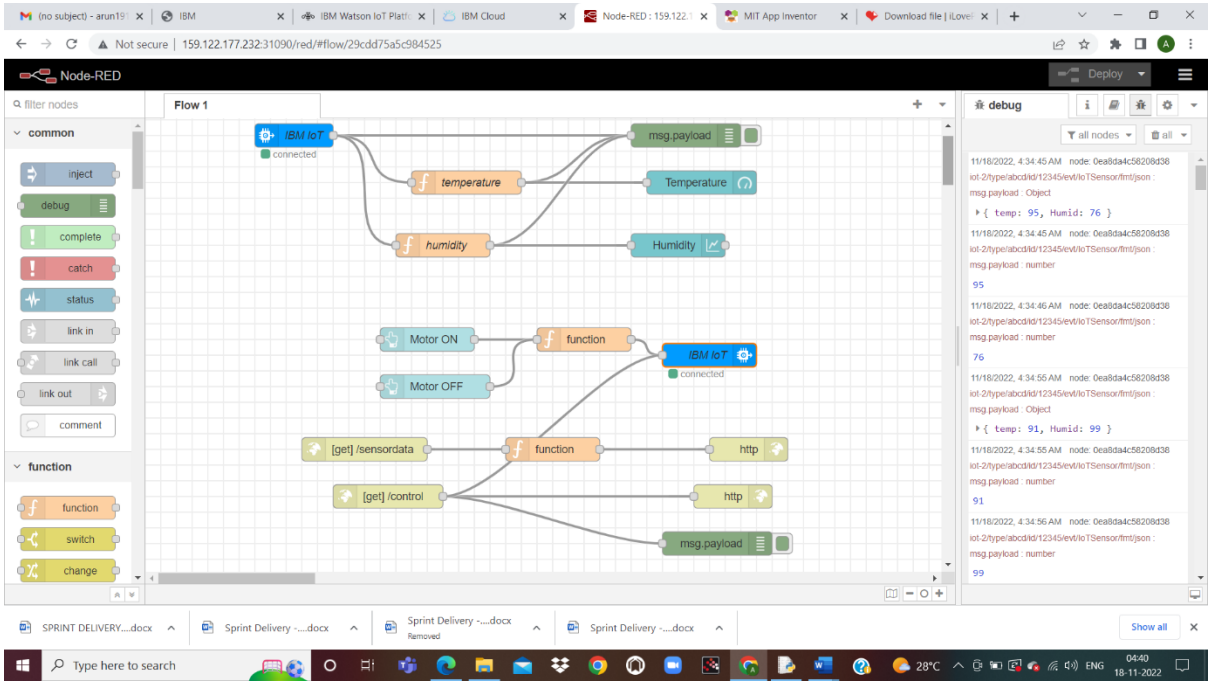
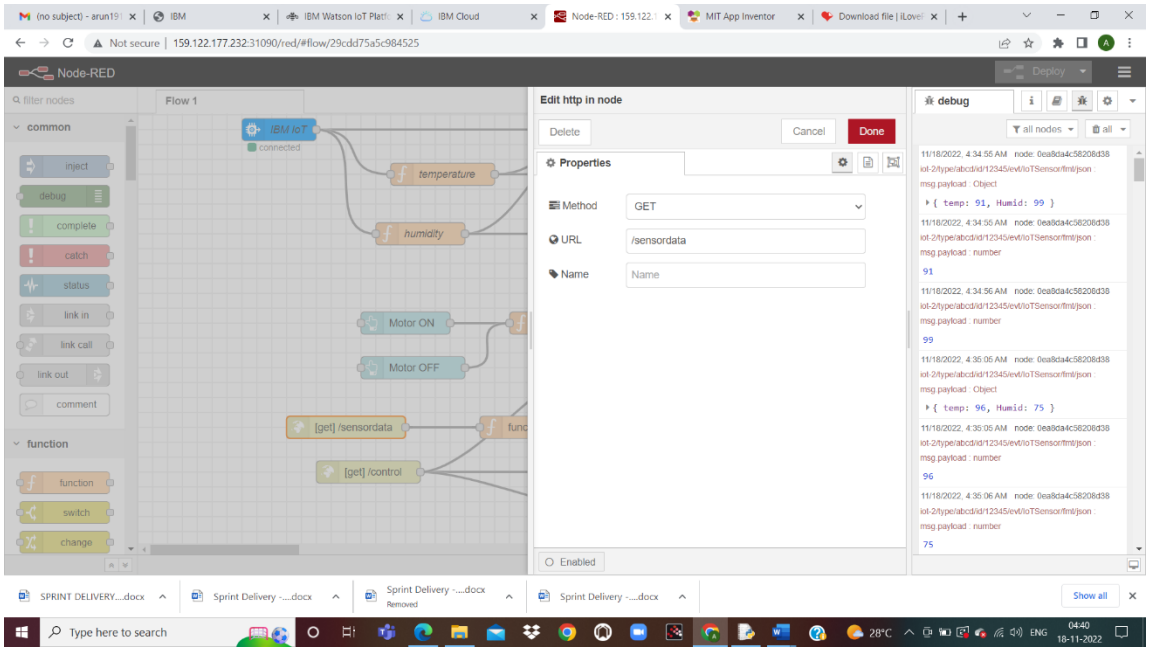
SmartFarmer - IoT Enabled Smart Farming Application

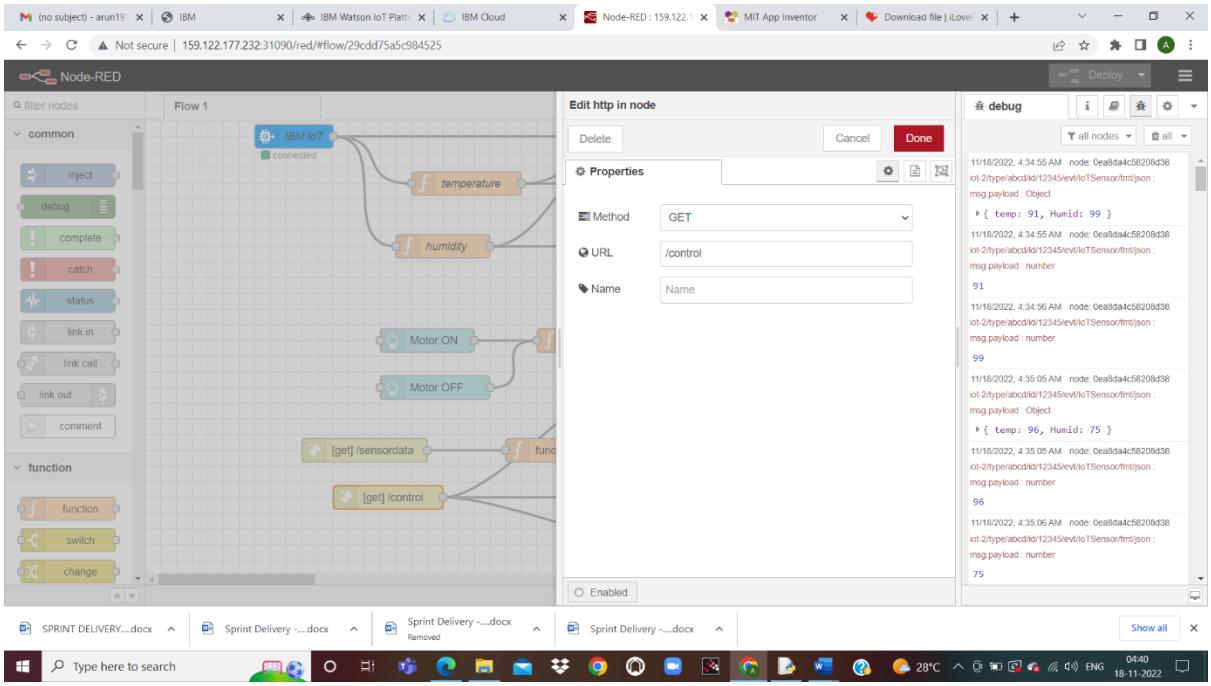
Project Development Phase – Sprint 3

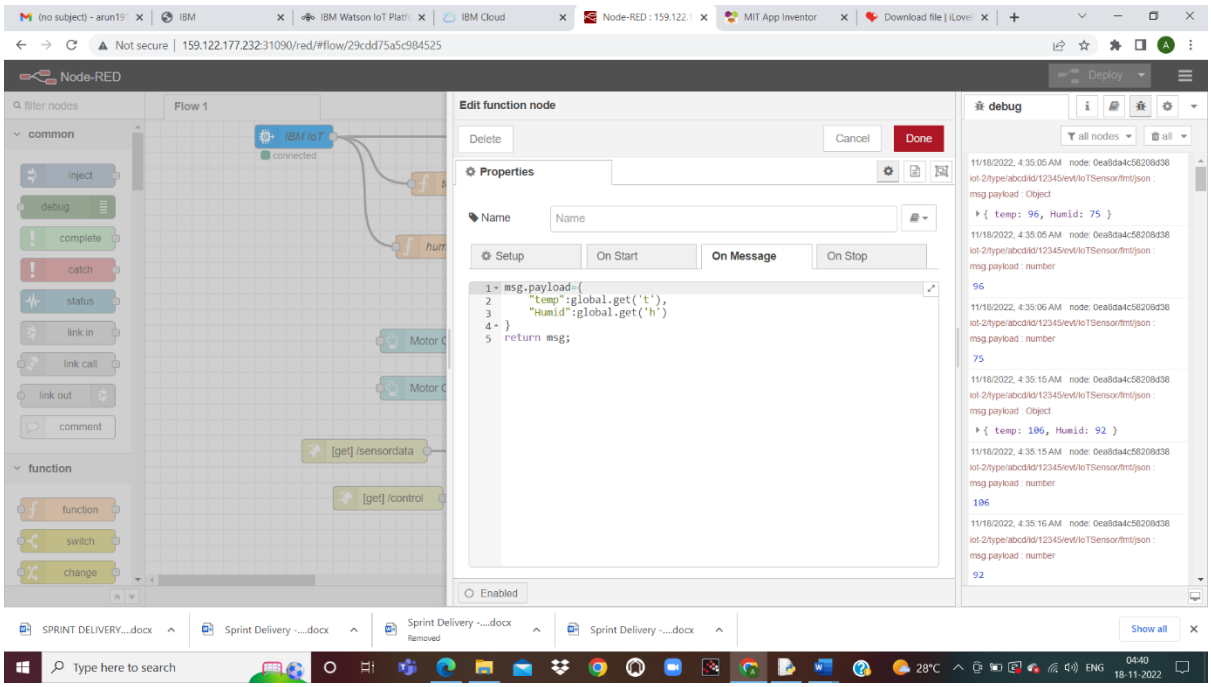
Configuration of Node-Red to send commands to IBM cloud

ibmiot out node is used to send data from Node-Red to IBM Watsondevice. So, after adding it to the flow we need to configure it with credentials of our Watson device.

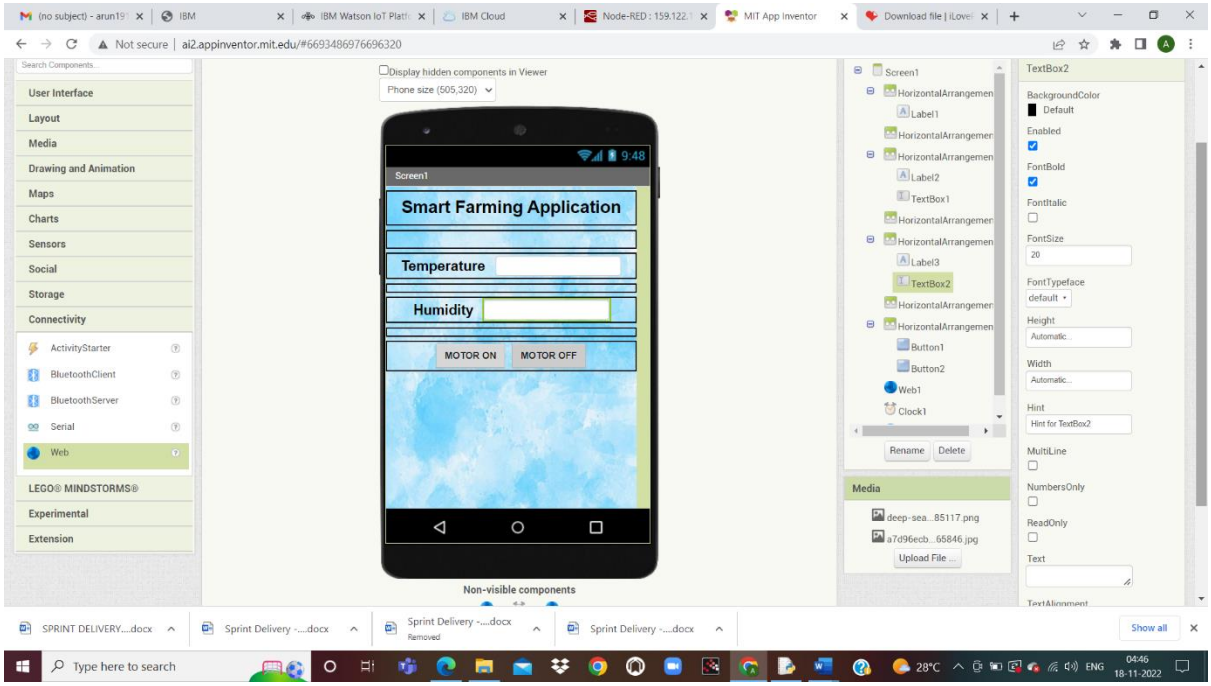


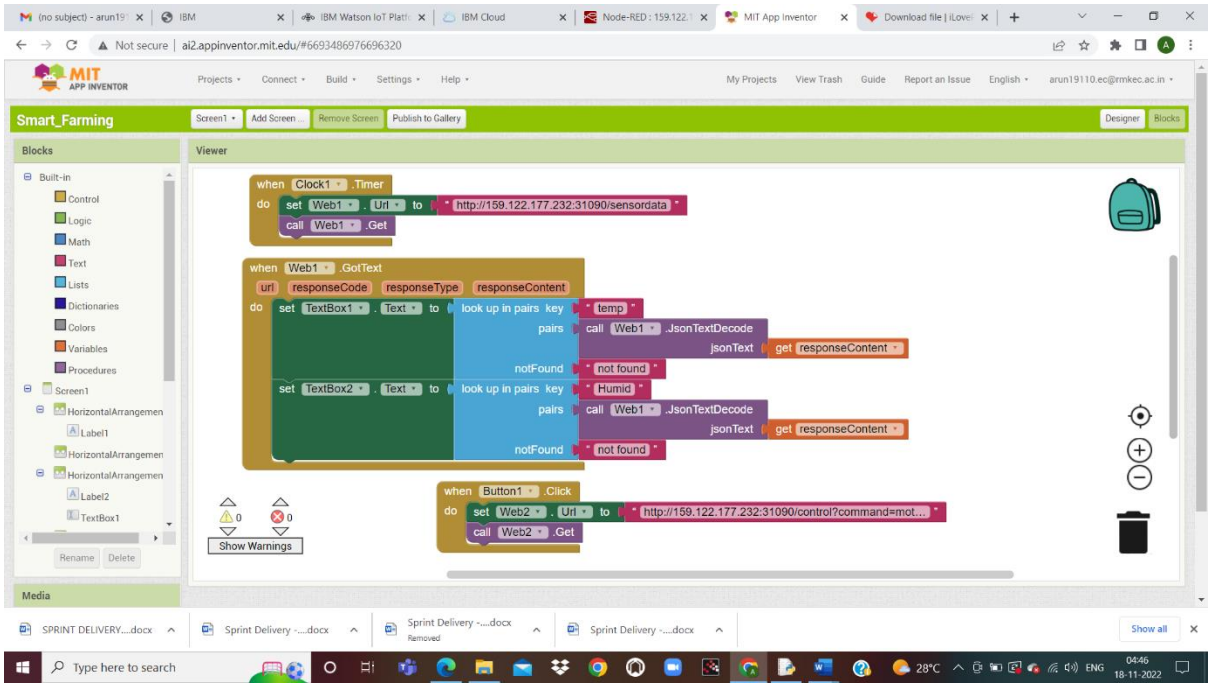



Node-RED
Flow 1
Edit http in node
Delete
Cancel
Done
Properties
Method
GET
URL
/control
Name
Enabled
debug
IBM IoT
temperature
humidity
Motor ON
Motor OFF
[get] /sensordata
[get] /control


Node-RED
Flow 1
Edit function node
Delete
Cancel
Done
Properties
Name
Setup
On Start
On Message
On Stop
msg.payload={
"temp":global.get('t'),
"Humid":global.get('h')
}
return msg;
Enabled
debug
IBM IoT
[get] /sensordata
[get] /control

Create an application in MIT Inventor App





Build an android apk and download it an android mobile phone