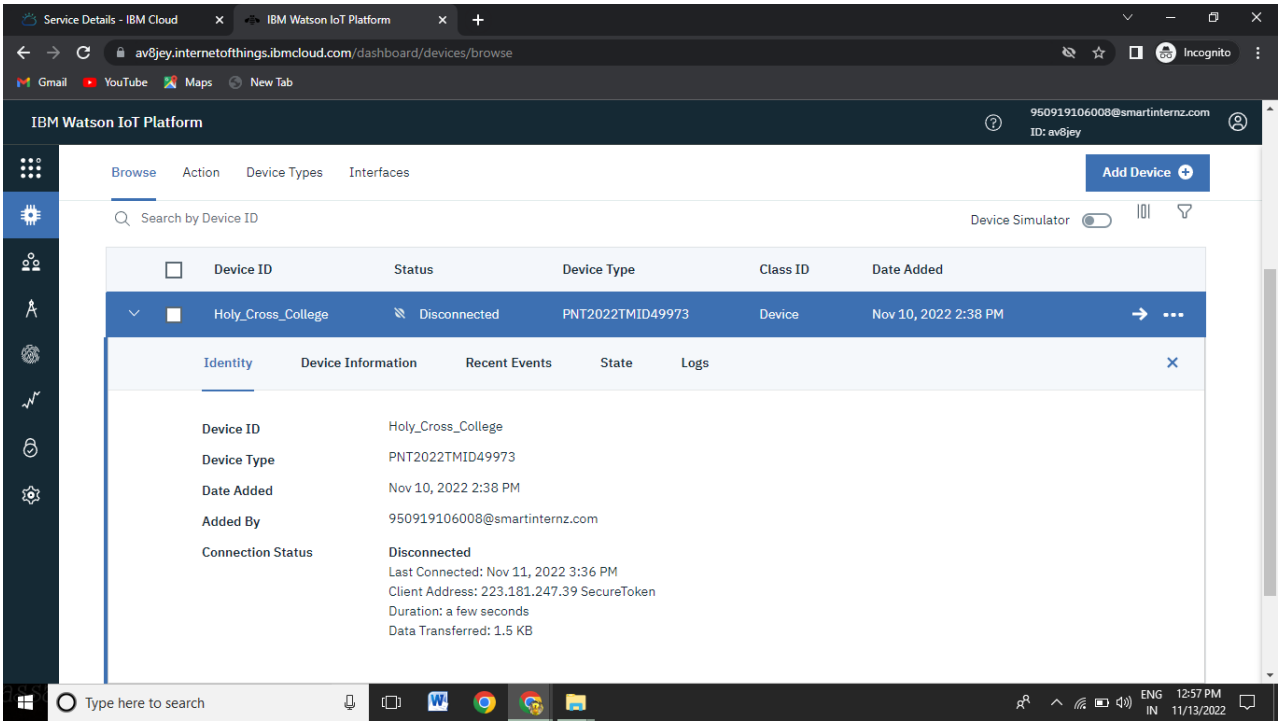
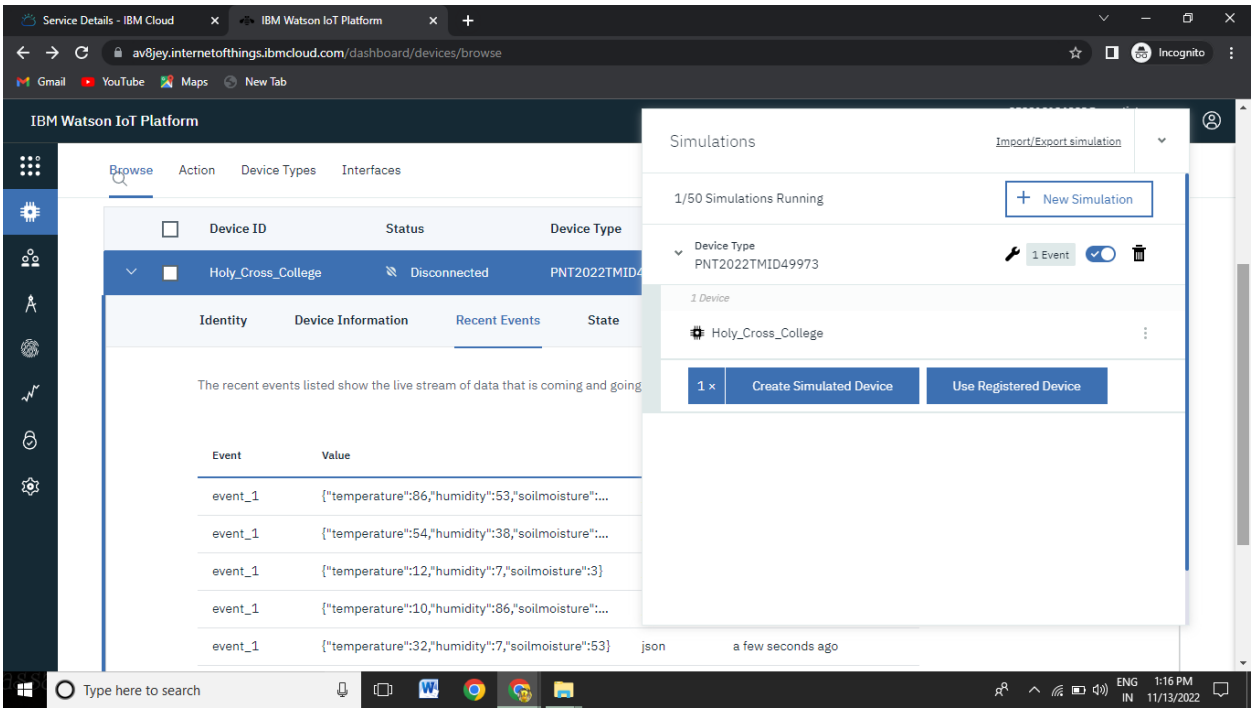
TEAM ID	PNT2022TMID49973
PROJECT NAME	Smartfarmer – IoT Enabled Smart Farming Application
TEAM MEMBERS	Jenitaa Sharon (TL), Jency, Jeya, Josephine Florence

To create web application using node-red consider the following steps

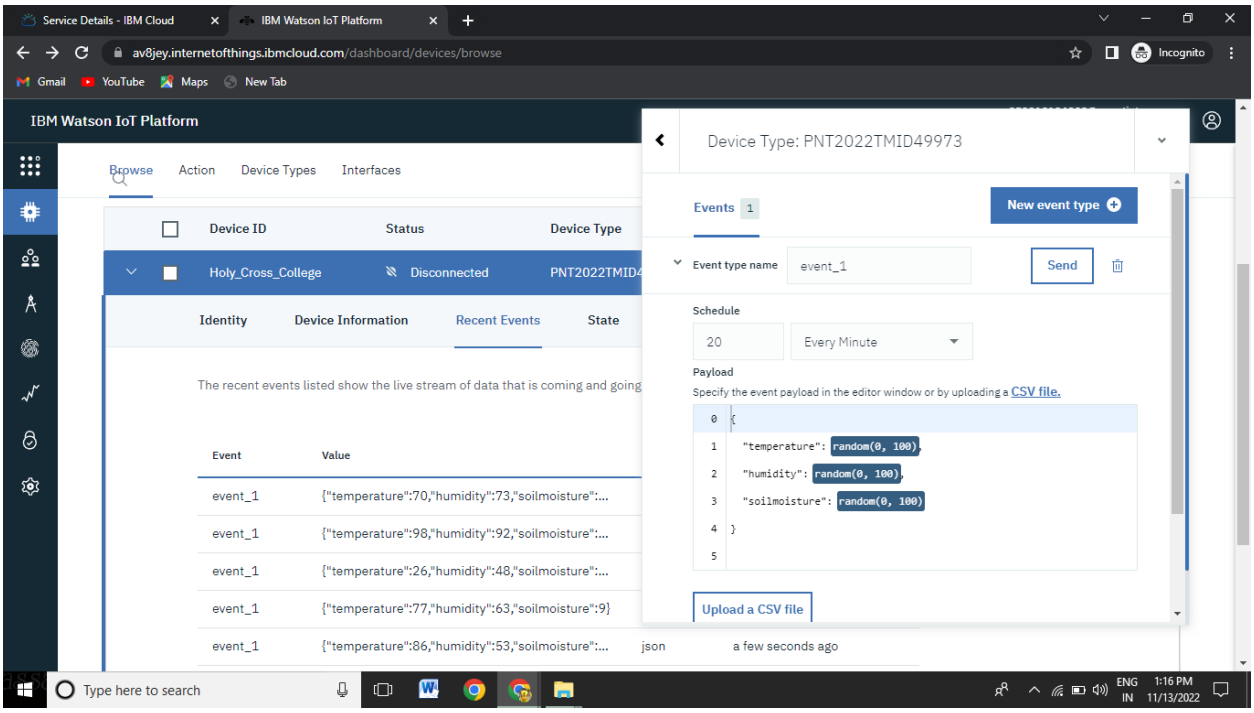
1. CREATE NEW DEVICE ON IBM IoT PLATFORM



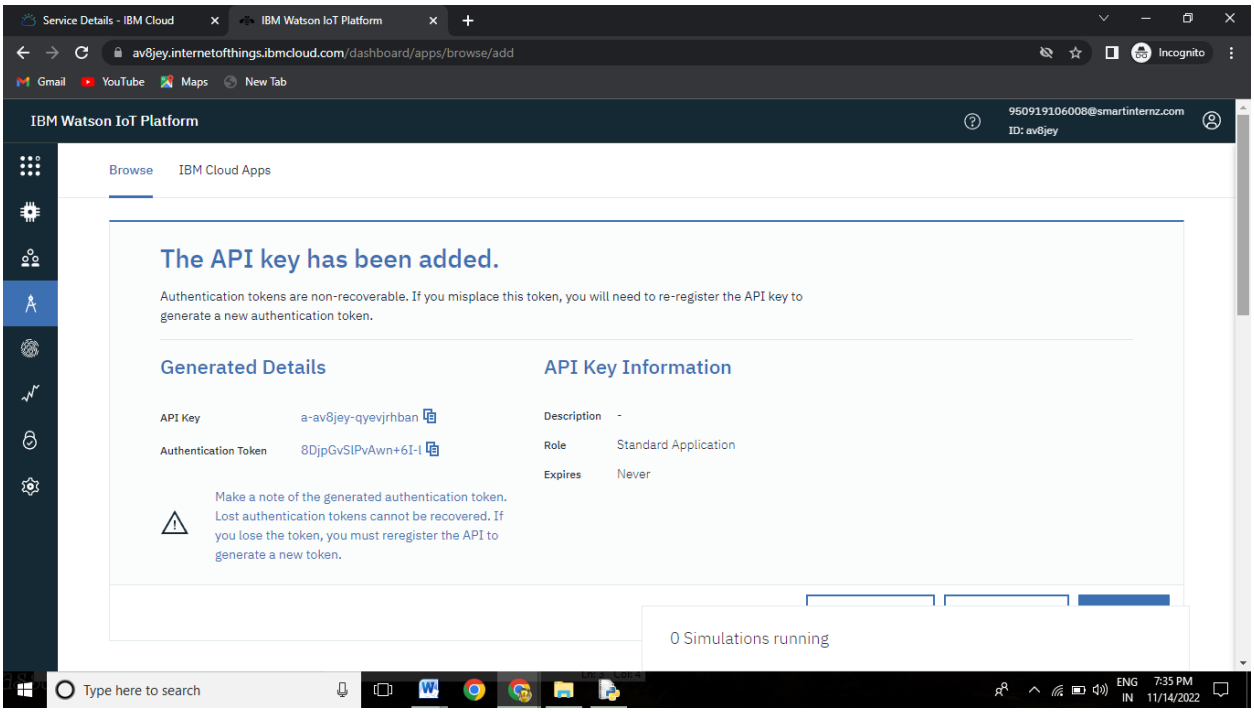
2. CREATE NEW SIMULATION



3. CREATE NEW EVENT TYPE BY SPECIFING THE EVENT PAYLOAD

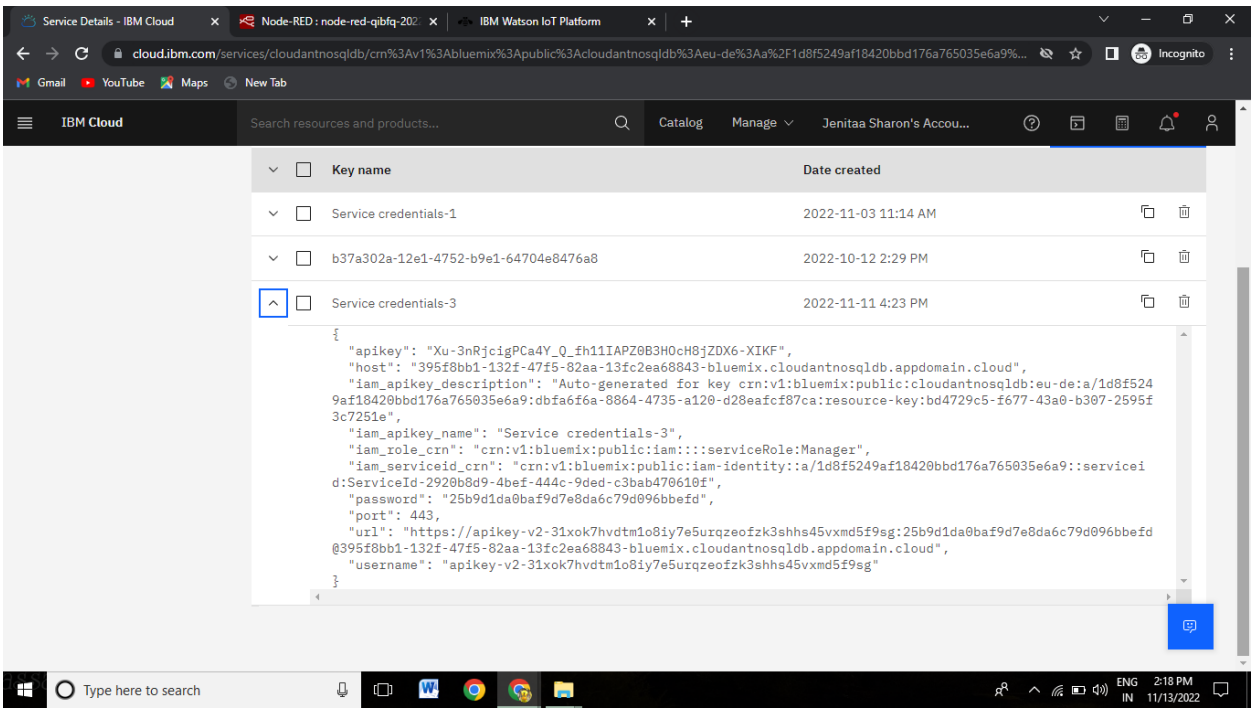


4. GENERATE NEW API KEY



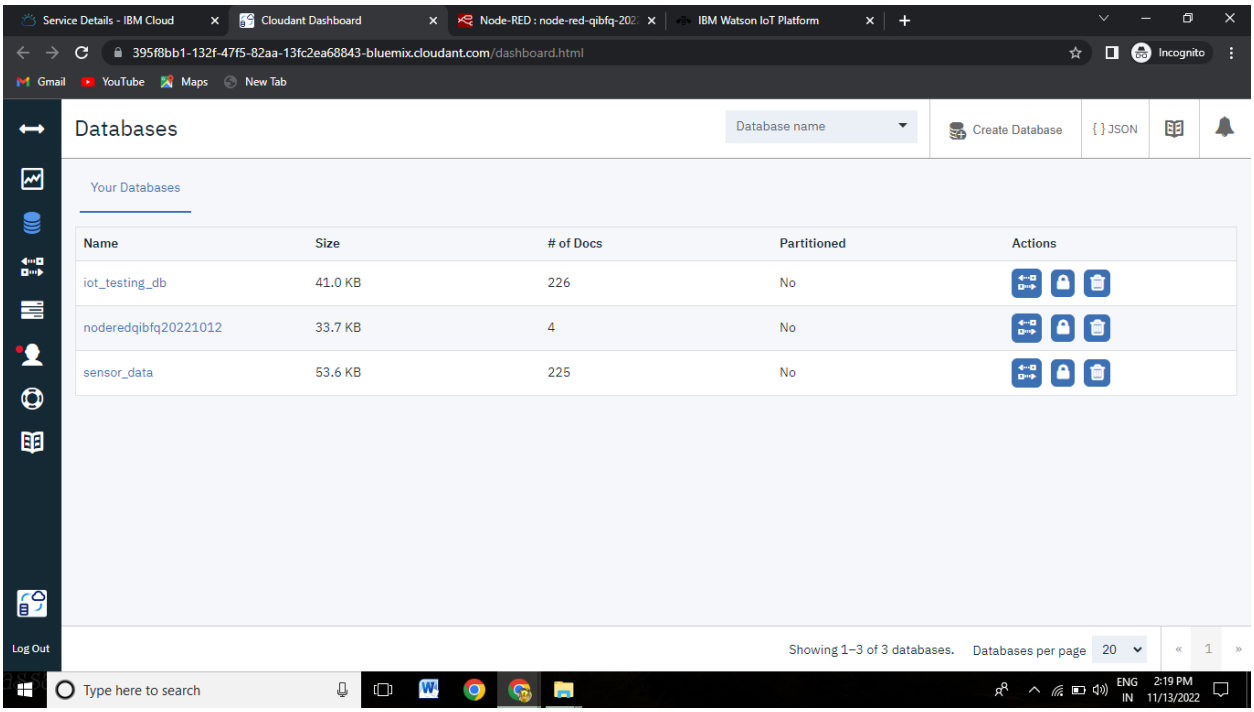
Here note down the API Key and Authentication token for future reference.

5. CREATE NEW SERVICE CREDENTIALS ON CLOUDANT



Note down URL, username and password.

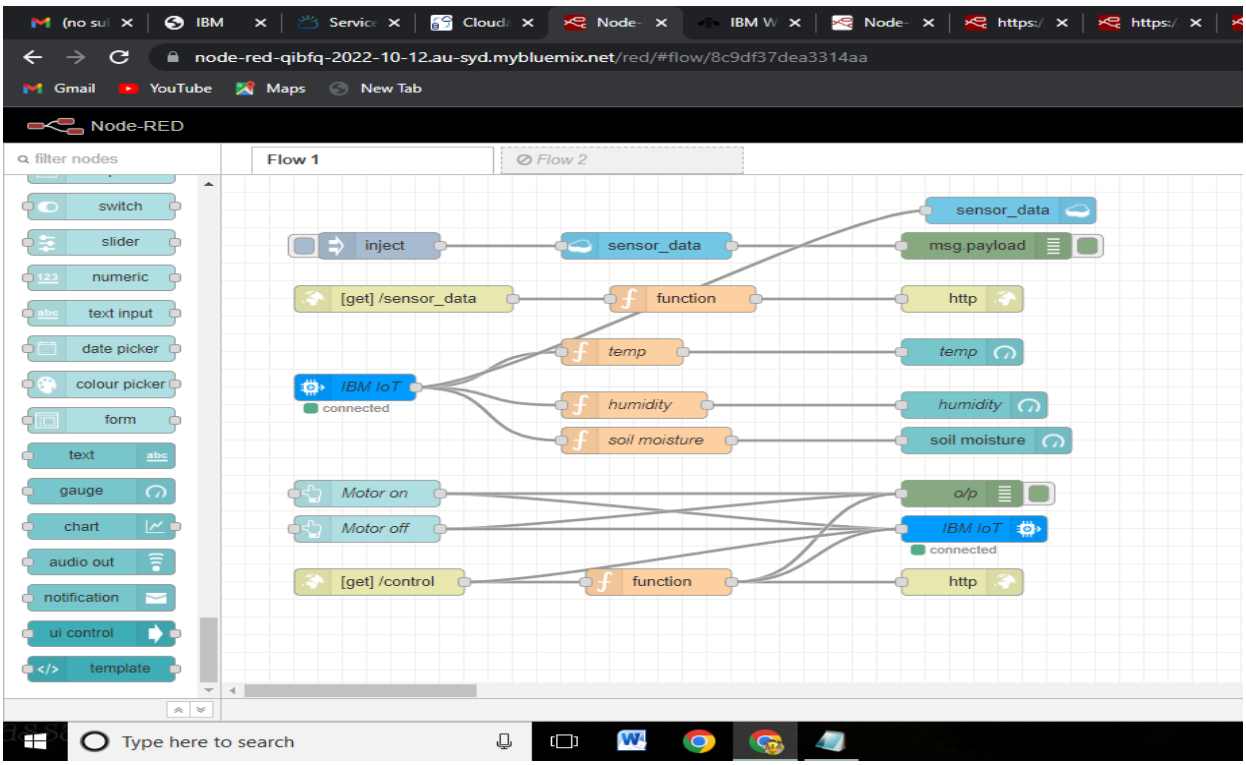
6. CREATE NEW DATA BASE ON CLOUDANT DASHBOARD



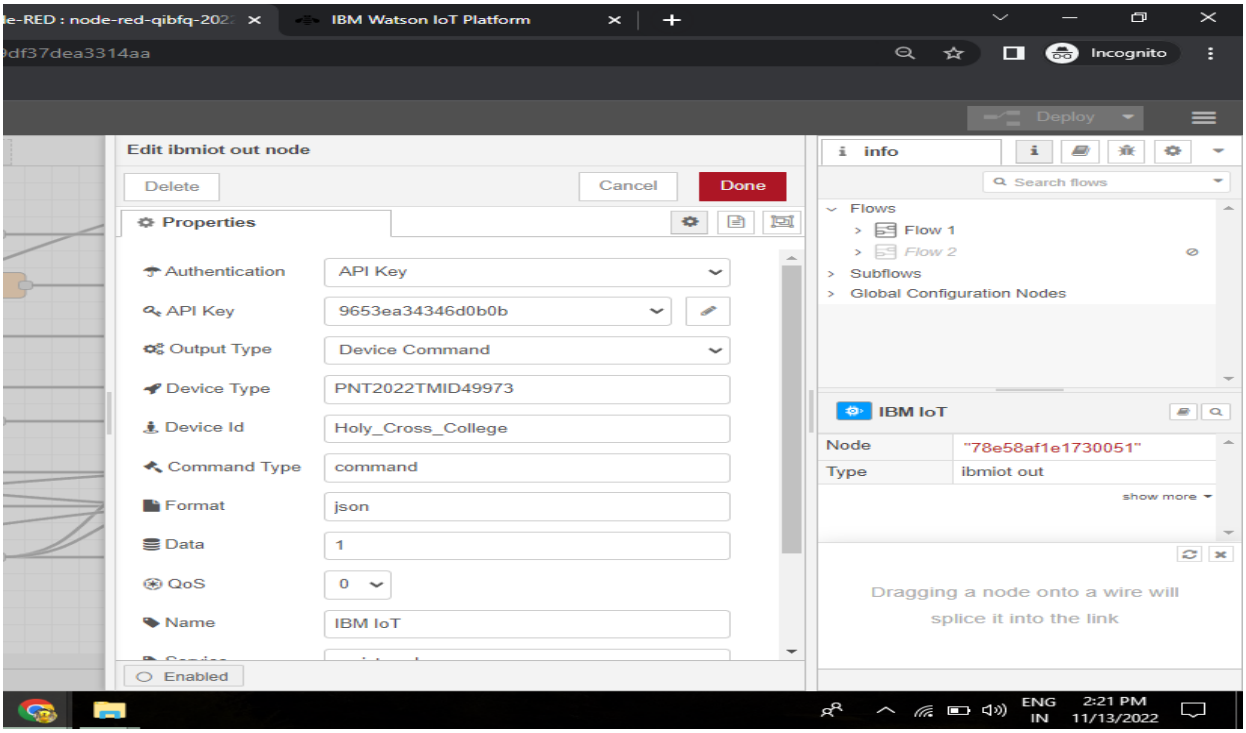
GO TO NODE-RED APP URL

1. MAKE A CORRECT NODE-RED FLOWS FOR ESTABLISHING WEB APPLICATION

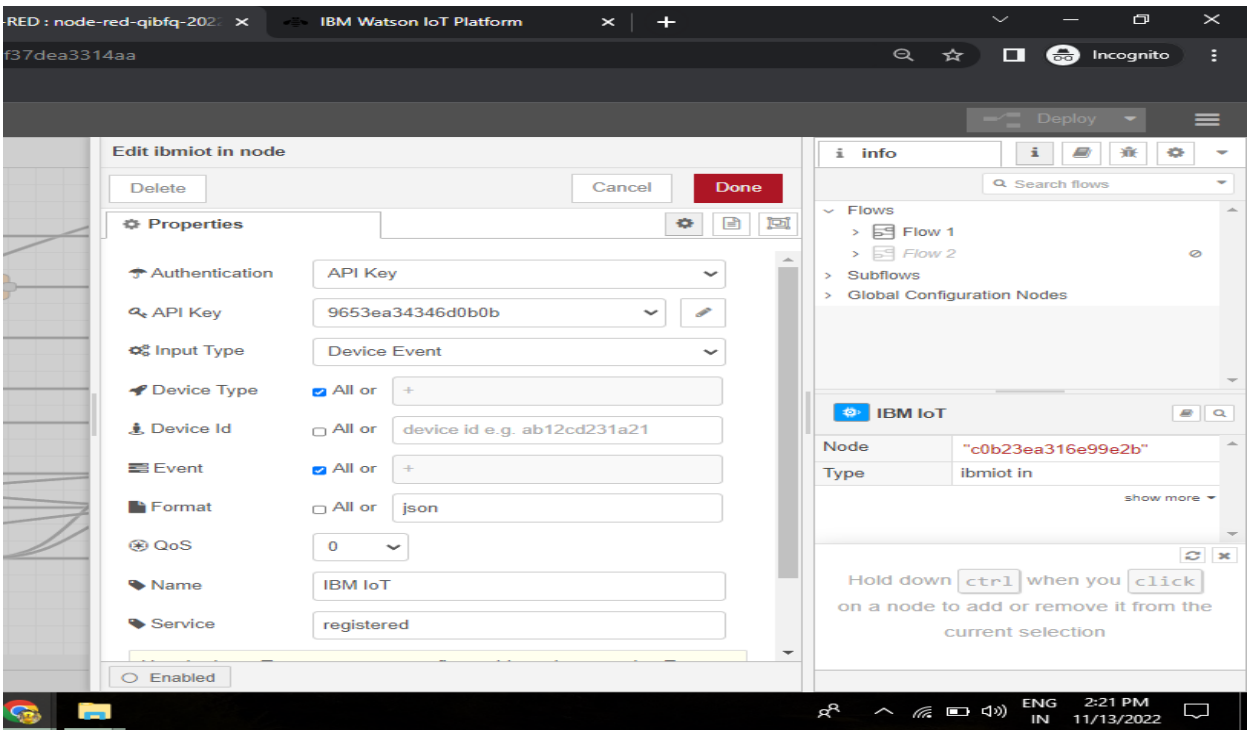
Here use the correct IBM Cloud credentials created on the previous steps for linking the IBM IoT platform to Node-Red.



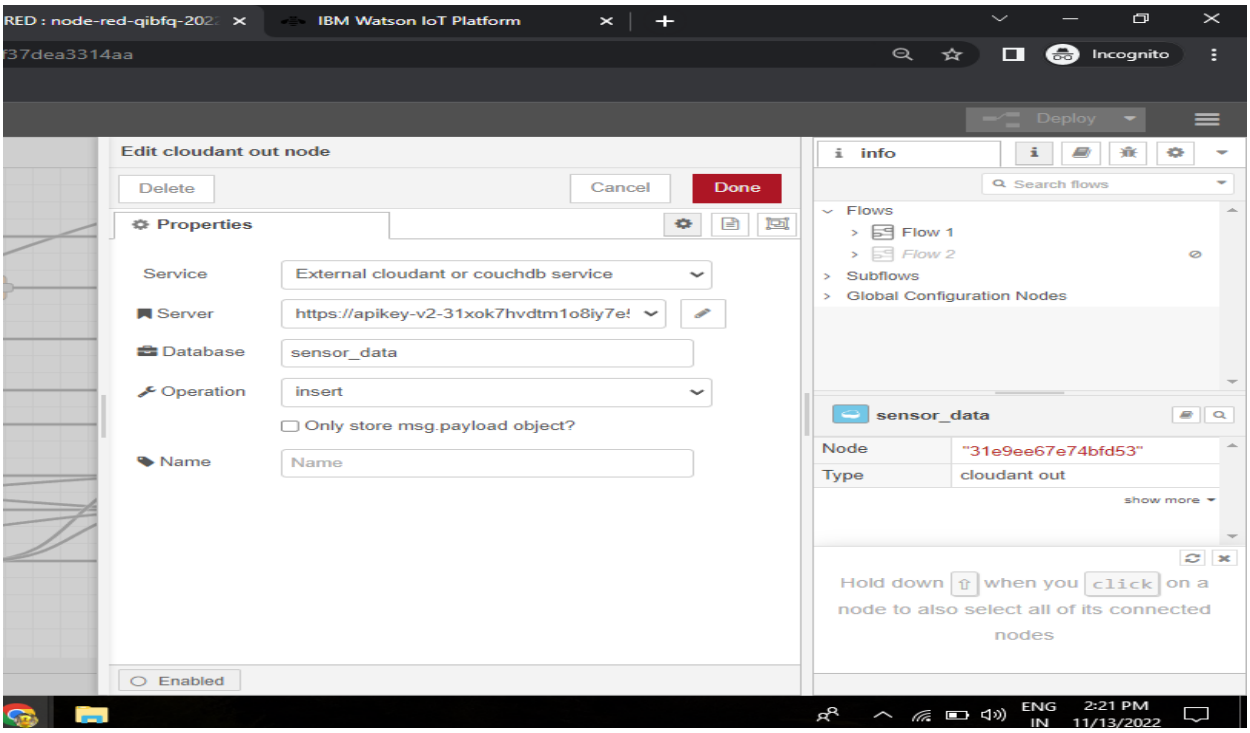
Here give the required details on each nodes used.



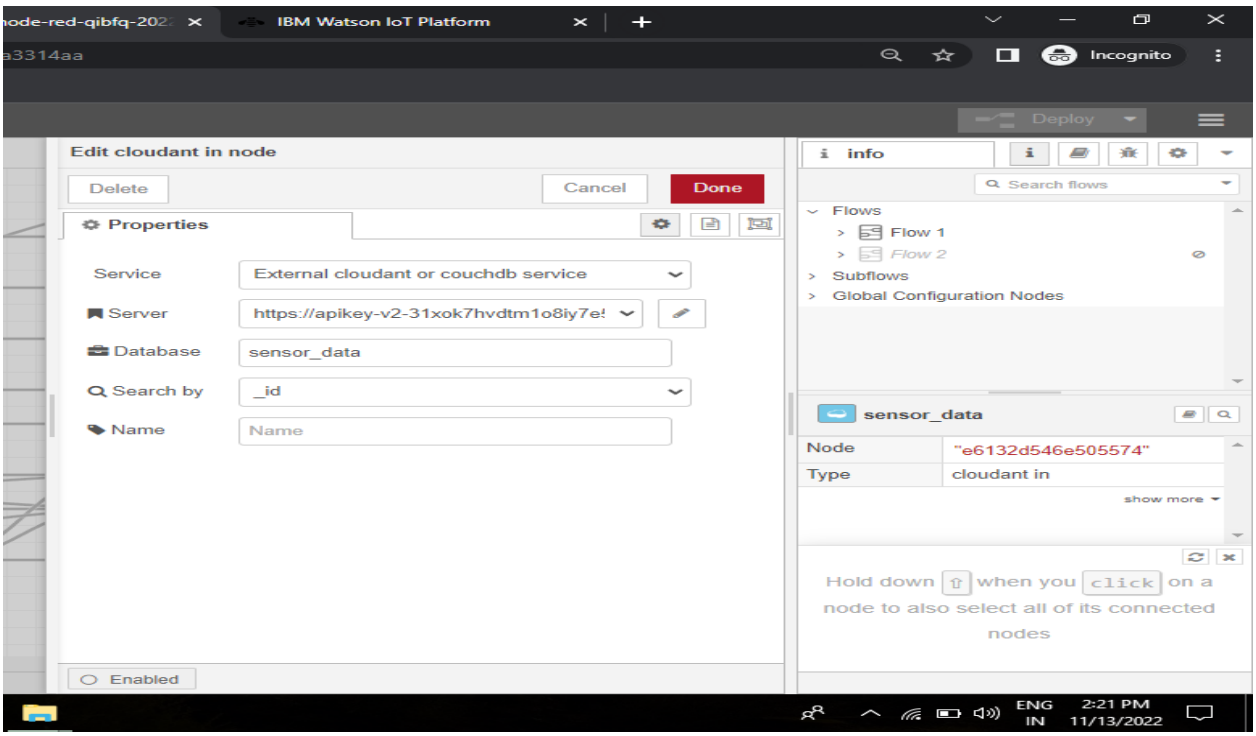
IBMIOT OUT NODE (OUTPUT)



IBMIOT IN NODE (INPUT)



CLOUDANT OUT NODE



CLOUDANT IN NODE

Use http in node and response node to see the publishing result in the UI.

Links to see the publishing results:

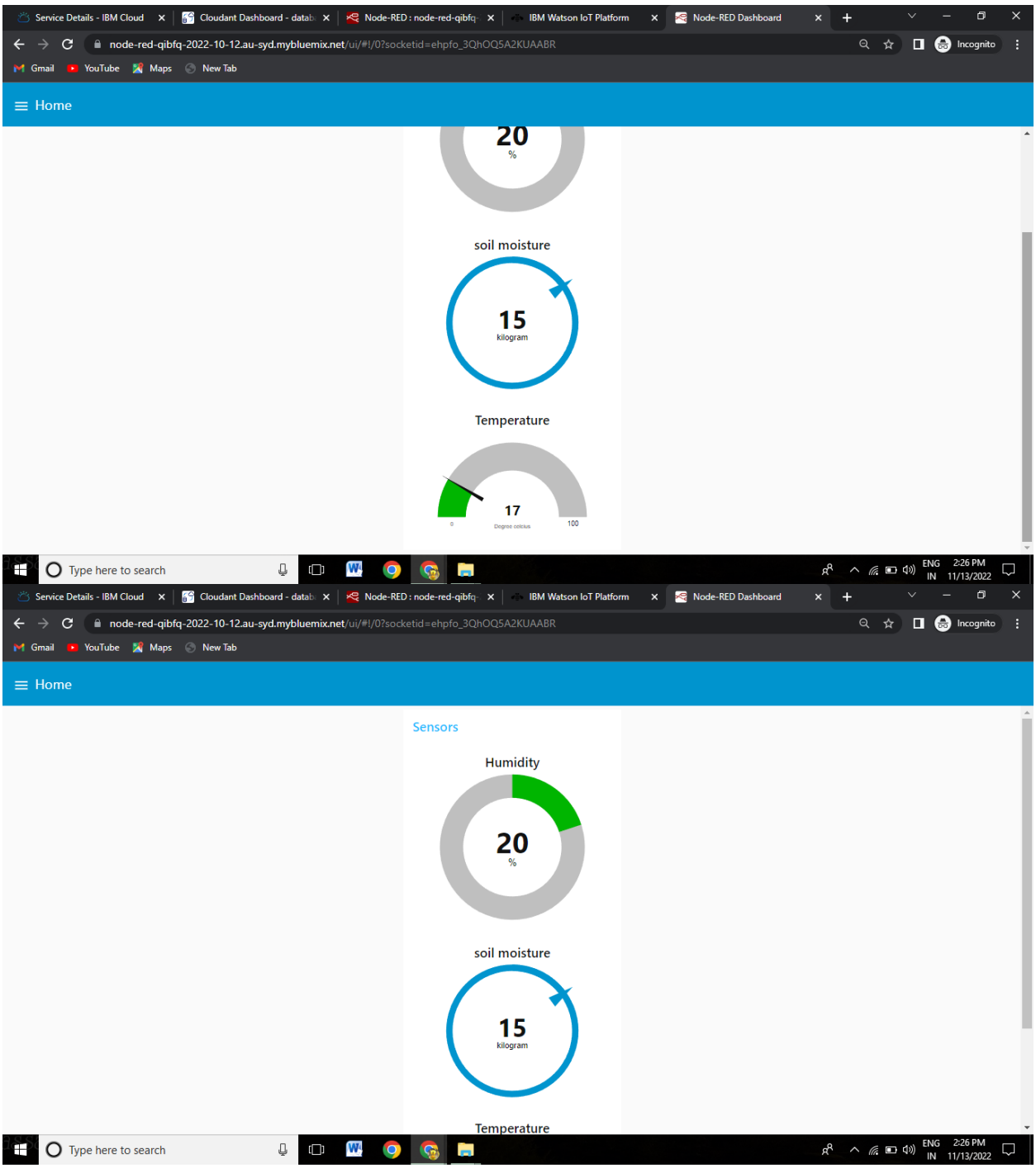
- ✓ https://node-red-qibfq-2022-10-12.au-syd.mybluemix.net/ui/#!/0?socketid=A_WS5bp_ifHANLzEAAA3

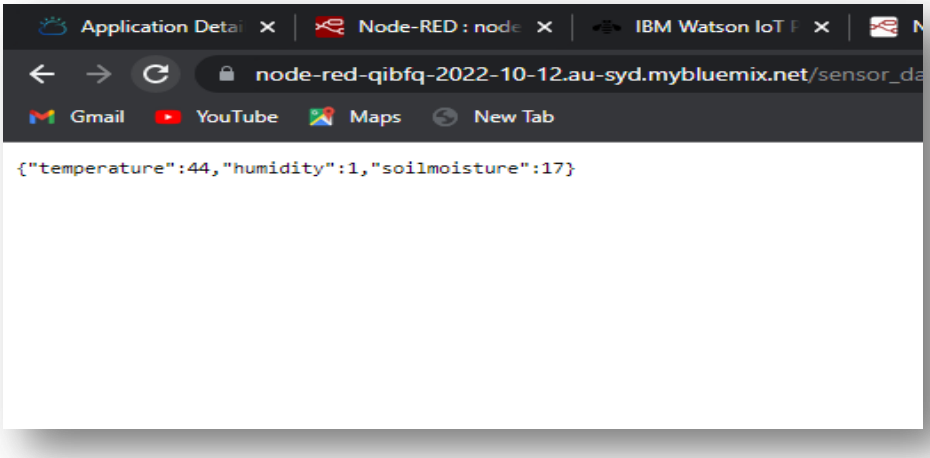
- ✓ https://node-red-qibfq-2022-10-12.au-syd.mybluemix.net/control?command=%22motor%20on%22

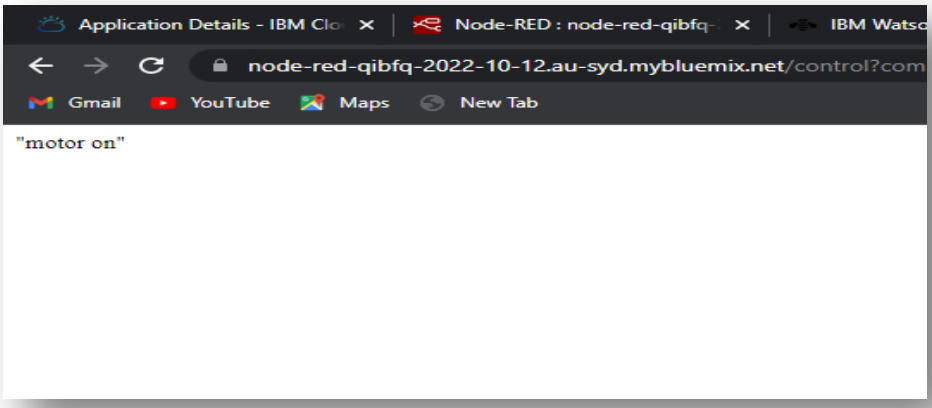
- ✓ https://node-red-qibfq-2022-10-12.au-syd.mybluemix.net/control?command=%22motor%20off%22

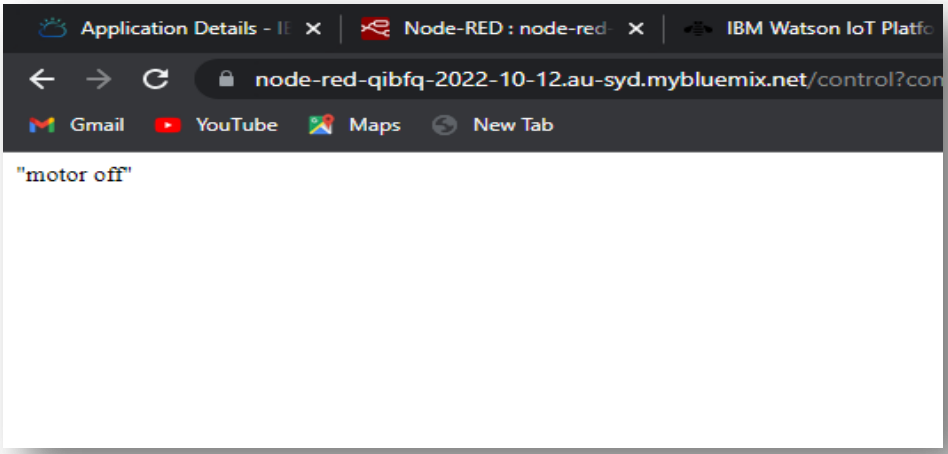
- ✓ https://node-red-qibfq-2022-10-12.au-syd.mybluemix.net/sensor_data

SPRINT 3 - DEVELOPMENT OF WEB APPLICATION USING NODE RED









Thus the web application is created using node-red