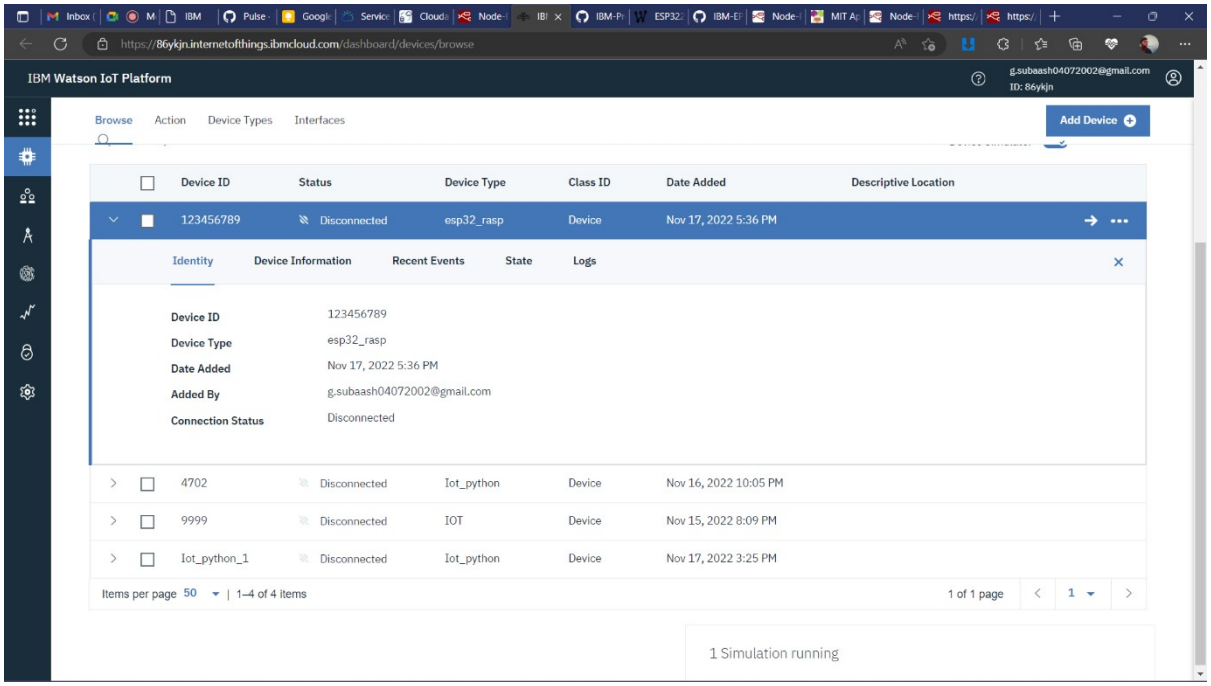
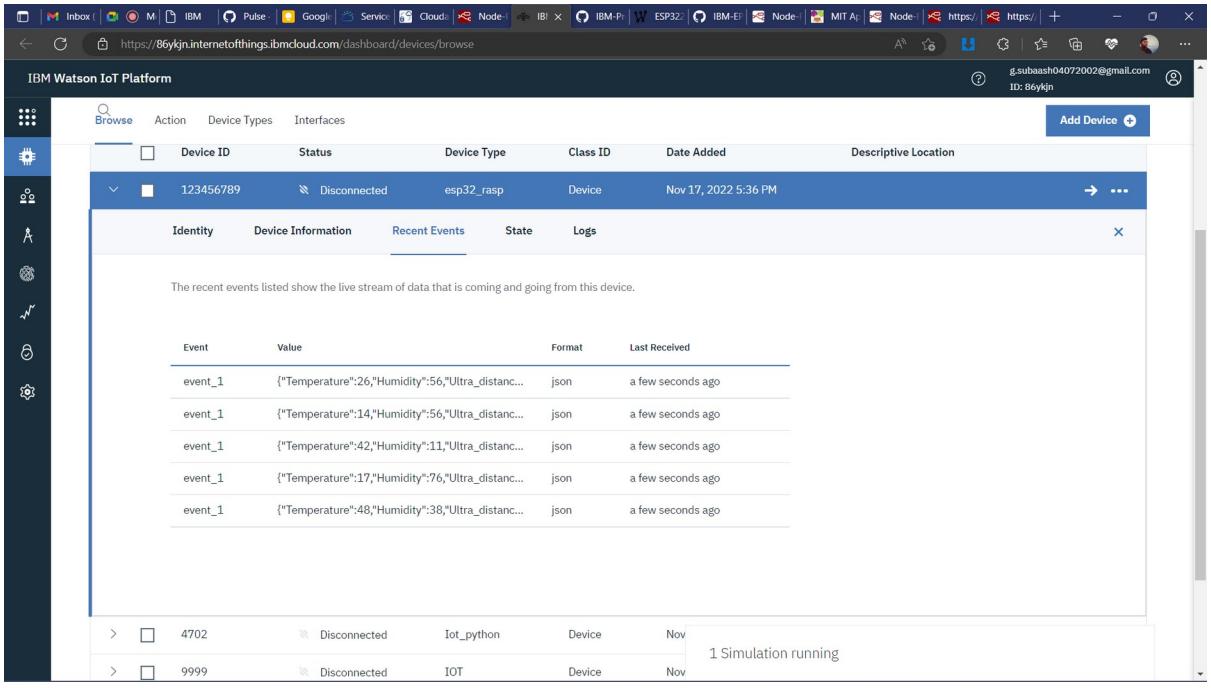
TEAM ID : PNT2022TMID12796

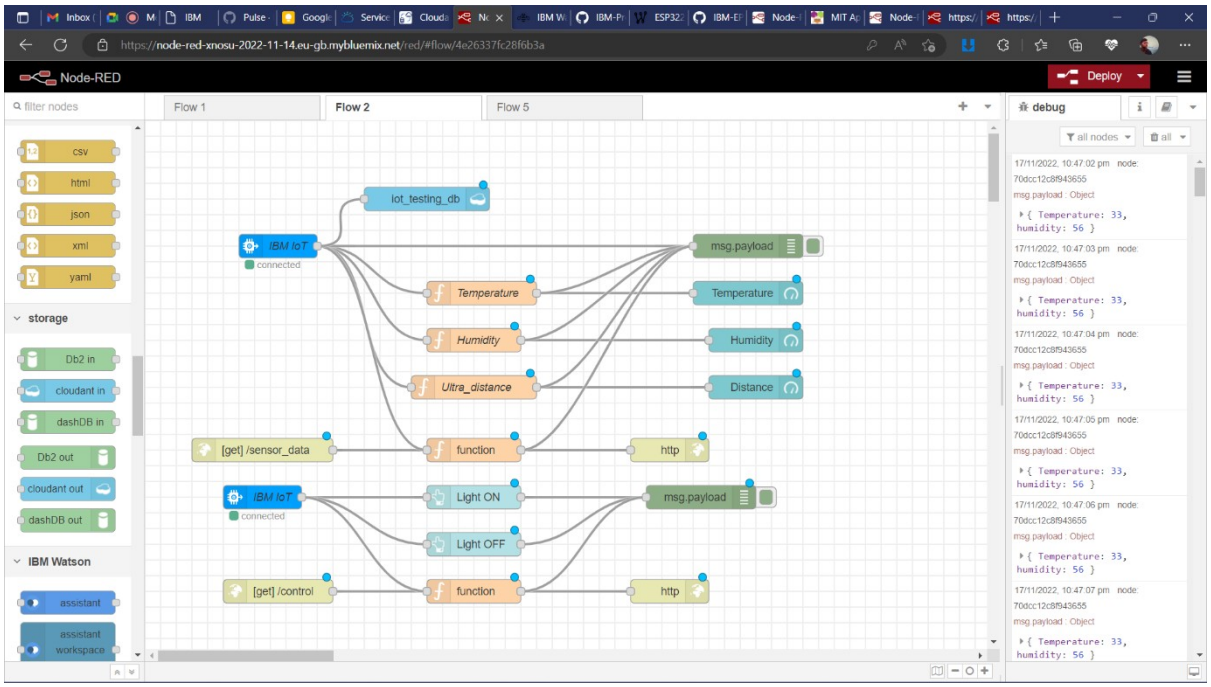
PROJECT TITLE : Industry-Specific Intelligent Fire Management System

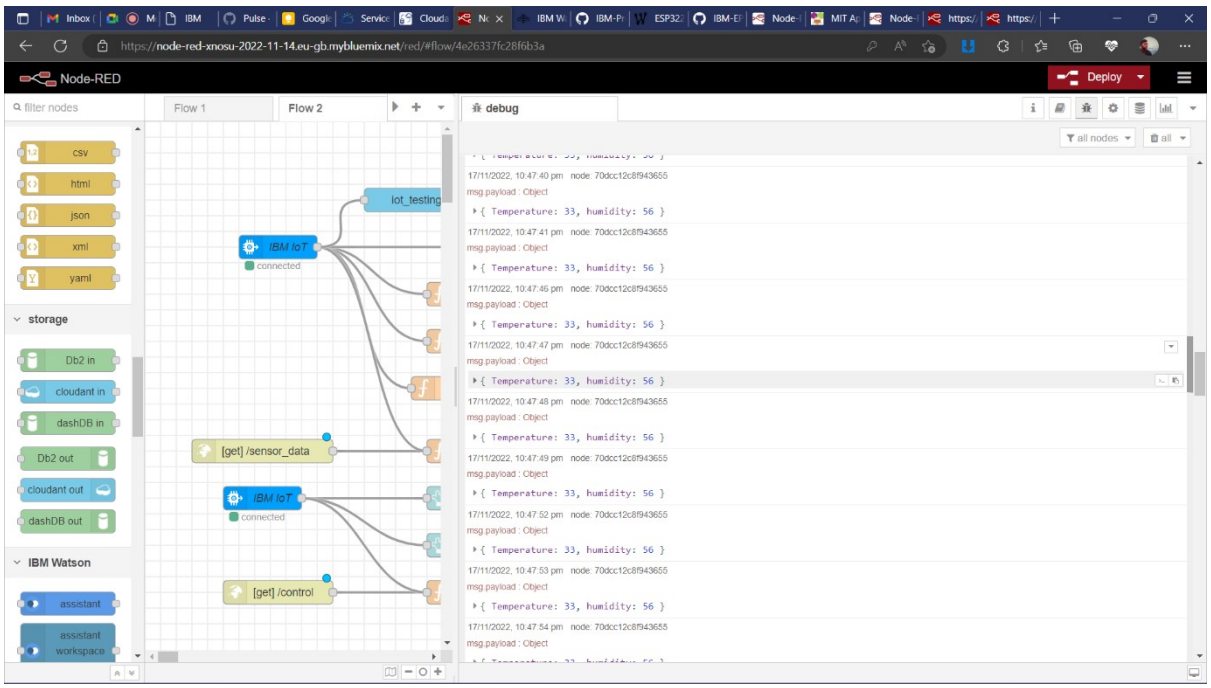
Sprint – 3

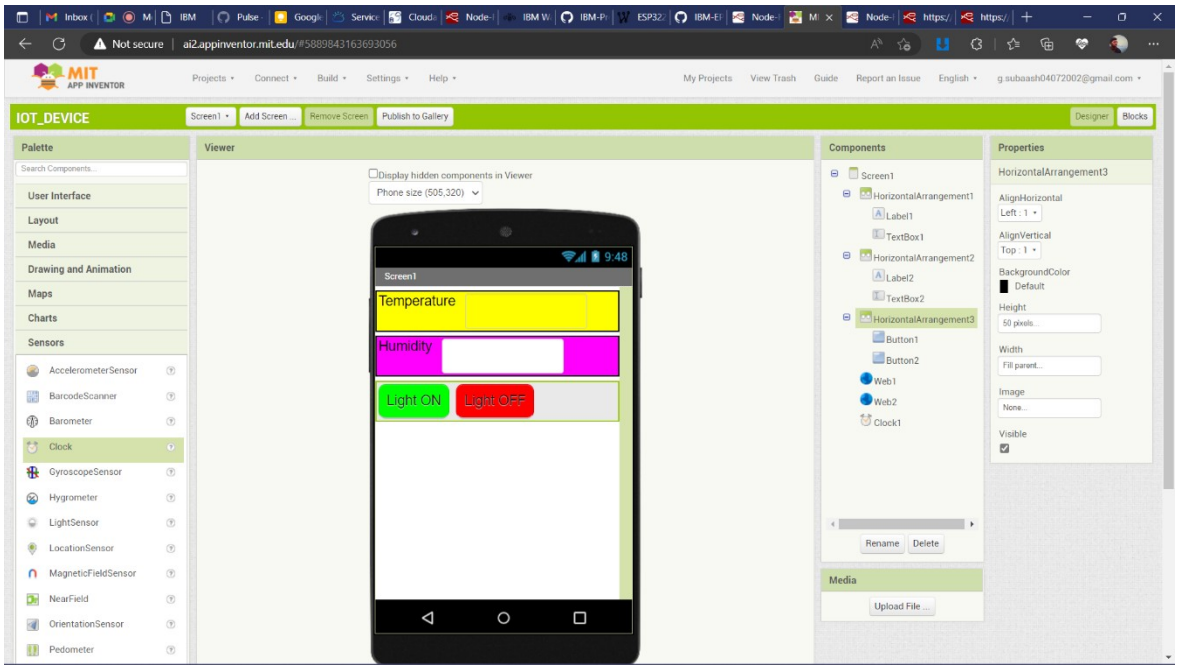
CONNECTING MIT APP INVENTOR TO IBM AND NODE RED

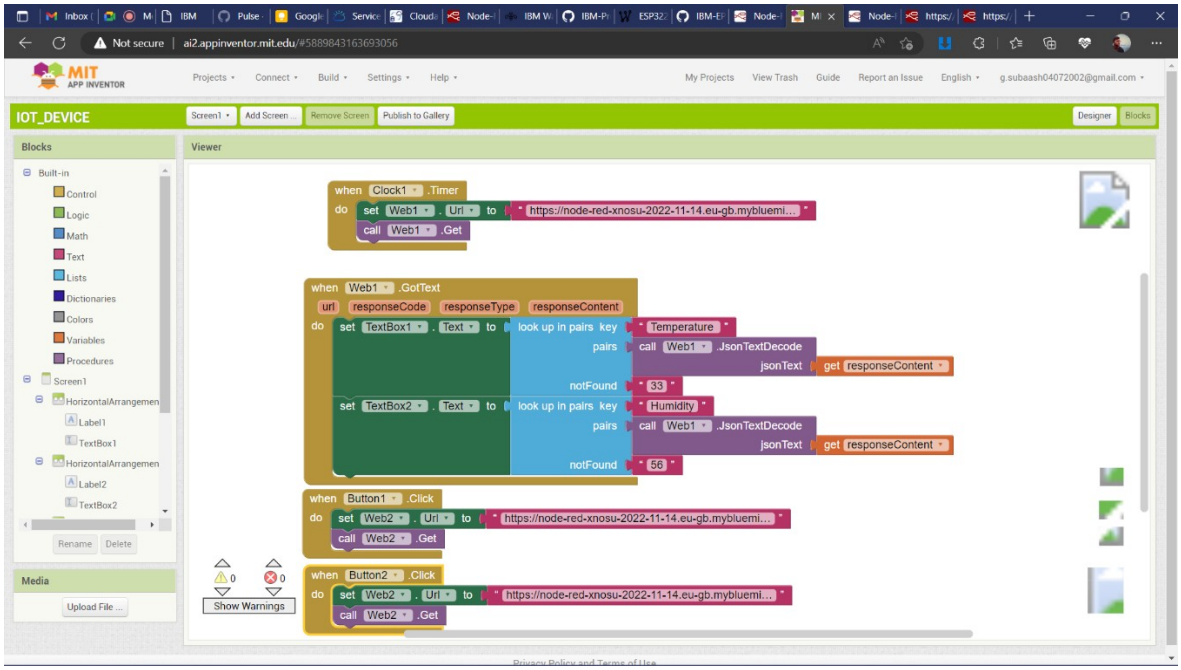


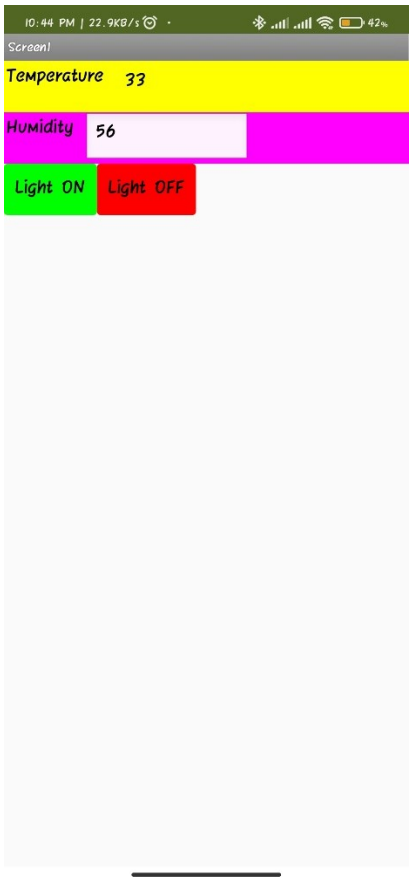



Node-RED
Deploy
Flow 1
Flow 2
Flow 5
debug
csv
html
json
xml
yaml
storage
Db2 in
cloudant in
dashDB in
Db2 out
cloudant out
dashDB out
IBM Watson
assistant
assistant workspace
Iot_testing_db
IBM IoT
connected
Temperature
Humidity
Ultra_distance
msg.payload
Temperature
Humidity
Distance
[get] /sensor_data
function
http
Light ON
Light OFF
[get] /control


Node-RED
Deploy
Flow 1
Flow 2
debug
IBM IoT
connected
[get] /sensor_data
[get] /control


Not secure | ai2.appinventor.mit.edu/#5889843163693056
MIT APP INVENTOR
Projects Connect Build Settings Help
My Projects View Trash Guide Report an Issue English g.subaash04072002@gmail.com
IOT_DEVICE
Screen1 Add Screen Remove Screen Publish to Gallery
Designer Blocks
Palette
User Interface
Layout
Media
Drawing and Animation
Maps
Charts
Sensors
AccelerometerSensor
BarcodeScanner
Barometer
Clock
GyroscopeSensor
Hygrometer
LightSensor
LocationSensor
MagneticFieldSensor
NearField
OrientationSensor
Pedometer
Viewer
Display hidden components in Viewer
Phone size (505,320)
9:48
Screen1
Temperature
Humidity
Light ON
Light OFF
Components
Screen1
HorizontalArrangement1
Label1
TextBox1
HorizontalArrangement2
Label2
TextBox2
HorizontalArrangement3
Button1
Button2
Web1
Web2
Clock1
Rename Delete
Media
Upload File ...
Properties
HorizontalArrangement3
AlignHorizontal
Left : 1
AlignVertical
Top : 1
BackgroundColor
Default
Height
50 pixels...
Width
Fill parent...
Image
None...
Visible


Not secure | ai2.appinventor.mit.edu/#5889843163693056
MIT APP INVENTOR
Projects Connect Build Settings Help
My Projects View Trash Guide Report an Issue English g.subaash04072002@gmail.com
IOT_DEVICE
Screen1 Add Screen Remove Screen Publish to Gallery
Designer Blocks
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
HorizontalArrangemen
Label1
TextBox1
HorizontalArrangemen
Label2
TextBox2
Rename Delete
Media
Upload File ...
Viewer
when Clock1 .Timer
do set Web1 . Url to " https://node-red-xnosu-2022-11-14.eu-gb.mybluemi... "
call Web1 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set TextBox1 . Text to look up in pairs key " Temperature "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " 33 "
set TextBox2 . Text to look up in pairs key " Humidity "
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound " 66 "
when Button1 .Click
do set Web2 . Url to " https://node-red-xnosu-2022-11-14.eu-gb.mybluemi... "
call Web2 .Get
when Button2 .Click
do set Web2 . Url to " https://node-red-xnosu-2022-11-14.eu-gb.mybluemi... "
call Web2 .Get
0
0
Show Warnings


10:44 PM | 22.9KB/s
42%
Screen1
Temperature
33
Humidity
56
Light ON
Light OFF