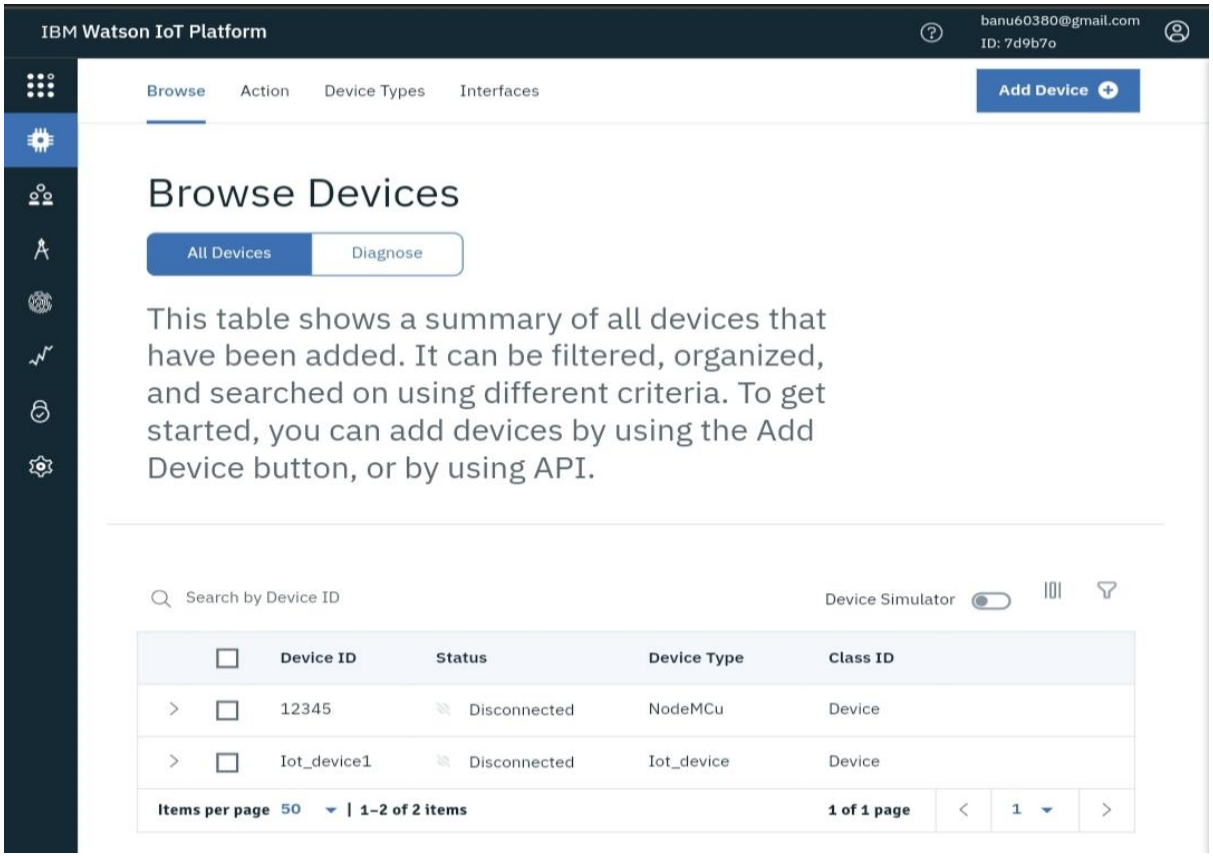
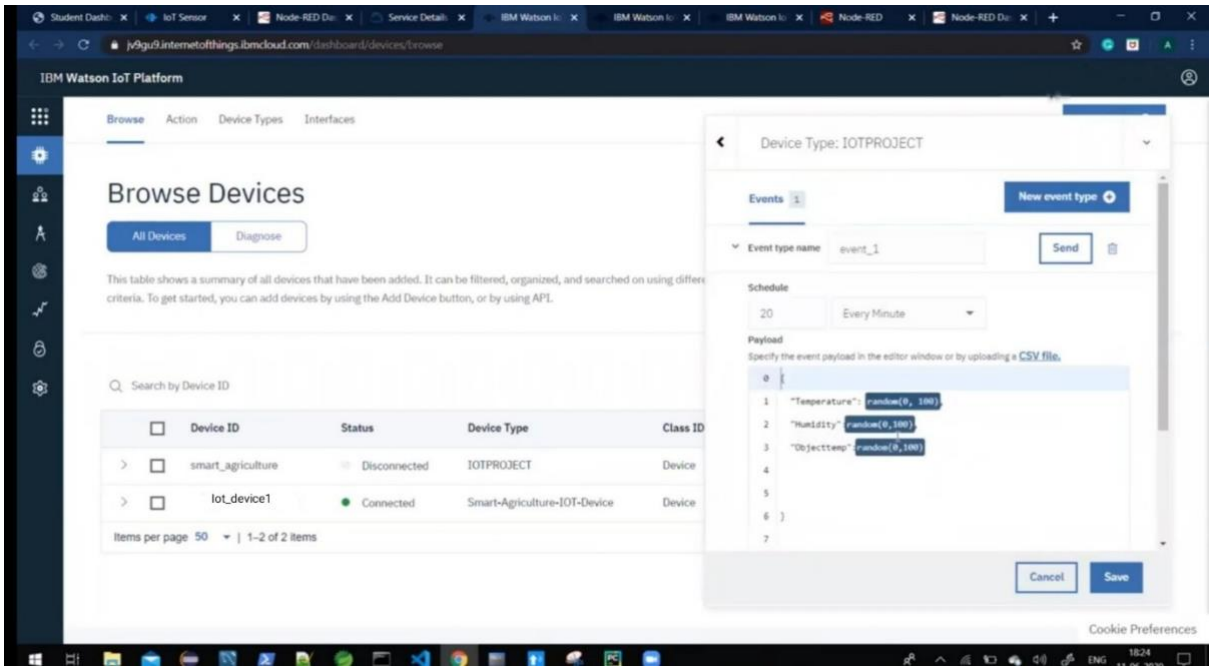
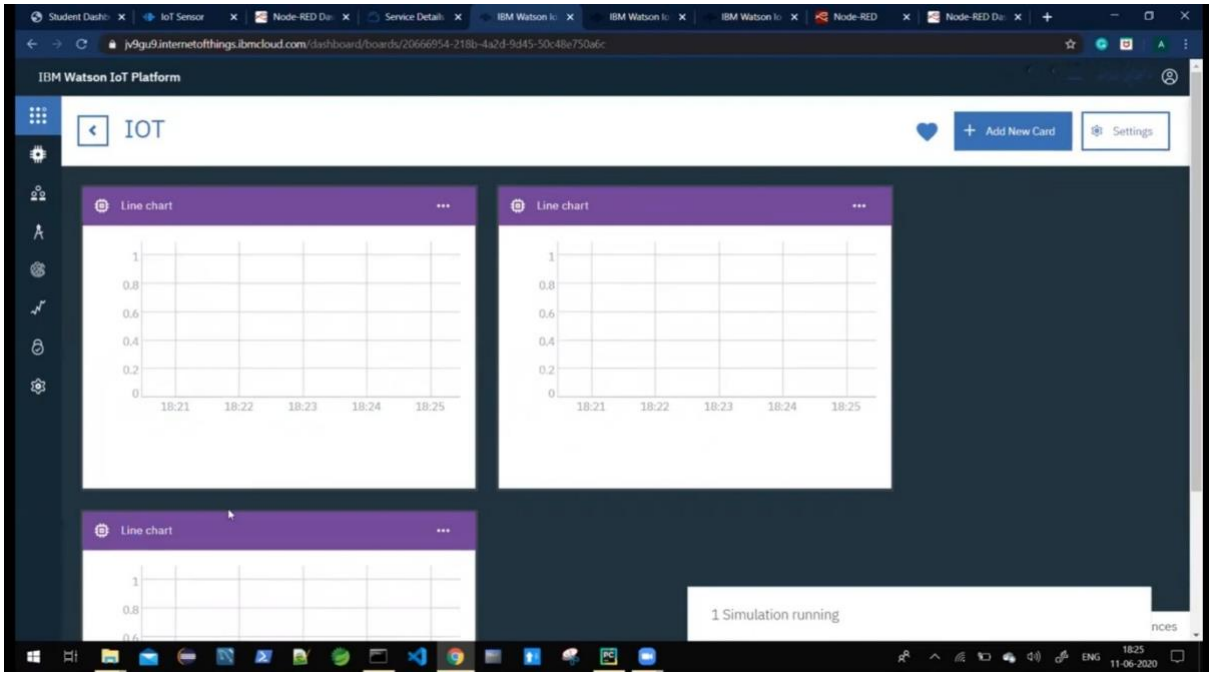
Project development phase

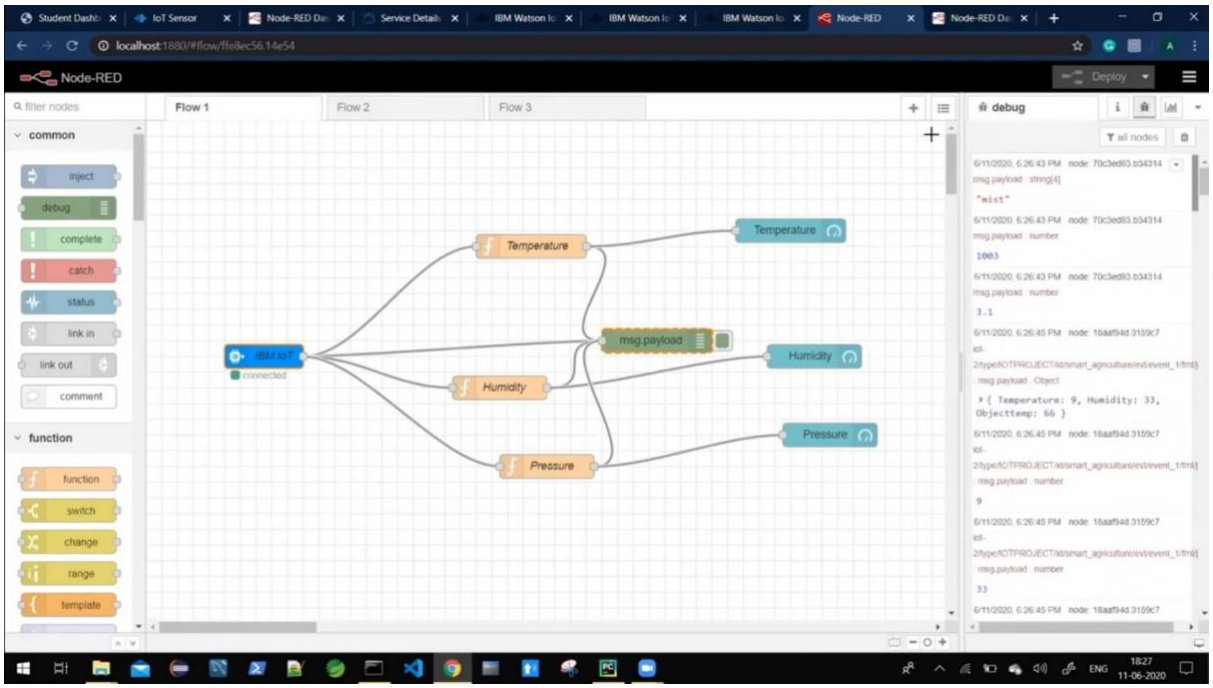
SPRINT-2

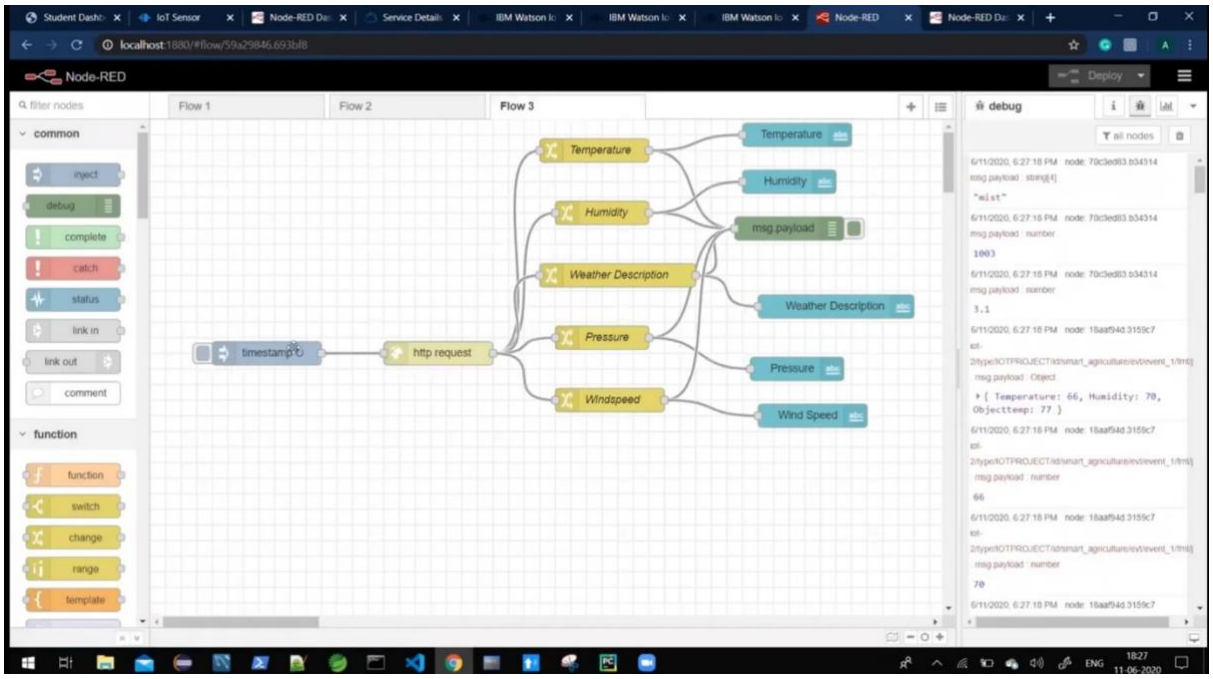
TEAM ID	PNT2022TMID47947
PROJECT NAME	SMART FARMER - IOT ENABLED SMART FARMING APPLICATION

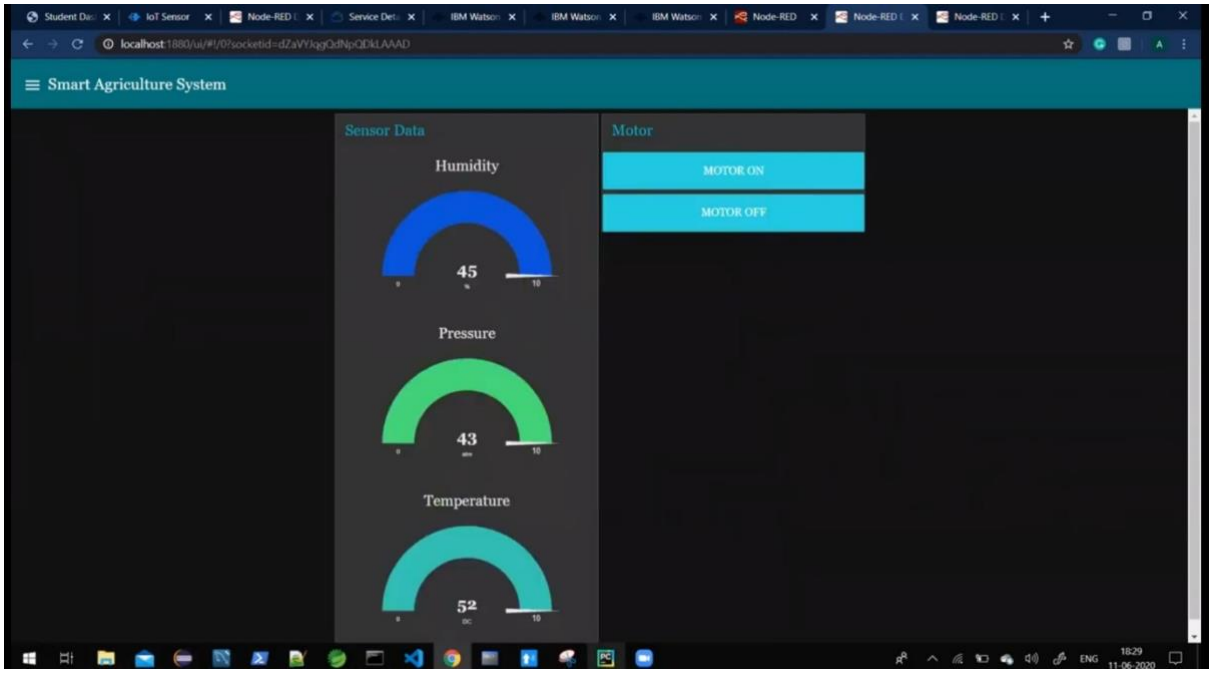


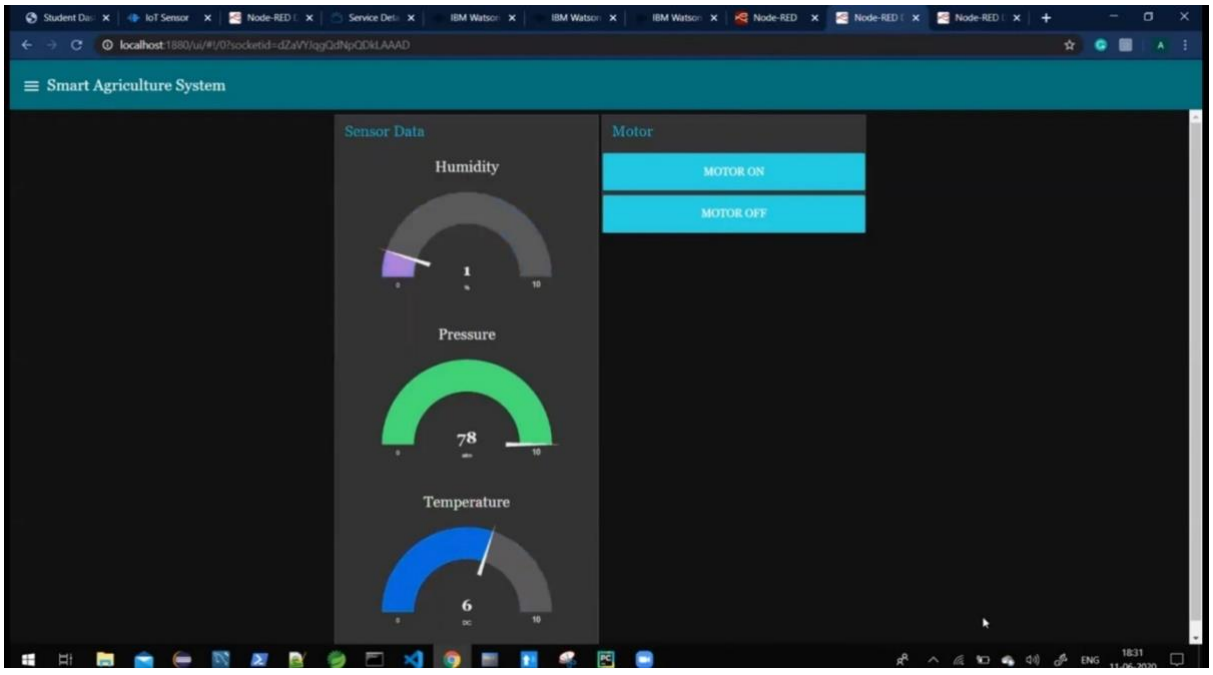

IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Browse Devices
All Devices
Diagnose
Search by Device ID
Device ID
Status
Device Type
Class ID
smart_agriculture
Disconnected
IOTPROJECT
Device
Iot_device1
Connected
Smart-Agriculture-IOT-Device
Device
Items per page 50
1–2 of 2 items
Device Type: IOTPROJECT
Events 1
New event type
Event type name
event_1
Send
Schedule
20
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
Cancel
Save
Cookie Preferences


IBM Watson IoT Platform
IOT
Add New Card
Settings
Line chart
Line chart
Line chart
18:21
18:22
18:23
18:24
18:25
1 Simulation running


Node-RED
Flow 1
Flow 2
Flow 3
Deploy
debug
common
function
inject
debug
complete
catch
status
link in
link out
comment
function
switch
change
range
template
IBM IoT
connected
Temperature
Humidity
Pressure
msg.payload
Temperature
Humidity
Pressure
{ Temperature: 9, Humidity: 33, Objecttemp: 66 }


Node-RED
Flow 1
Flow 2
Flow 3
Deploy
debug
common
function
inject
debug
complete
catch
status
link in
link out
comment
function
switch
change
range
template
timestamp
http request
Temperature
Humidity
Weather Description
Pressure
Windspeed
Temperature
Humidity
msg.payload
Weather Description
Pressure
Wind Speed
{ Temperature: 66, Humidity: 70, Objecttemp: 77 }


Smart Agriculture System
Sensor Data
Humidity
45
Pressure
43
Temperature
52
Motor
MOTOR ON
MOTOR OFF


Smart Agriculture System
Sensor Data
Humidity
1
Pressure
78
Temperature
6
Motor
MOTOR ON
MOTOR OFF