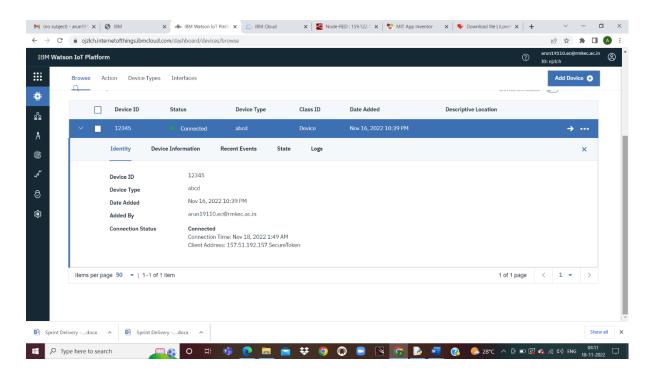
## SmartFarmer - IoT Enabled Smart Farming Application Project Development Phase – Sprint 2

## **IBM Watson IOT Platform**

Create a device



Organization ID - ojzlch

**Device Type - abcd** 

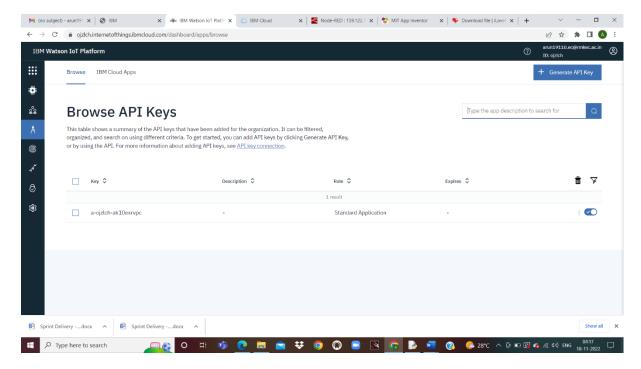
**Device ID - 12345** 

**Authentication Method - use-token-auth** 

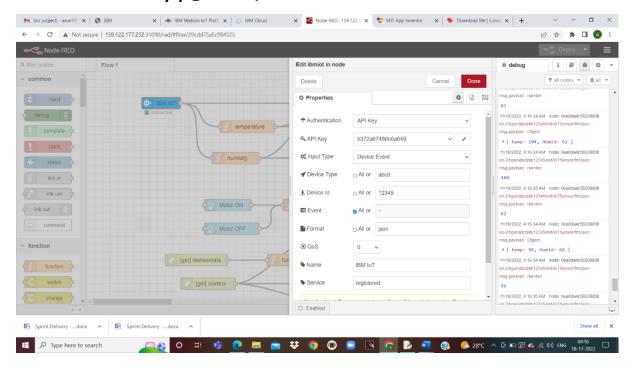
Authentication Token - 12345678

## Configuration of Node-Red to collect IBM cloud data

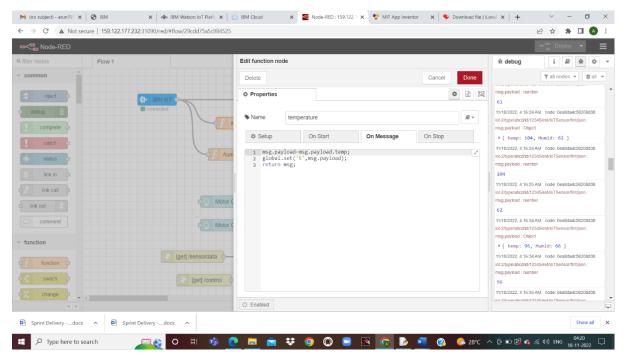
Generate API Key in IBM Watson platform



- API key a-ojzlch-ak10exrvpc
- API token 9ytp@m&GQxWYIs5J2h



- The node IBM IoT App In is added to Node-Red workflow. Then the appropriatedevice credentials obtained earlier are entered into the node to connect and fetch device telemetry to Node red.
- Once it is connected Node-Red receives data from the deviceDisplay the data using debug node for verification Connect function node and write the Java script code to get each readingseparately.



- The Java script code for the function node is: msg.payload=msg.payload.d.temperature; returnmsg;
- Finally connect Gauge nodes from dashboard to see the data in UI.

