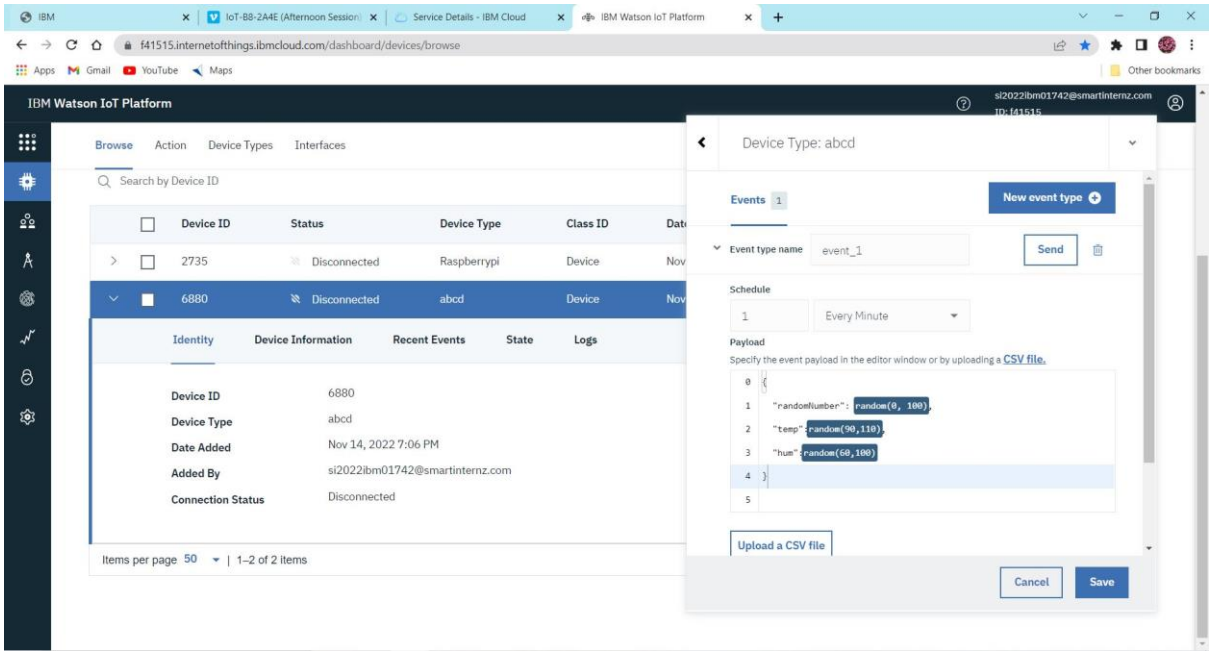
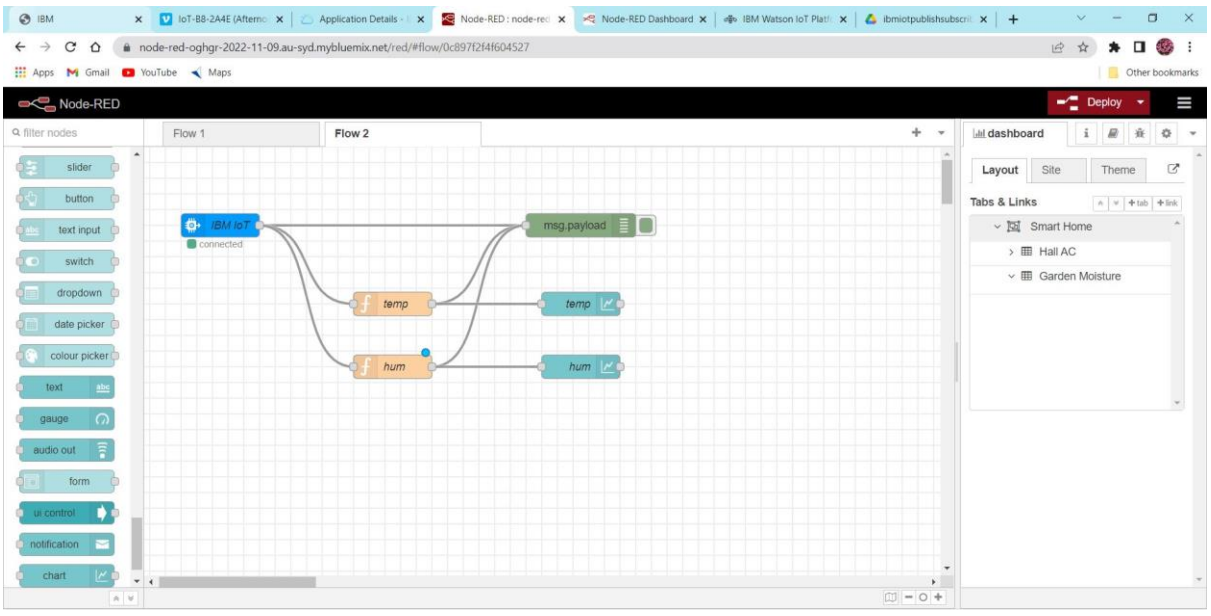
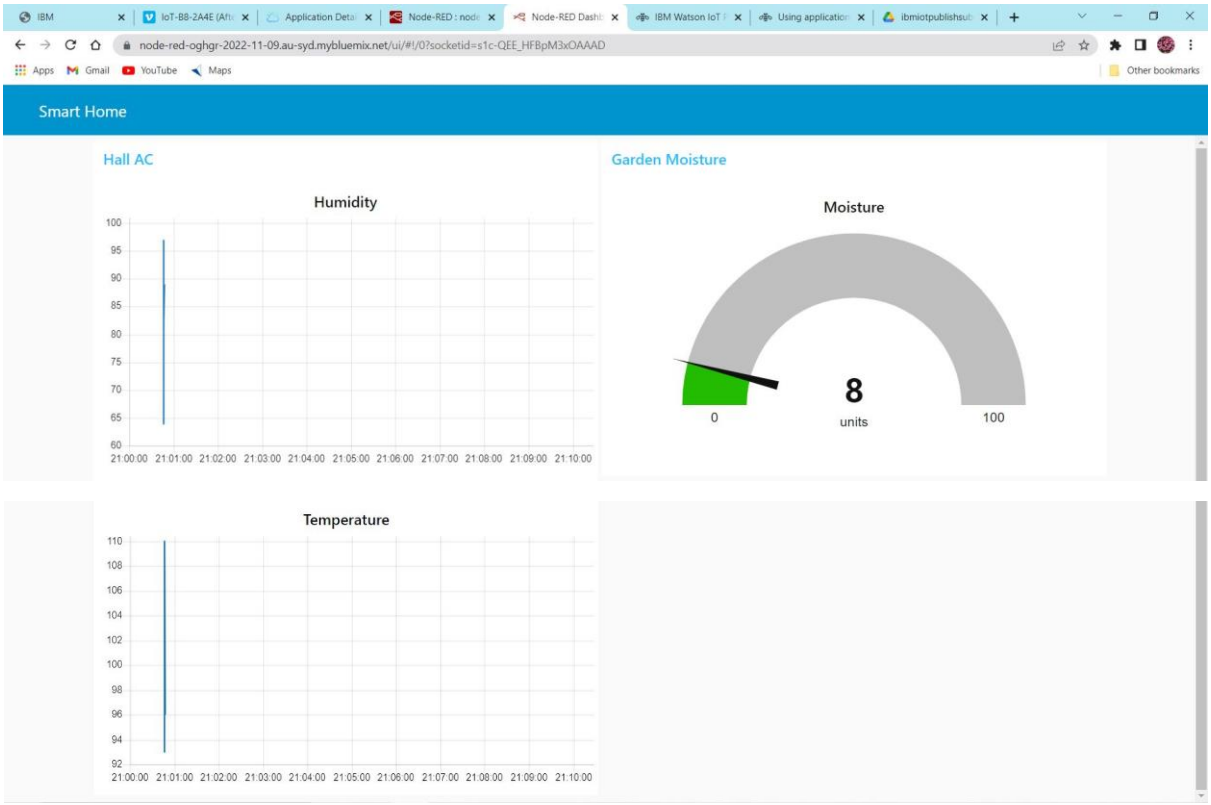
SPRINT-4

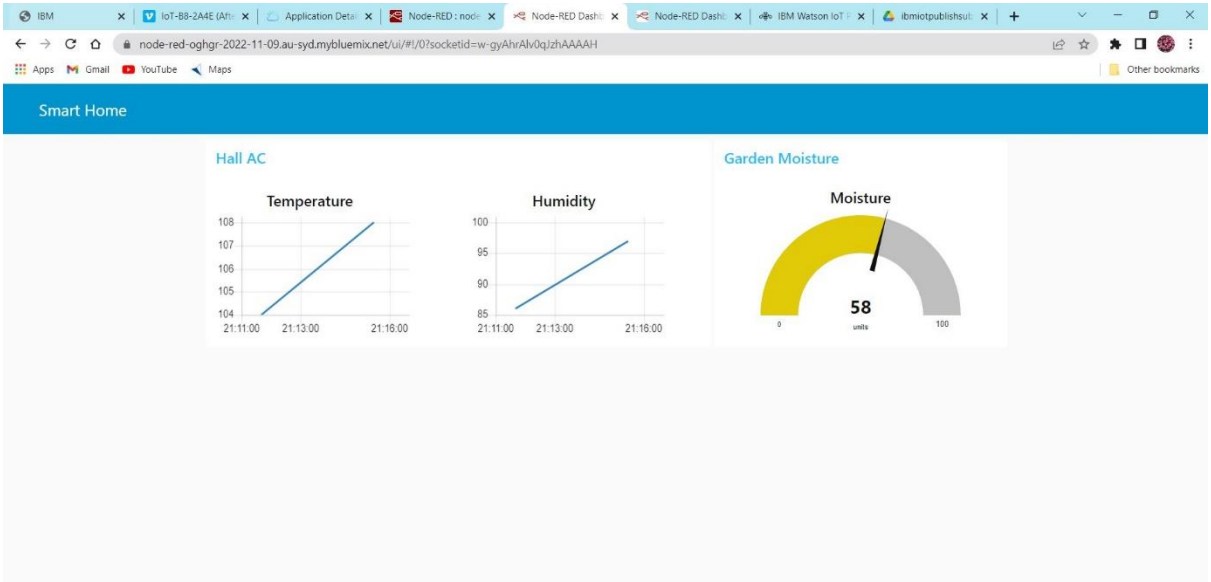
DEVELOP A WEB APPLICATION USING NODE-RED SERVICE-1

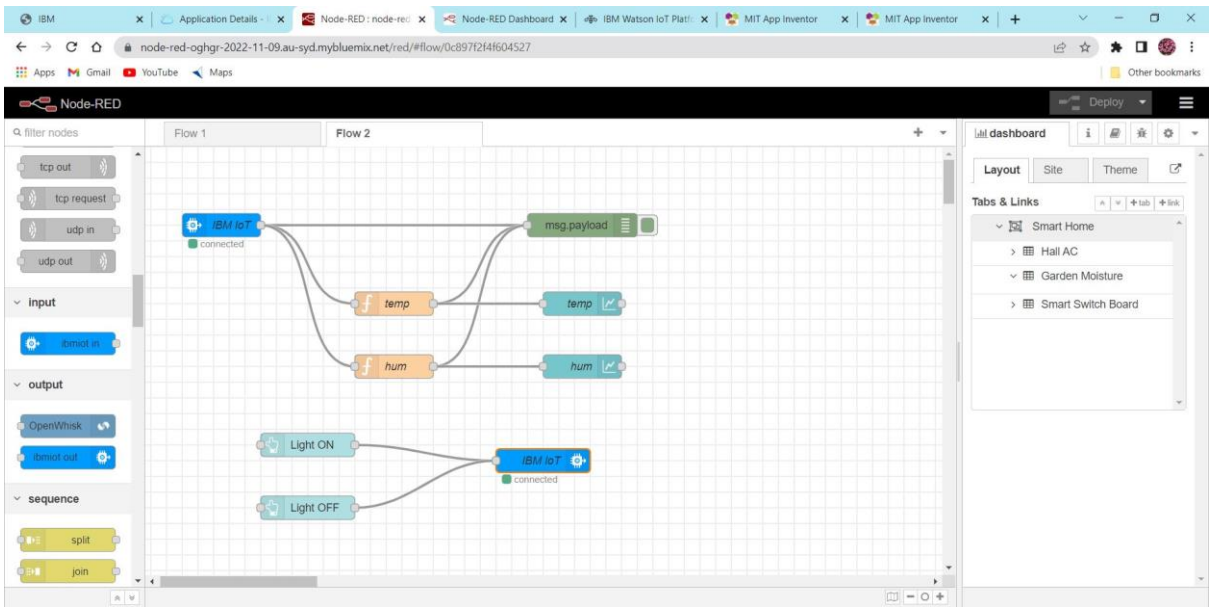
TEAM ID	PNT2022TMID44357
PROJECT DOMAIN	INTERNET OF THINGS
PROJECT TITLE	IoT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE
DATE	18 NOVEMBER 2022

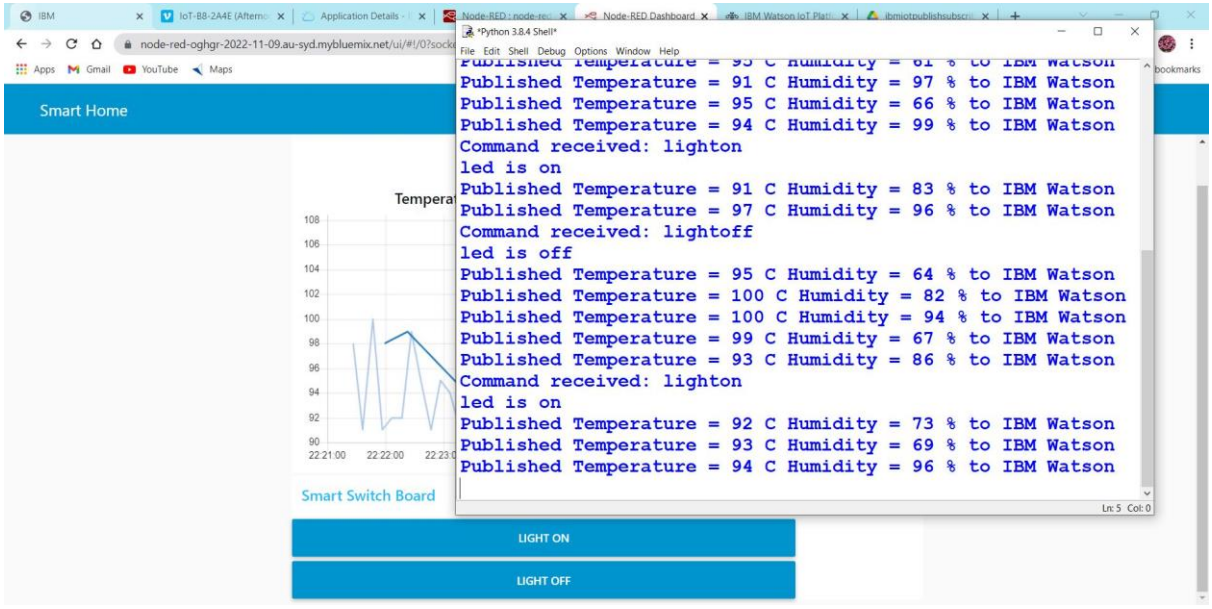


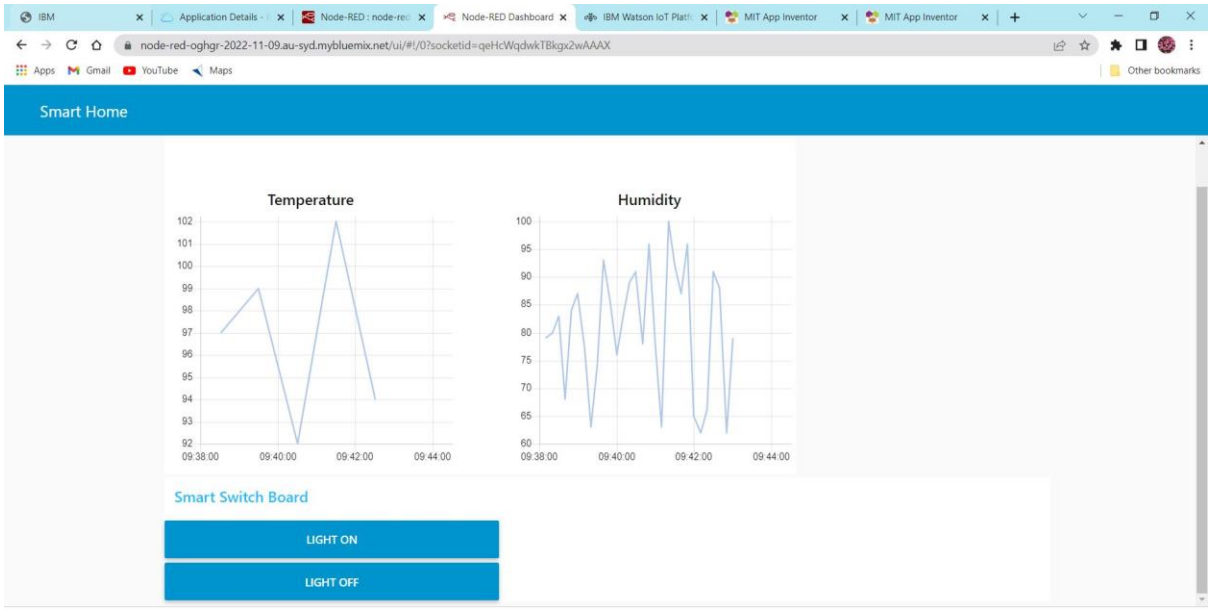



node-red-oghgr-2022-11-09.au-syd.mybluemix.net/ui/#!/0?socketid=s1c-QEE_HFBpM3xOAAAD
Smart Home
Hall AC
Humidity
Garden Moisture
Moisture
8
units
0
100
Temperature


node-red-oghgr-2022-11-09.au-syd.mybluemix.net/ui/#!/0?socketid=w-gyAhrAlv0qJzhAAAAH
Smart Home
Hall AC
Temperature
Humidity
Garden Moisture
Moisture
58
units


Node-RED
Deploy
Flow 1
Flow 2
dashboard
Layout
Site
Theme
Tabs & Links
Smart Home
Hall AC
Garden Moisture
Smart Switch Board
tcp out
tcp request
udp in
udp out
input
ibmiot in
output
OpenWhisk
ibmiot out
sequence
split
join
IBM IoT
connected
msg.payload
temp
hum
Light ON
Light OFF


Smart Home
Smart Switch Board
LIGHT ON
LIGHT OFF
Python 3.8.4 Shell
File Edit Shell Debug Options Window Help
Published Temperature = 91 C Humidity = 97 % to IBM Watson
Published Temperature = 95 C Humidity = 66 % to IBM Watson
Published Temperature = 94 C Humidity = 99 % to IBM Watson
Command received: lighton
led is on
Published Temperature = 91 C Humidity = 83 % to IBM Watson
Published Temperature = 97 C Humidity = 96 % to IBM Watson
Command received: lightoff
led is off
Published Temperature = 95 C Humidity = 64 % to IBM Watson
Published Temperature = 100 C Humidity = 82 % to IBM Watson
Published Temperature = 100 C Humidity = 94 % to IBM Watson
Published Temperature = 99 C Humidity = 67 % to IBM Watson
Published Temperature = 93 C Humidity = 86 % to IBM Watson
Command received: lighton
led is on
Published Temperature = 92 C Humidity = 73 % to IBM Watson
Published Temperature = 93 C Humidity = 69 % to IBM Watson
Published Temperature = 94 C Humidity = 96 % to IBM Watson
Ln: 5 Col: 0


IBM
Application Details
Node-RED : node-red
Node-RED Dashboard
IBM Watson IoT Platf
MIT App Inventor
MIT App Inventor
node-red-oghgr-2022-11-09.au-syd.mybluemix.net/ui/#!/0?socketid=qeHcWqdwkTBkgx2wAAAX
Apps
Gmail
YouTube
Maps
Other bookmarks
Smart Home
Temperature
102
101
100
99
98
97
96
95
94
93
92
09:38:00
09:40:00
09:42:00
09:44:00
Humidity
100
95
90
85
80
75
70
65
60
09:38:00
09:40:00
09:42:00
09:44:00
Smart Switch Board
LIGHT ON
LIGHT OFF