SPRINT-2

Date	20 November 2022
Team ID	PNT2022TMID12172
Project Name	Personal Assistance for Seniors Who Are Self Reliant

TASK: -

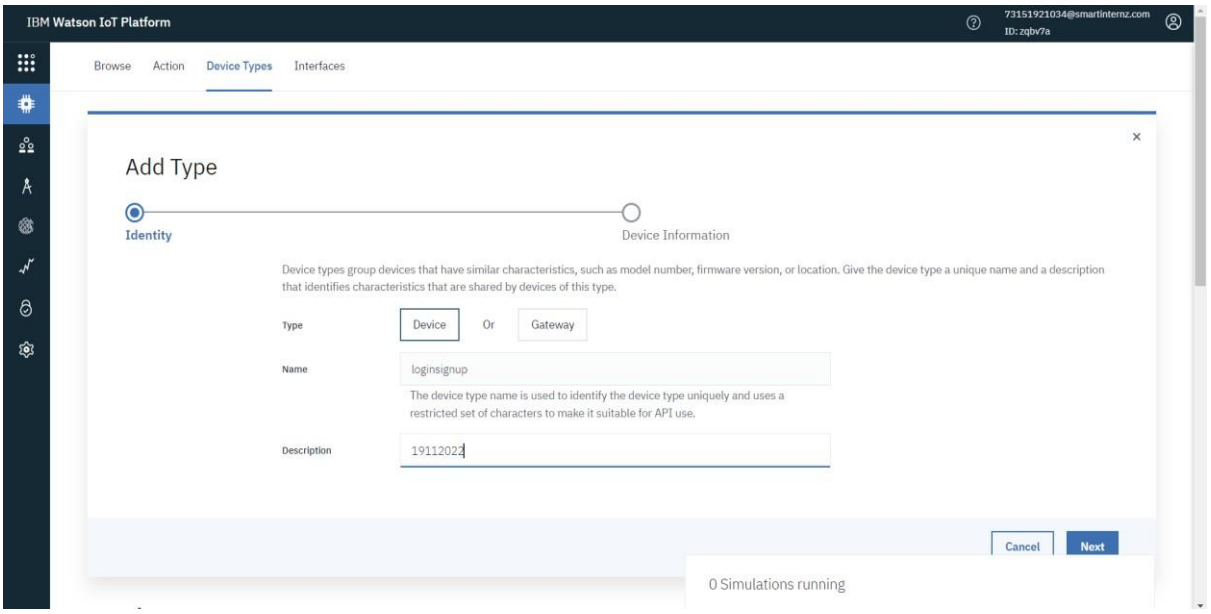
To create a device in the IOT Watson Platform, Workflow for IOT scenarios using Node-RED.

DESCRIPTION: -

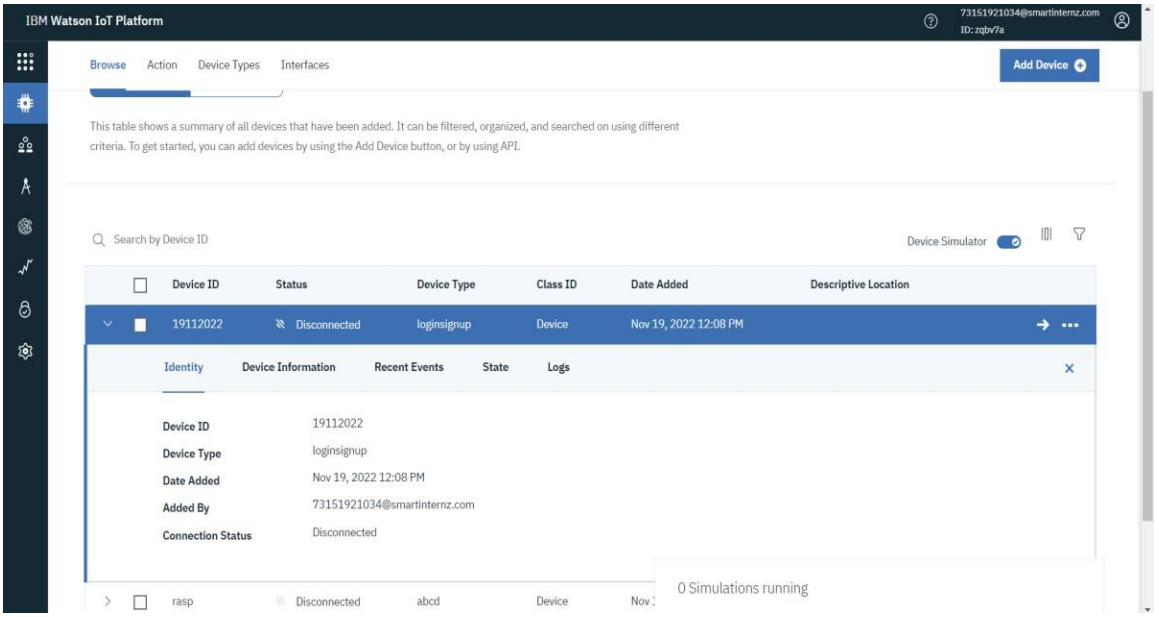
- We have used **IoT Watson platform** for the creation of IoT device.
- The web application is built using **Node-RED** for collecting the medicine details from the users.
- We have used the **Cloudant DB** for storing the collected data.
- The web application will send the medicine details to the created IoT device.
- The IoT device on receiving the details, it make use of TTS to remind the user about the medicine.
- By using **TTS** (Text to Speech) service from the IBM platform, the medicinal information will be notified to the users in the form of voice commands.
- Following are the screenshots that demonstrate the device creation and workflow of the IoT scenarios.

1) IBM WATSON – DEVICE CREATION

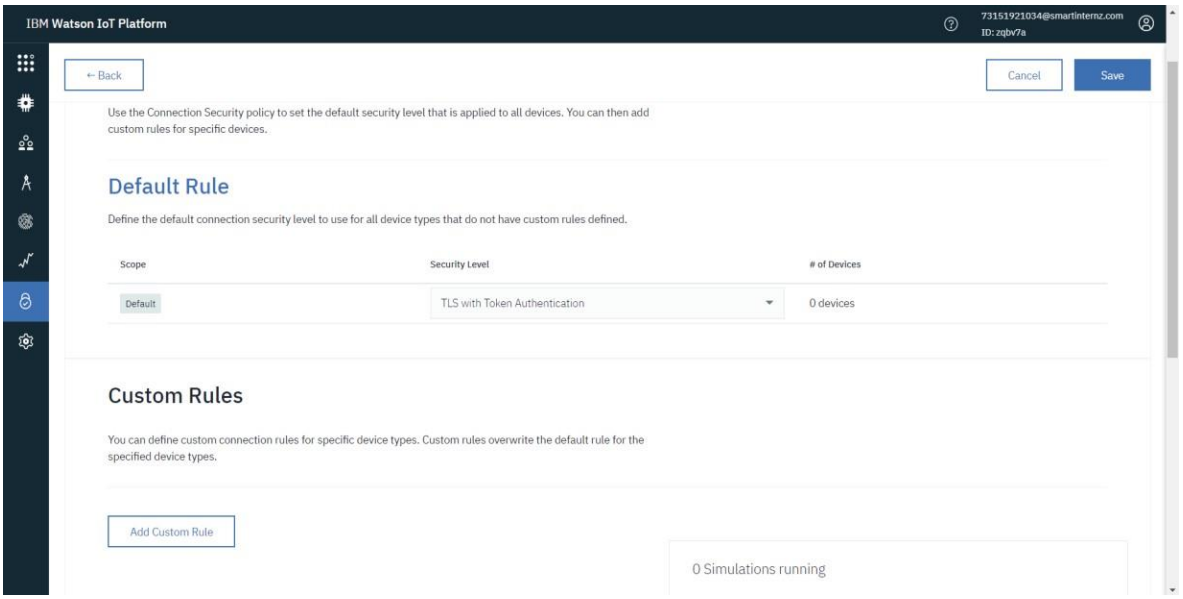
DEVICE TYPE CREATION:



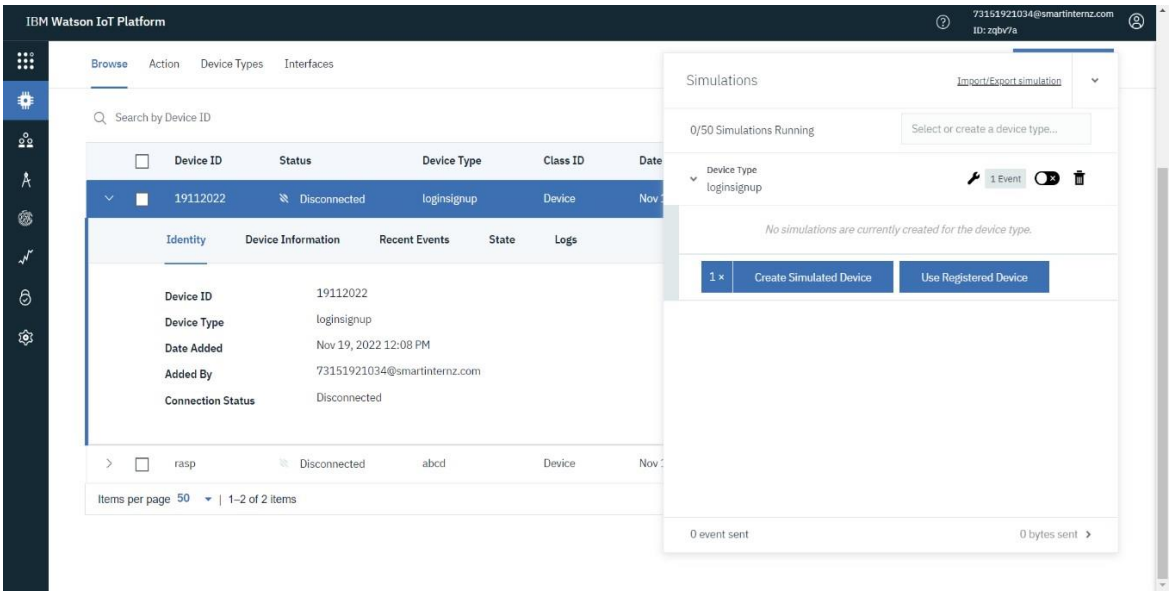
DEVICE CREATION:



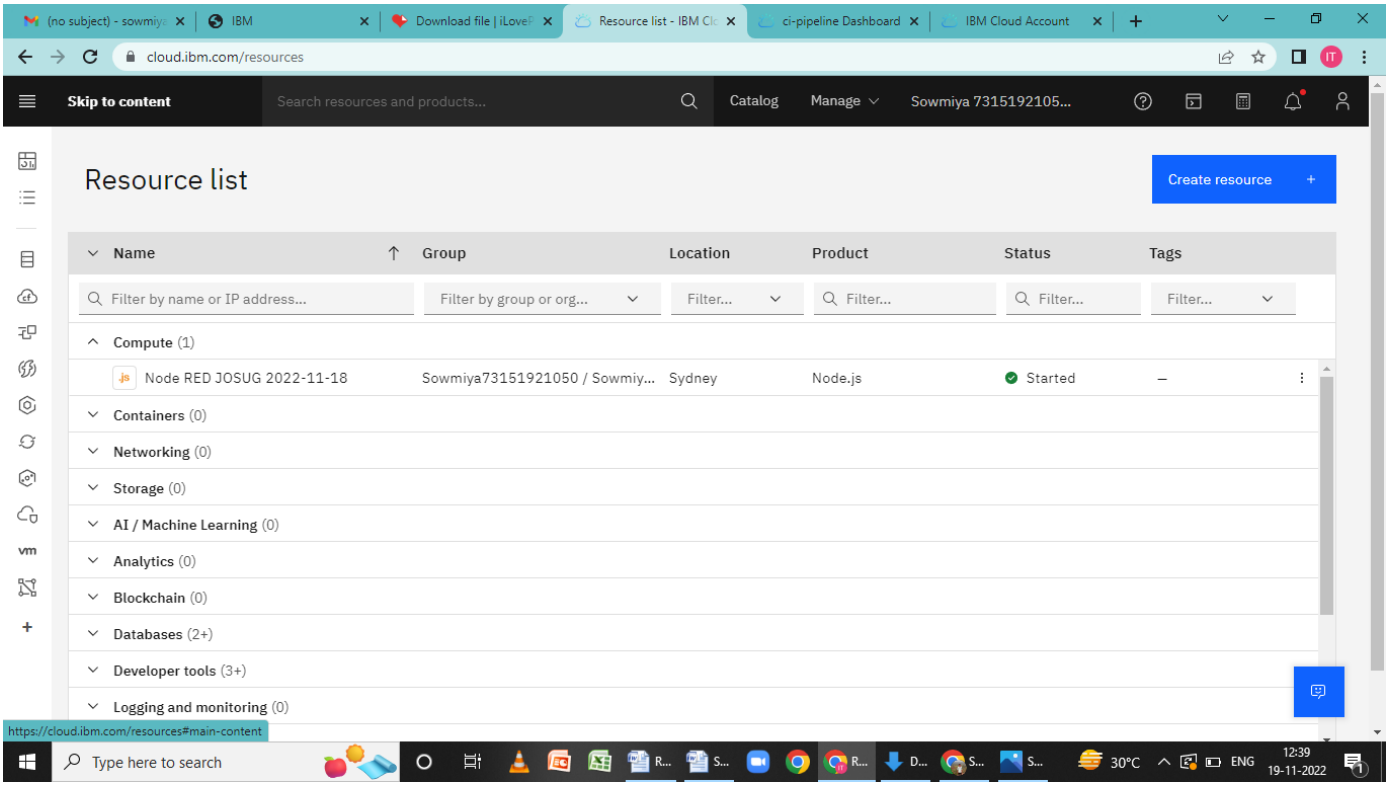
CONFIGURE SECURITY POLICY:



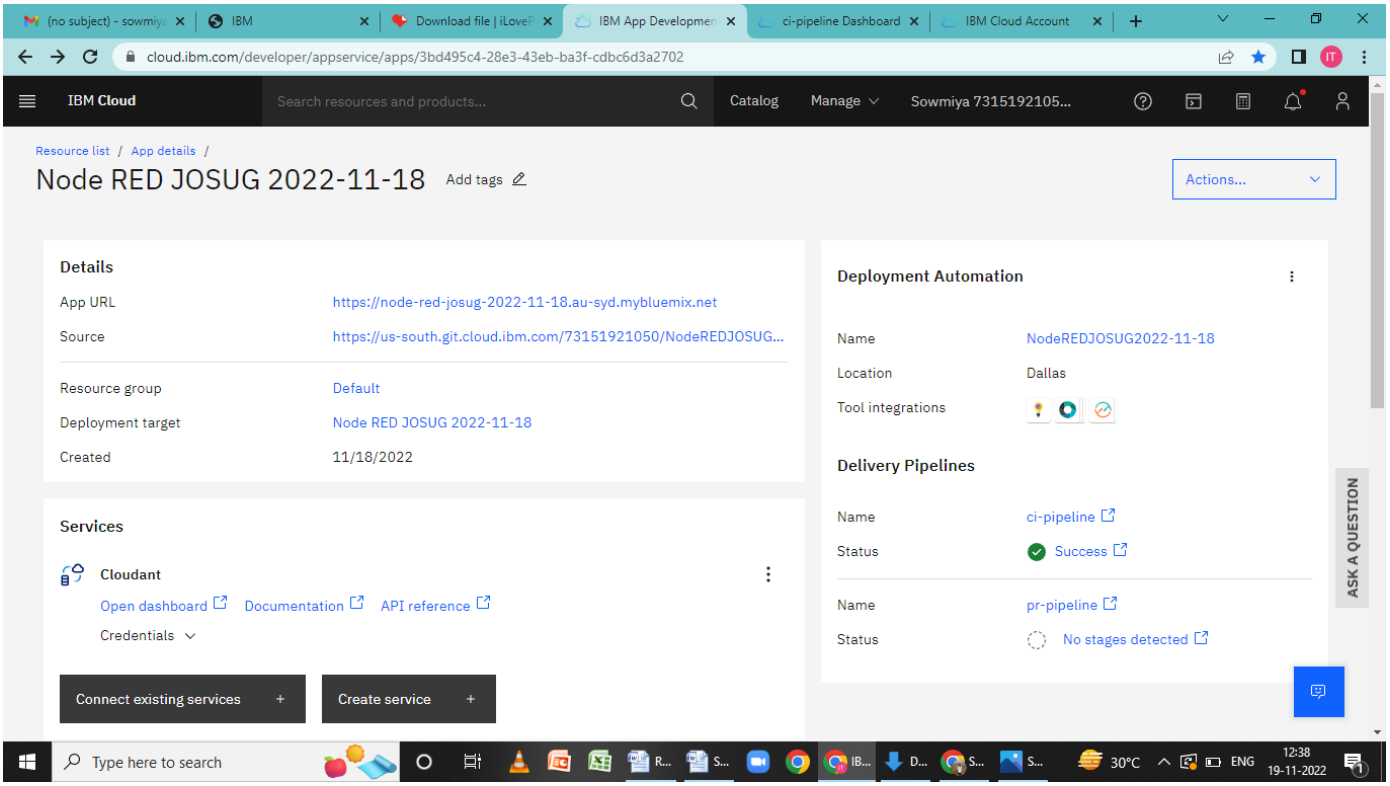
SIMULATE IOT DEVICE:



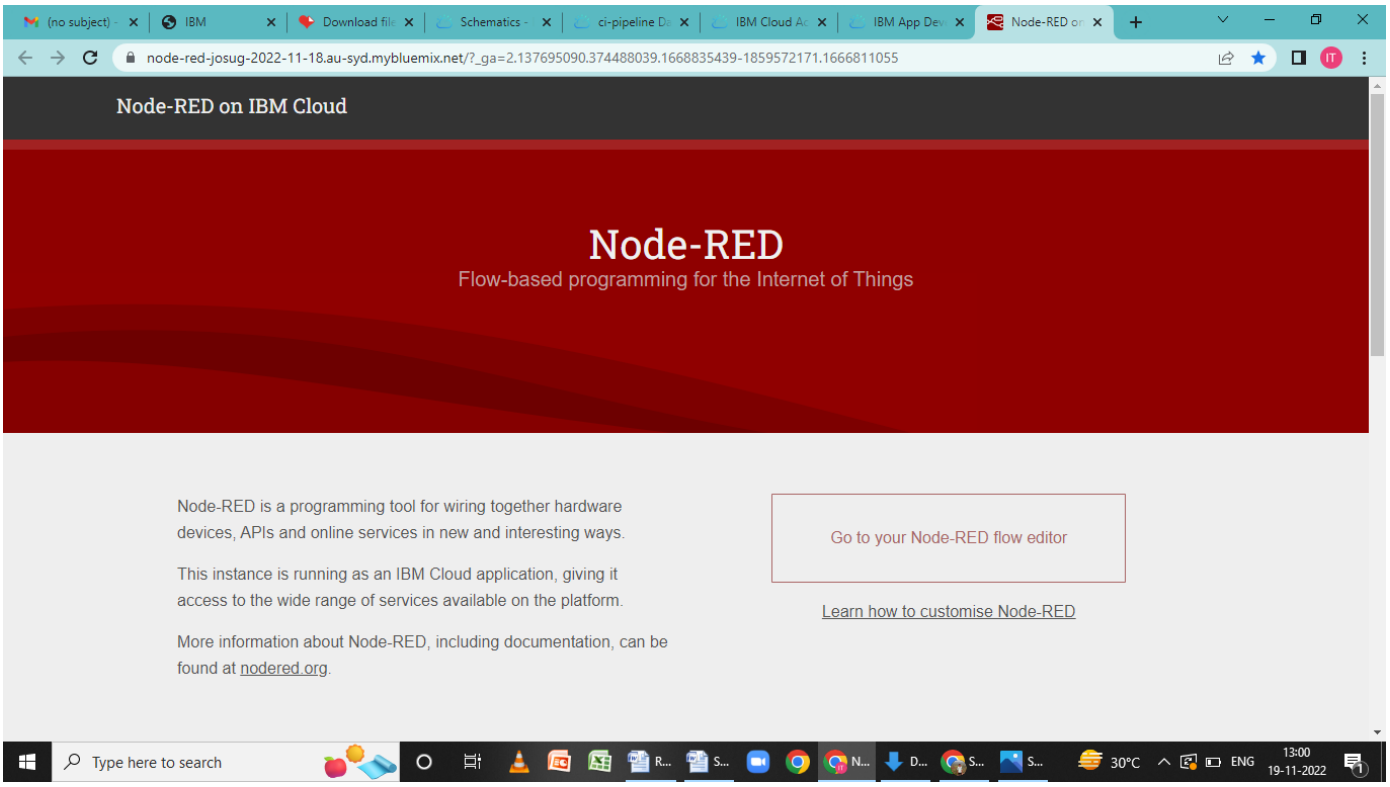
2)NODE-RED CREATION:



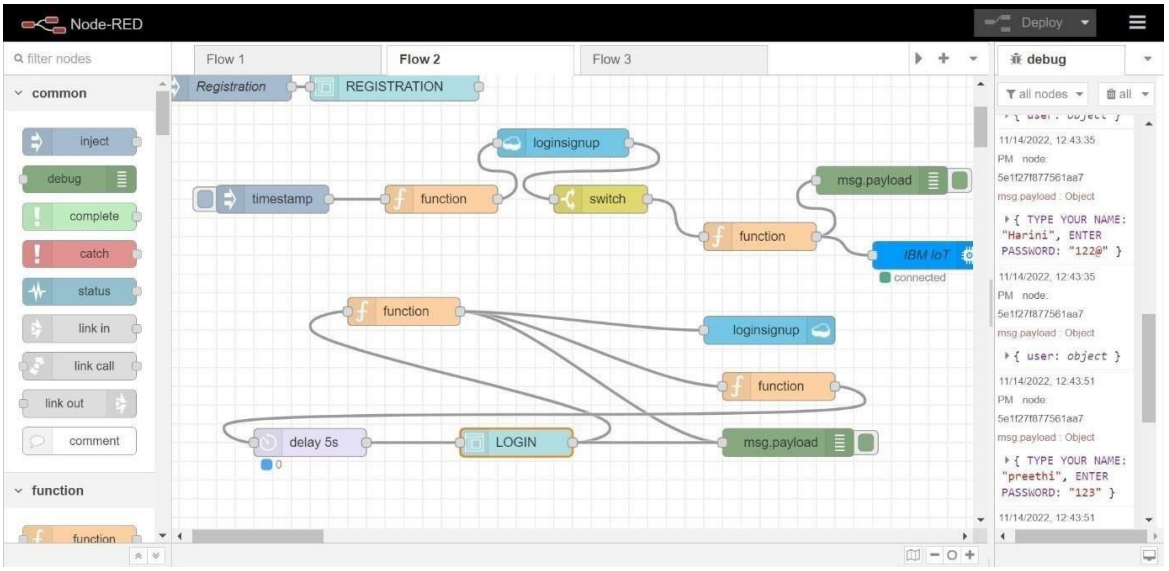
DEPLOYING NODE-RED WEB APP:



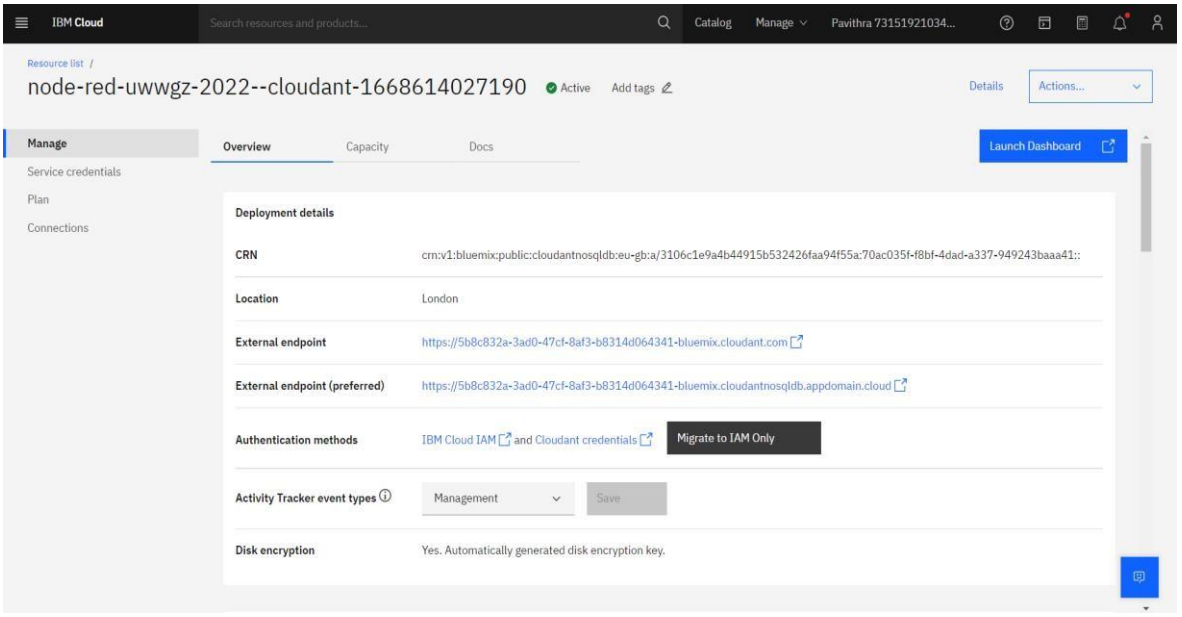
NODE-RED FLOW EDITOR:



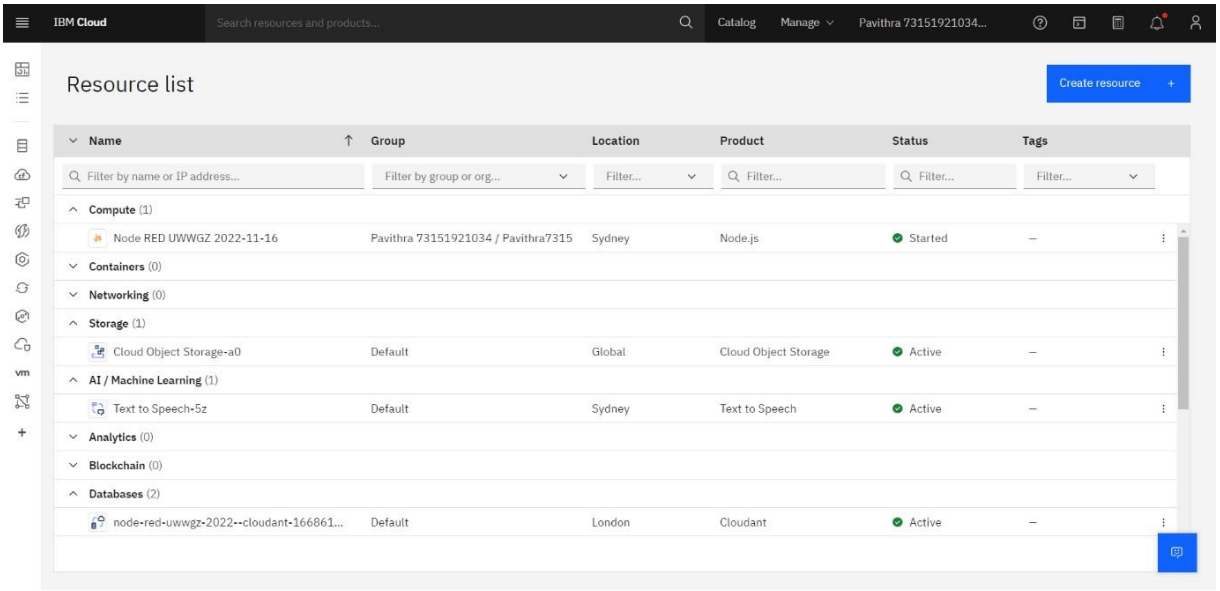
CREATION OF NODES FOR THE WORKFLOW:



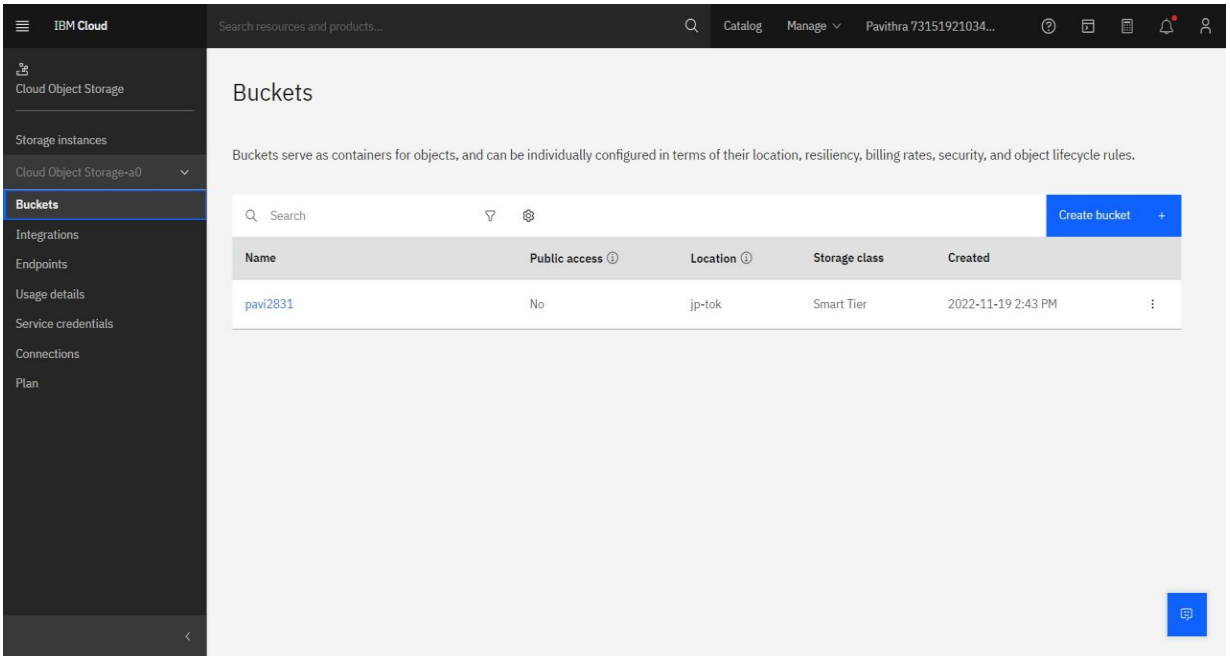
3) CLOUDANT CREATION:



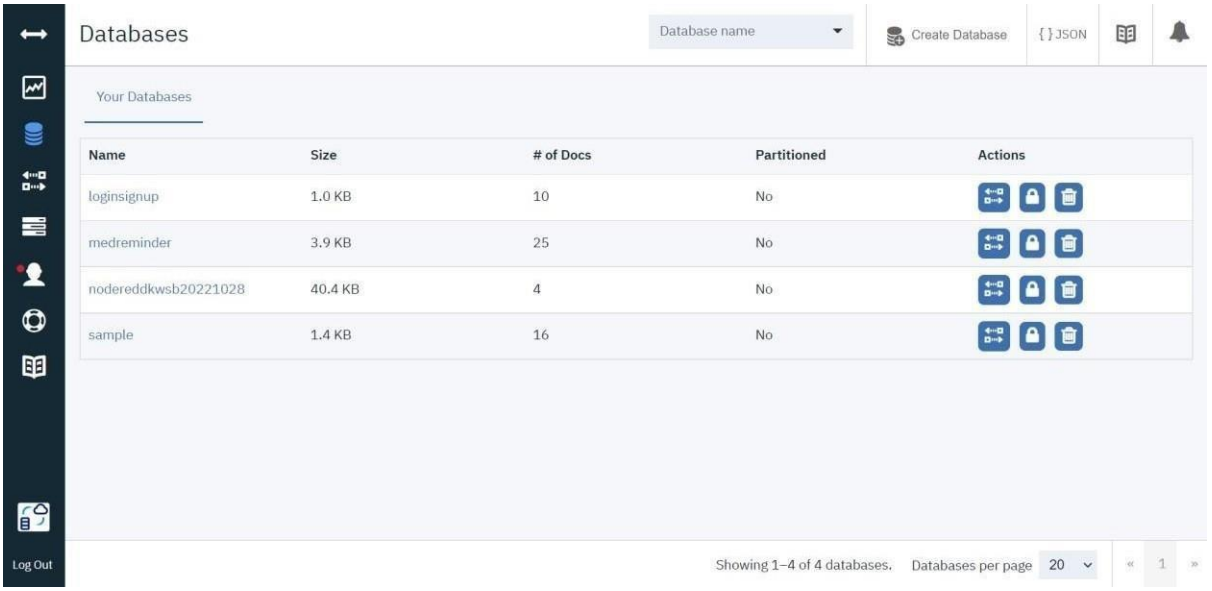
BUCKET CREATION:



❖ Here we created an bucket in as cloud object storage for our project.

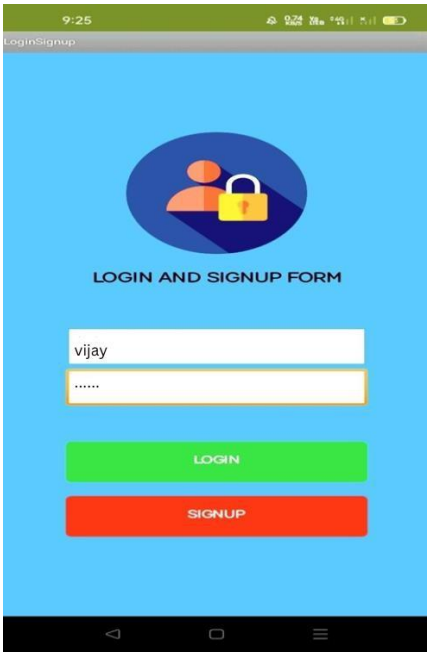


4) DATABASE CREATION:

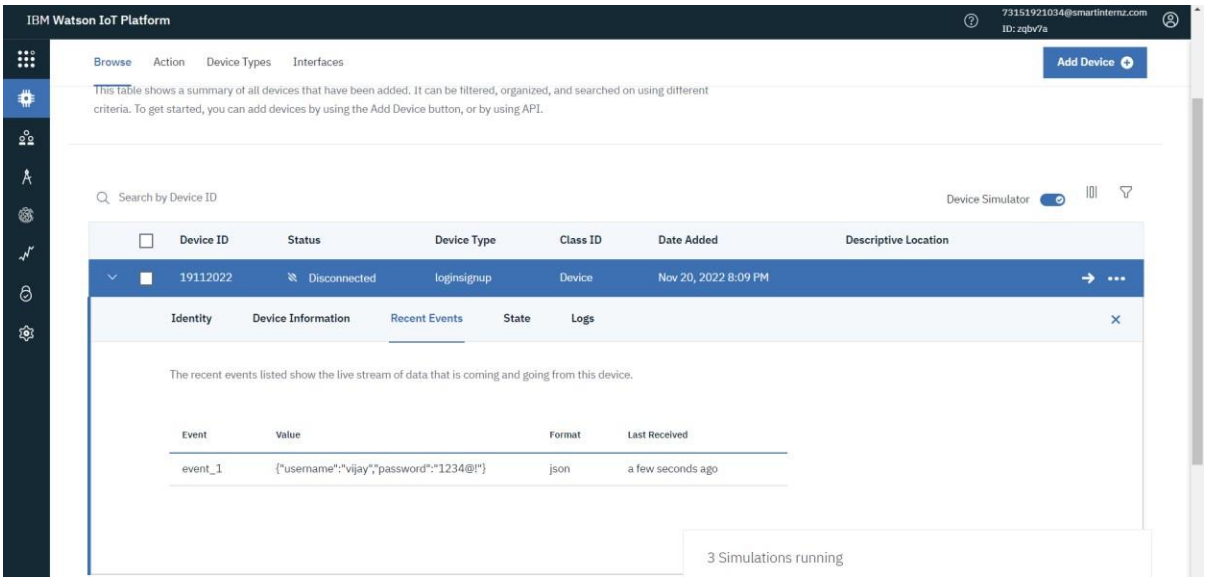


FINAL EXECUTION:

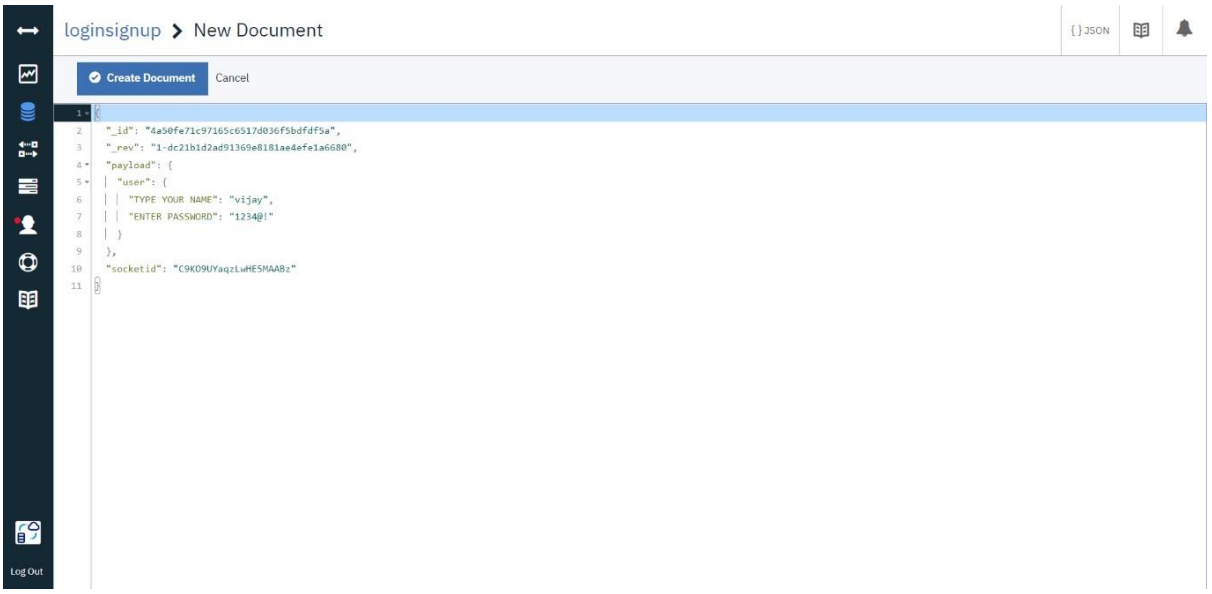
- ❖ When the user enters the login credentials, it gets stored in db.
- ❖ After successful login user get redirected to the homescreen.



❖ The data are getting coming in the IOT device platform.



❖ Now, we can see the data are getting stored in DB.



RESULT:

At the end of the sprint 2, we created the software for our project and tested successfully…!