

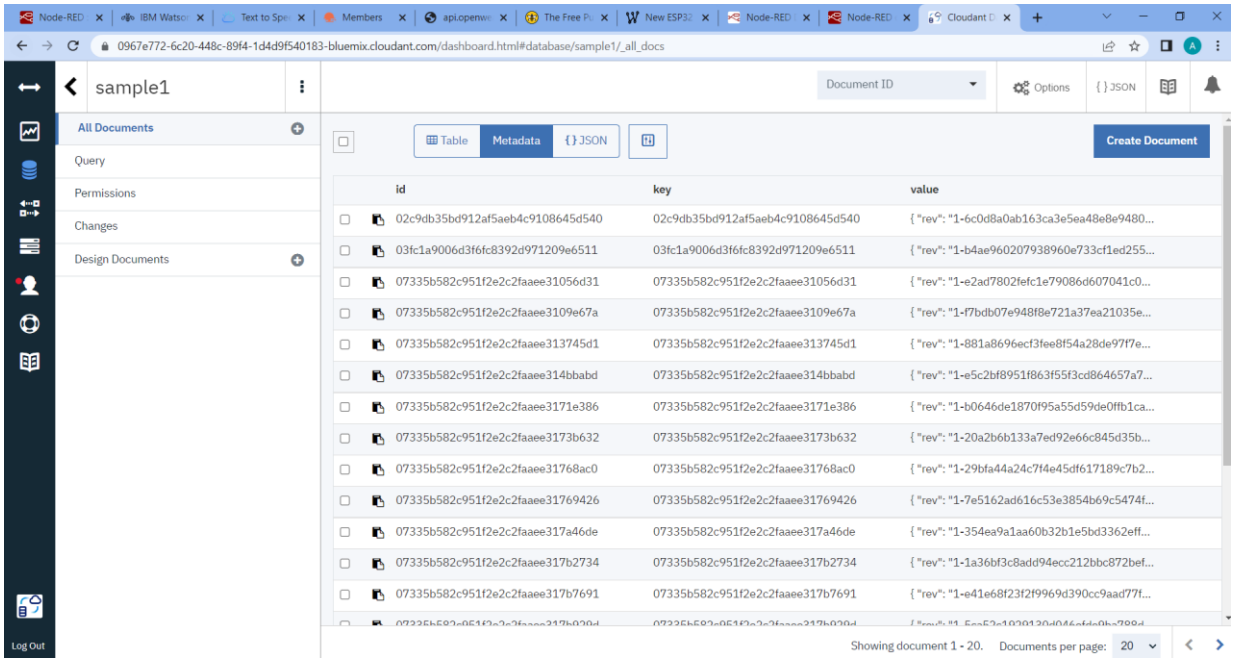


NODE-RED FLOW EDITOR

CREATE A CLOUDANT DATABASE AND CLOUD OBJECT

In order to store the NOD-RED value or any service provider we need to have a Database here the cloudant database is created inorder to store the values of the sensor reading of the devices

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