SPRINT 2

Date	10 November 2022
Team ID	PNT2022TMID36144
Project Name	Smart Farmer- IOT Enabled Smart Farming Application

Task:

Create Device in the iot Watson platform, workflow for iot scenarios using node-red

Step 1:

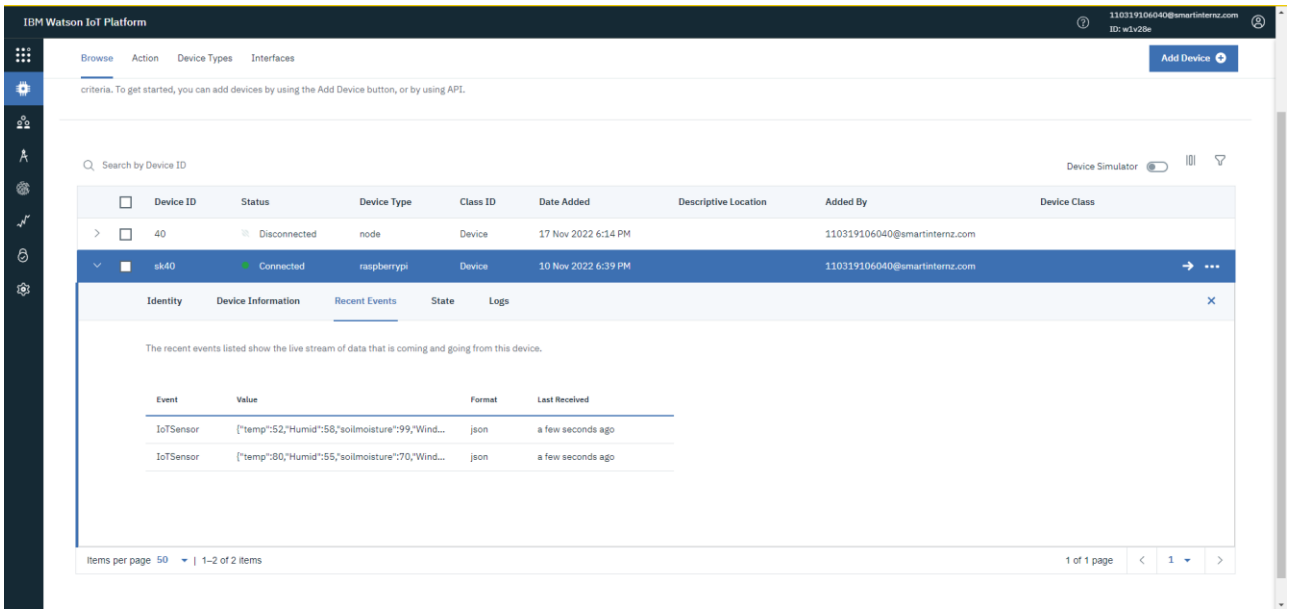
Create Device in IBM Watson platform,

organization = "w1v28e"

deviceType = "raspberrypi"

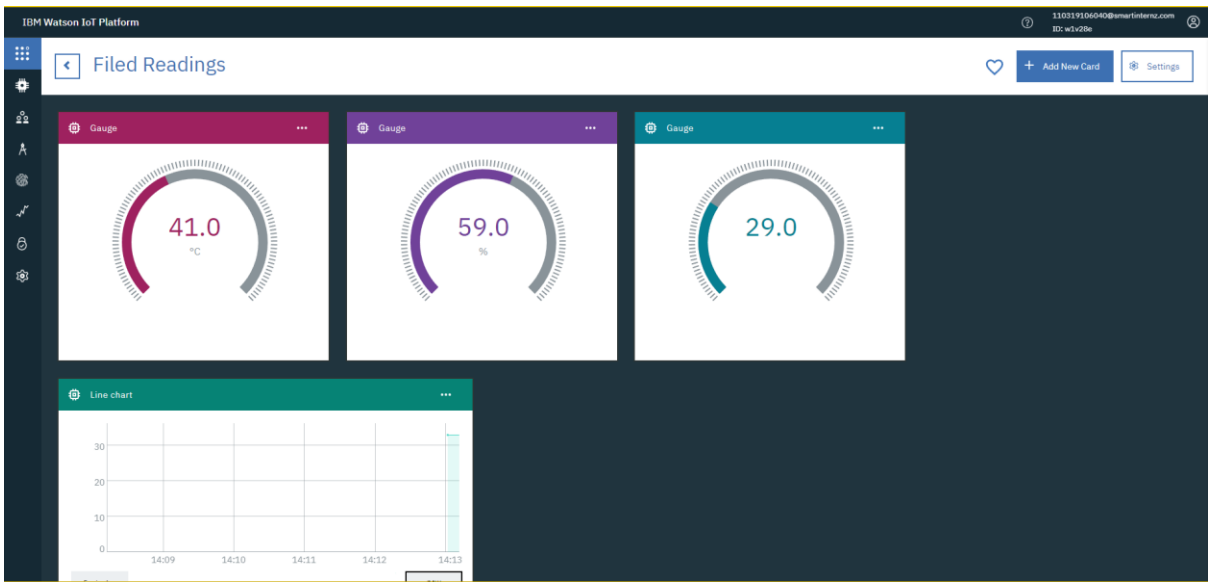
deviceId = "sk40"

authToken = "110319106040"



Step 2:

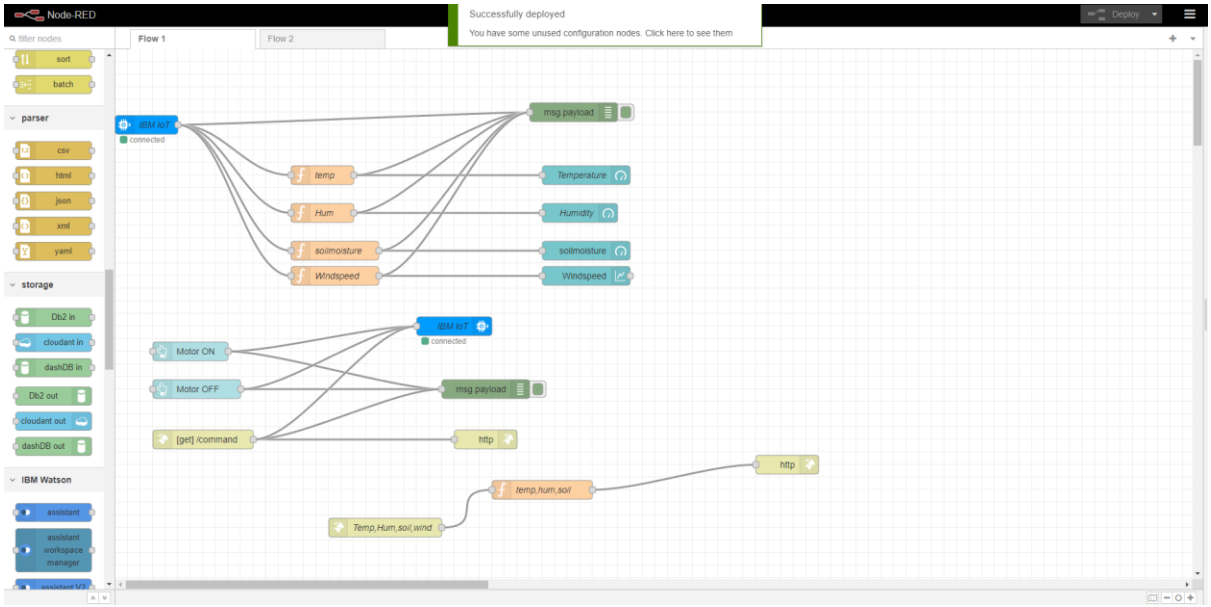
Add cards in IBM Watson Iot platform for the web UI



Step 3:

Create the node-RED app and assign the flow and connect ibm cloud with help of APi key

And connect the ibm cloud to node-RED



Writhing function in the flow and connected,

msg.payload = msg.payload.temp

global.set("t",msg.payload)

return msg;

msg.payload = msg.payload.Hum

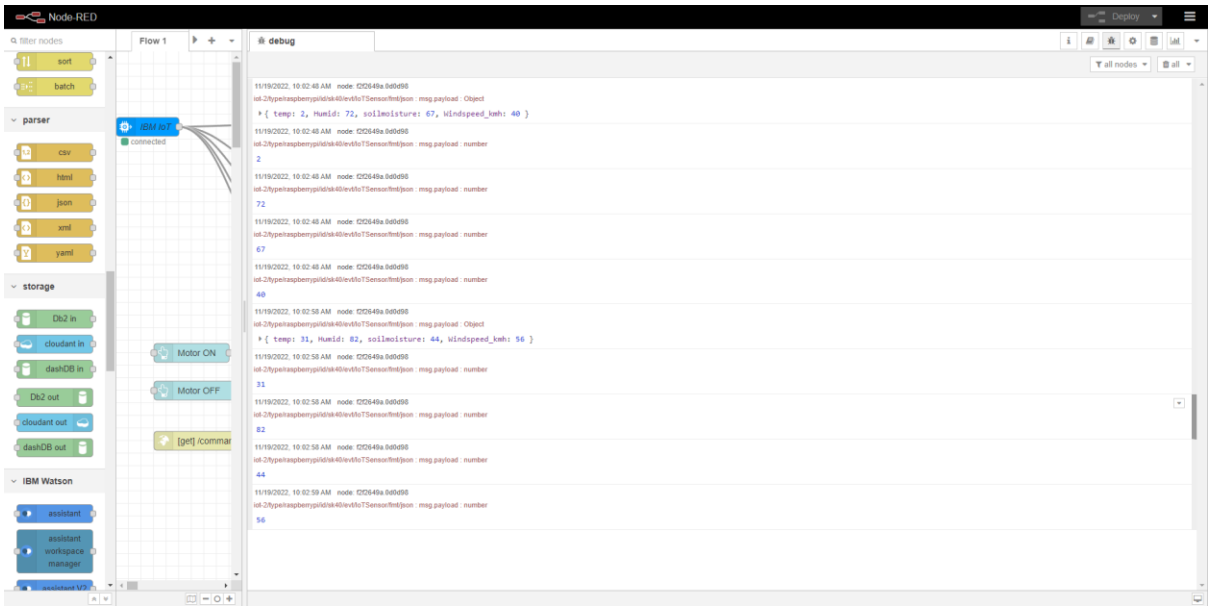
global.set("h",msg.payload)

return msg;

msg.payload = msg.payload. soilmoisture

global.set("s",msg.payload)

return msg;



Web UI: