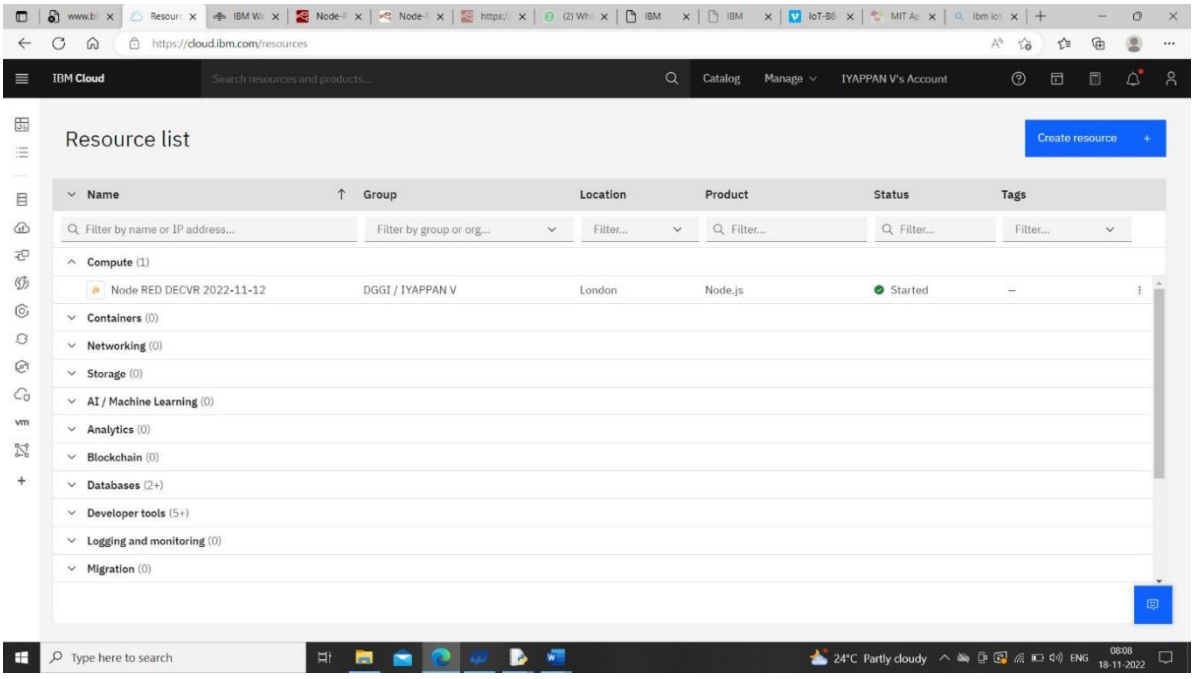
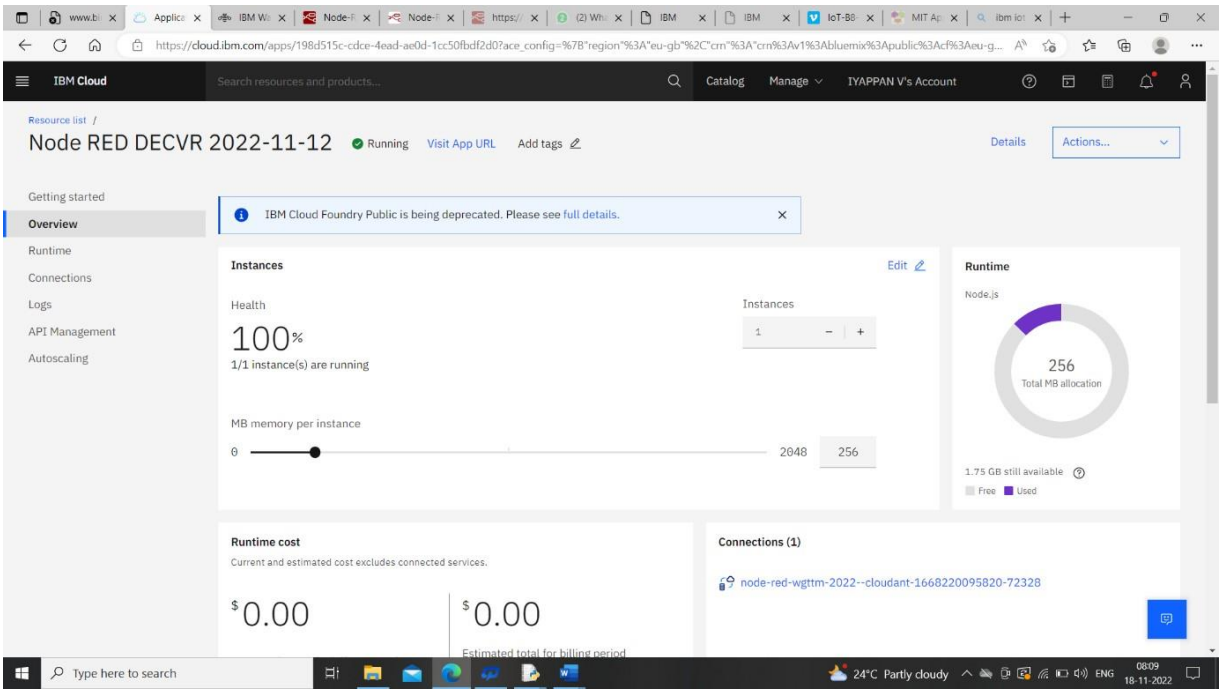
PROJECT DEVELOPMENT PHASE

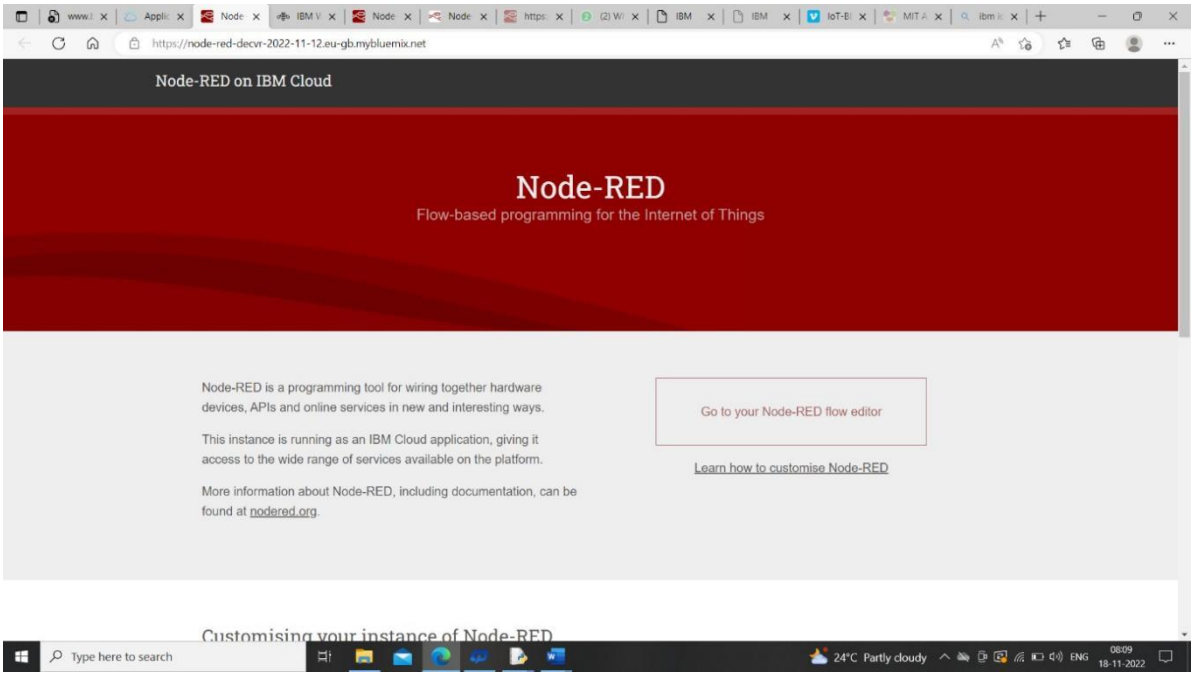
DELIVERY OF - SPRINT 3

TEAM ID	**PNT2022TMID36134**
PROJECT NAME	Smart Waste managmentsystem for metropolitan cities

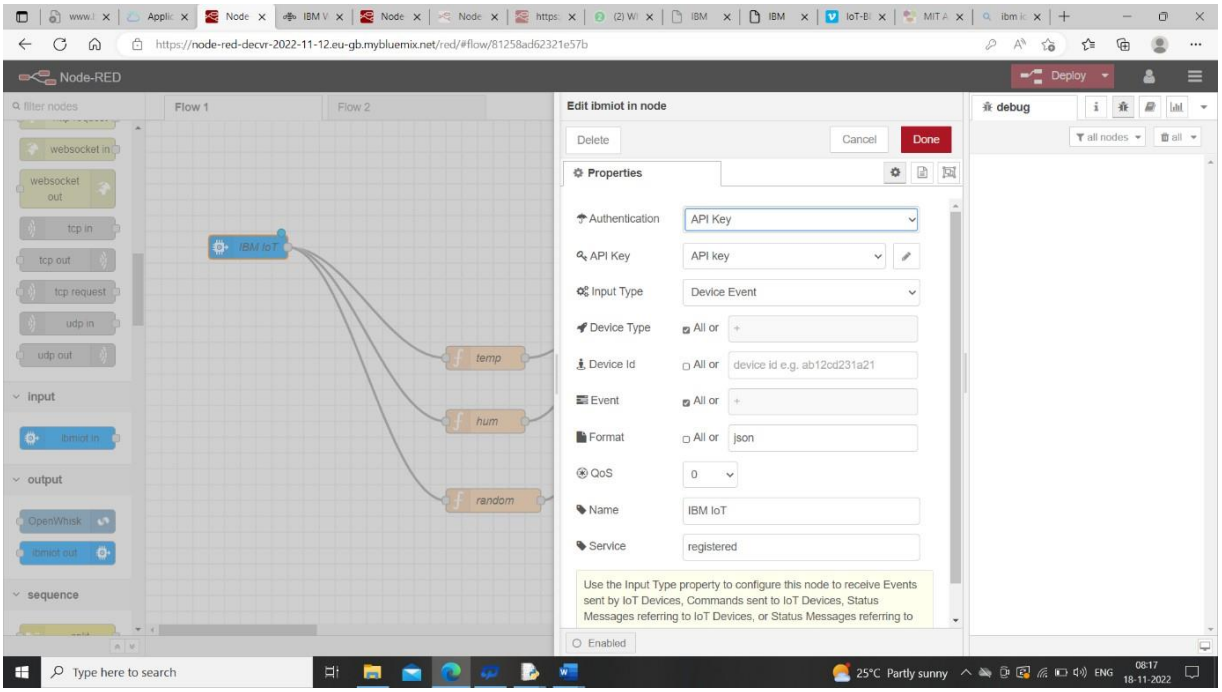
NODE RED FUNCTION

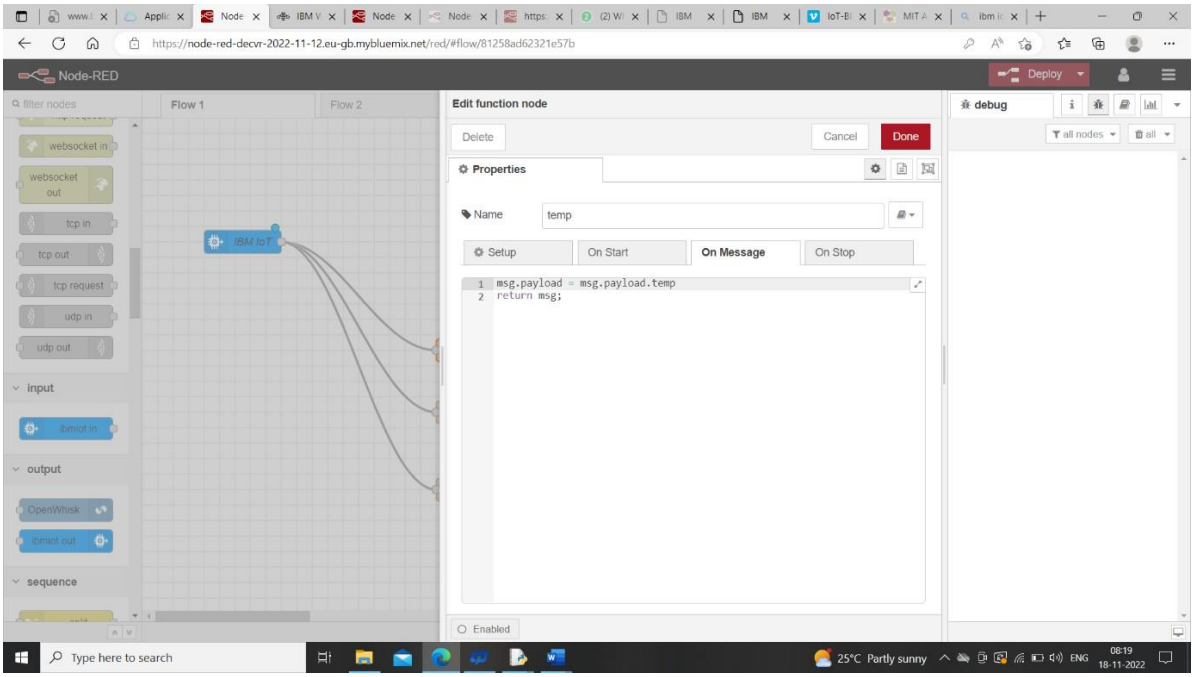


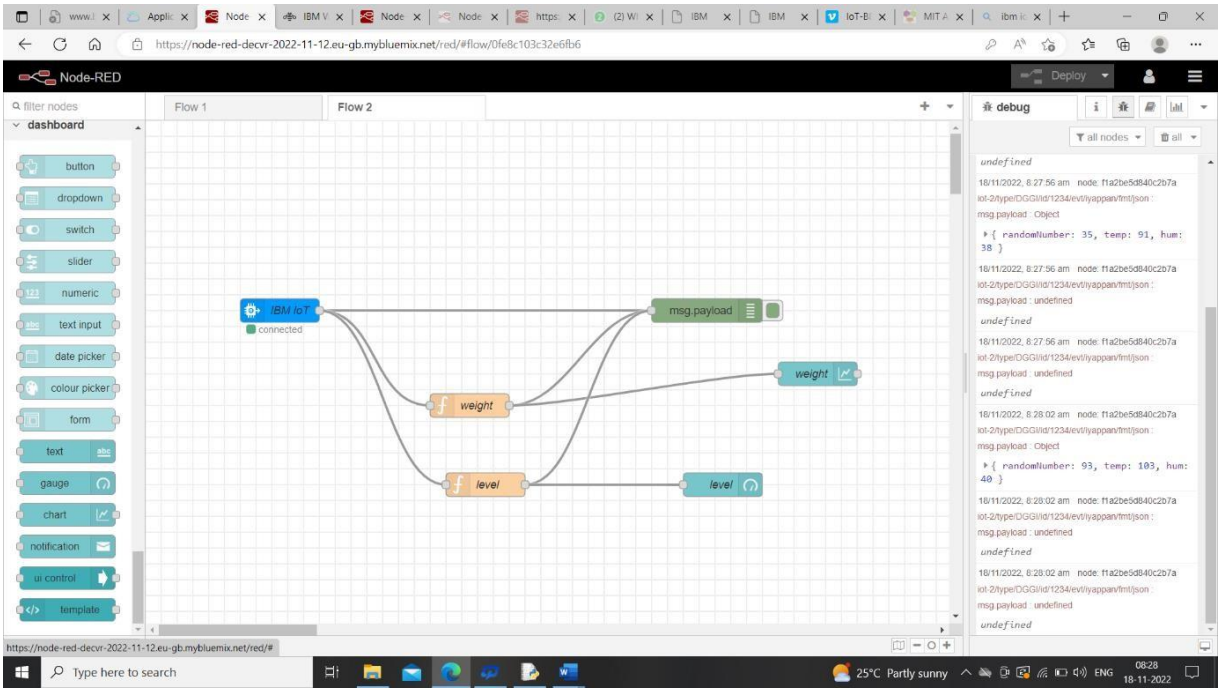

IBM Cloud
Search resources and products...
Catalog
Manage
IYAPPAN V's Account
Resource list /
Node RED DECVR 2022-11-12
Running
Visit App URL
Add tags
Details
Actions...
Getting started
Overview
Runtime
Connections
Logs
API Management
Autoscaling
IBM Cloud Foundry Public is being deprecated. Please see full details.
Instances
Edit
Health
100%
1/1 instance(s) are running
Instances
1
MB memory per instance
0
2048
256
Runtime
Node.js
256
Total MB allocation
1.75 GB still available
Free
Used
Runtime cost
Current and estimated cost excludes connected services.
$0.00
$0.00
Estimated total for billing period
Connections (1)
node-red-wgttm-2022--cloudant-1668220095820-72328
Type here to search
24°C Partly cloudy
ENG
08:09
18-11-2022

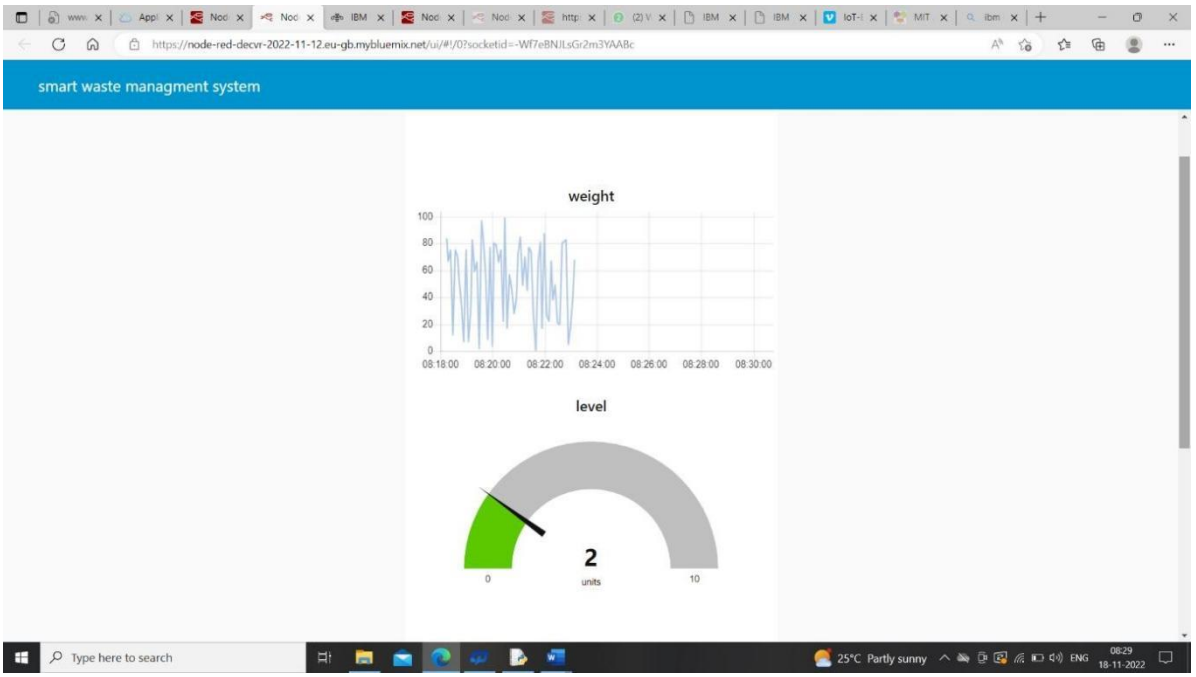

https://node-red-decvr-2022-11-12.eu-gb.mybluemix.net
Node-RED on IBM Cloud
Node-RED
Flow-based programming for the Internet of Things
Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.
This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.
More information about Node-RED, including documentation, can be found at nodered.org.
Go to your Node-RED flow editor
Learn how to customise Node-RED
Customising your instance of Node-RED
Type here to search
24°C Partly cloudy
ENG
08:09
18-11-2022

NODE RED IN RANDOM FUNCTION





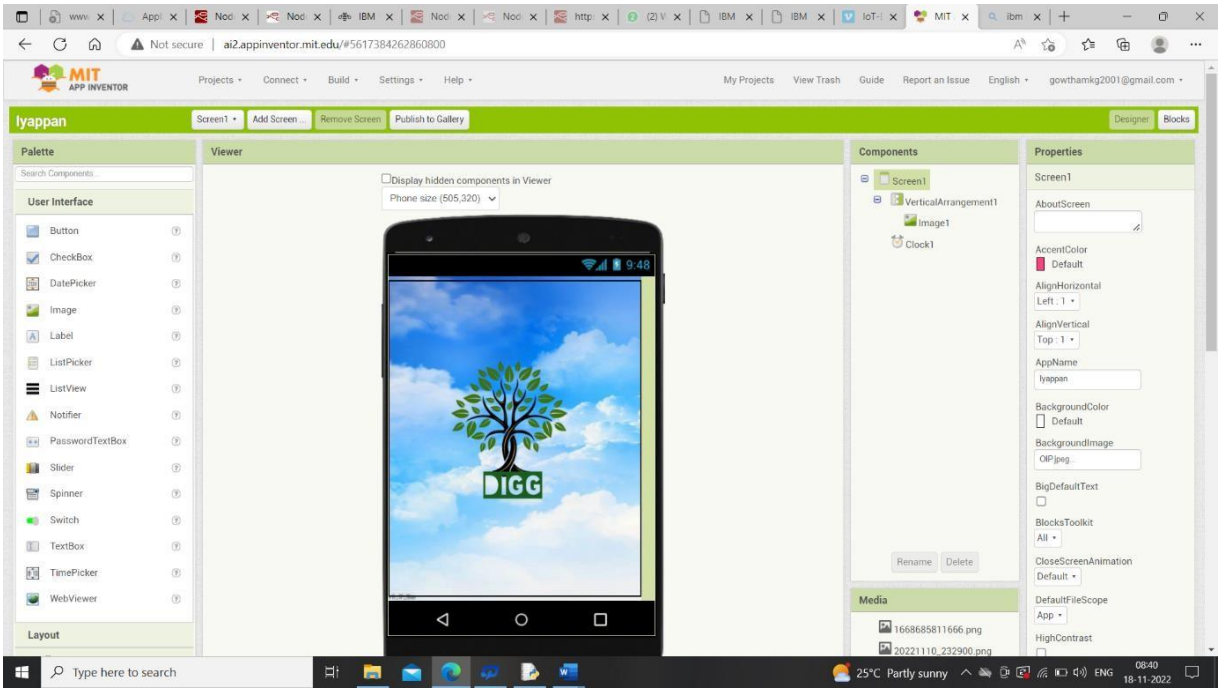

Node-RED
Deploy
Flow 1
Flow 2
dashboard
button
dropdown
switch
slider
numeric
text input
date picker
colour picker
form
text
gauge
chart
notification
ui control
template
IBM IoT
connected
msg.payload
weight
weight
level
level
debug
all nodes
all
undefined
18/11/2022, 8:27:56 am node: f1a2be5d840c2b7a
iot-2/type/DGGI/id/1234/evt/iyappan/fmt/json : msg.payload : Object
{ randomNumber: 35, temp: 91, hum: 38 }
18/11/2022, 8:27:56 am node: f1a2be5d840c2b7a
iot-2/type/DGGI/id/1234/evt/iyappan/fmt/json : msg.payload : undefined
undefined
18/11/2022, 8:27:56 am node: f1a2be5d840c2b7a
iot-2/type/DGGI/id/1234/evt/iyappan/fmt/json : msg.payload : undefined
undefined
18/11/2022, 8:28:02 am node: f1a2be5d840c2b7a
iot-2/type/DGGI/id/1234/evt/iyappan/fmt/json : msg.payload : Object
{ randomNumber: 93, temp: 103, hum: 40 }
18/11/2022, 8:28:02 am node: f1a2be5d840c2b7a
iot-2/type/DGGI/id/1234/evt/iyappan/fmt/json : msg.payload : undefined
undefined
18/11/2022, 8:28:02 am node: f1a2be5d840c2b7a
iot-2/type/DGGI/id/1234/evt/iyappan/fmt/json : msg.payload : undefined
undefined
https://node-red-decvr-2022-11-12.eu-gb.mybluemix.net/red/#
Type here to search
25°C Partly sunny
ENG
08:28
18-11-2022


https://node-red-decvr-2022-11-12.eu-gb.mybluemix.net/ui/#!/0?socketid=-Wf7eBNJLsGr2m3YAABc
smart waste managment system
weight
100
80
60
40
20
0
08:18:00
08:20:00
08:22:00
08:24:00
08:26:00
08:28:00
08:30:00
level
2
units
0
10
Type here to search
25°C Partly sunny
ENG
08:29
18-11-2022

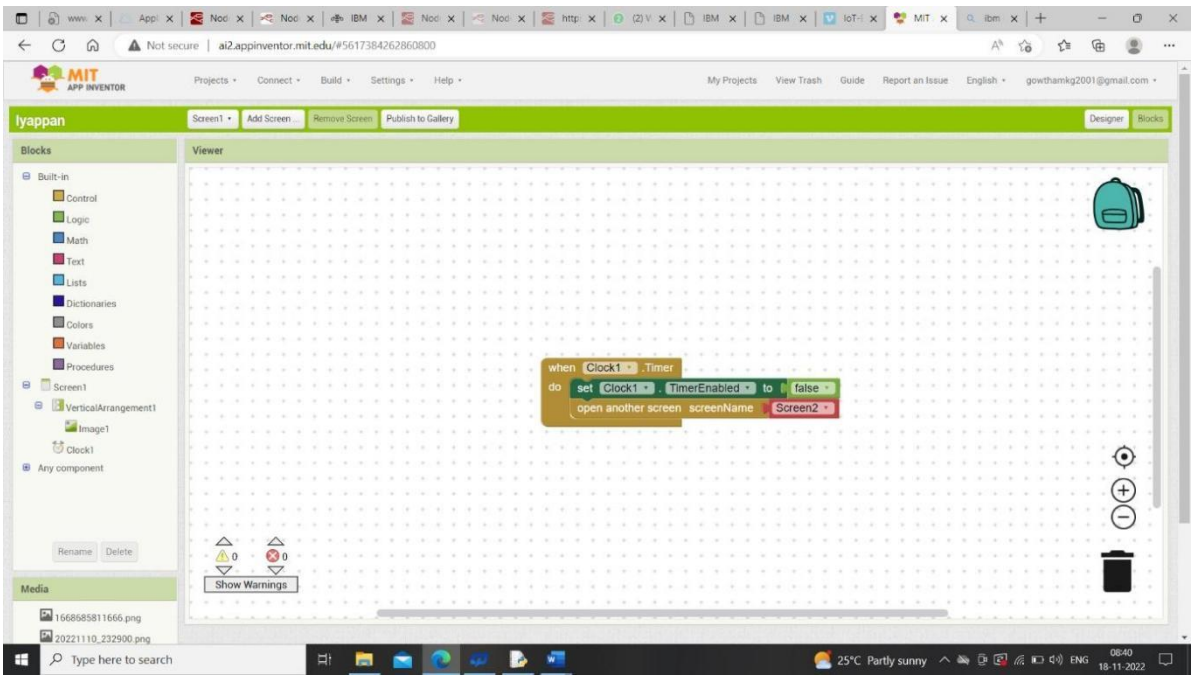
MIT APP INVENTOR

SCREEN 1:

Design:

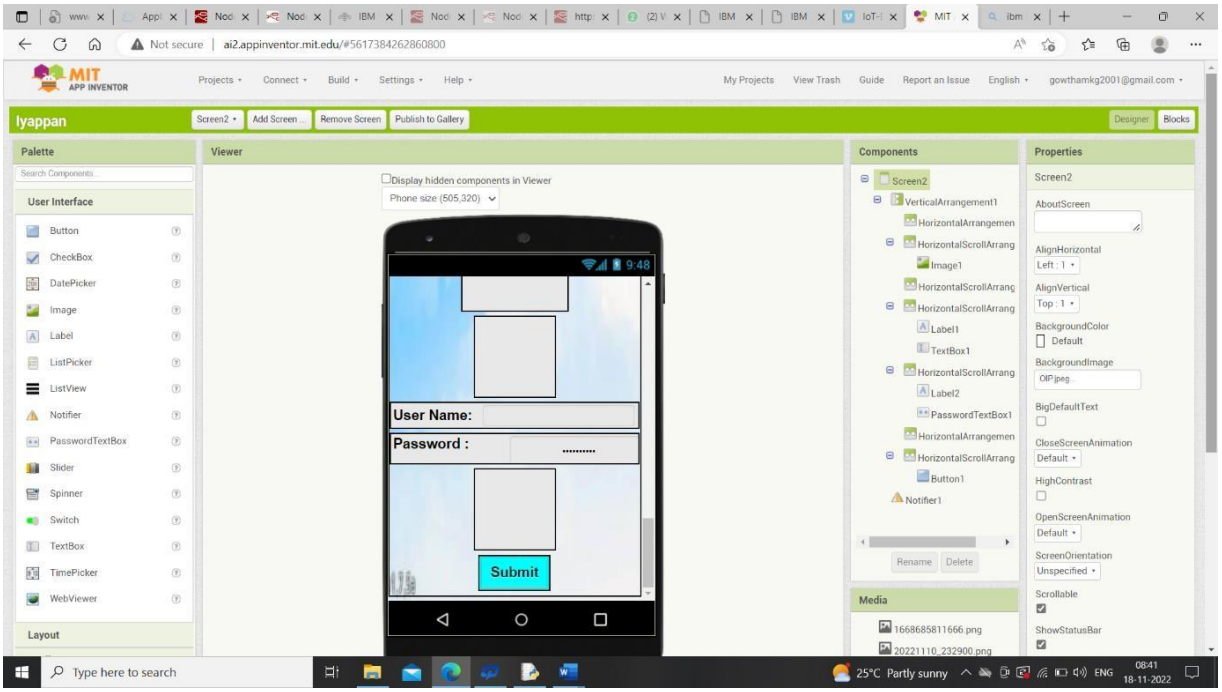


Blocks:

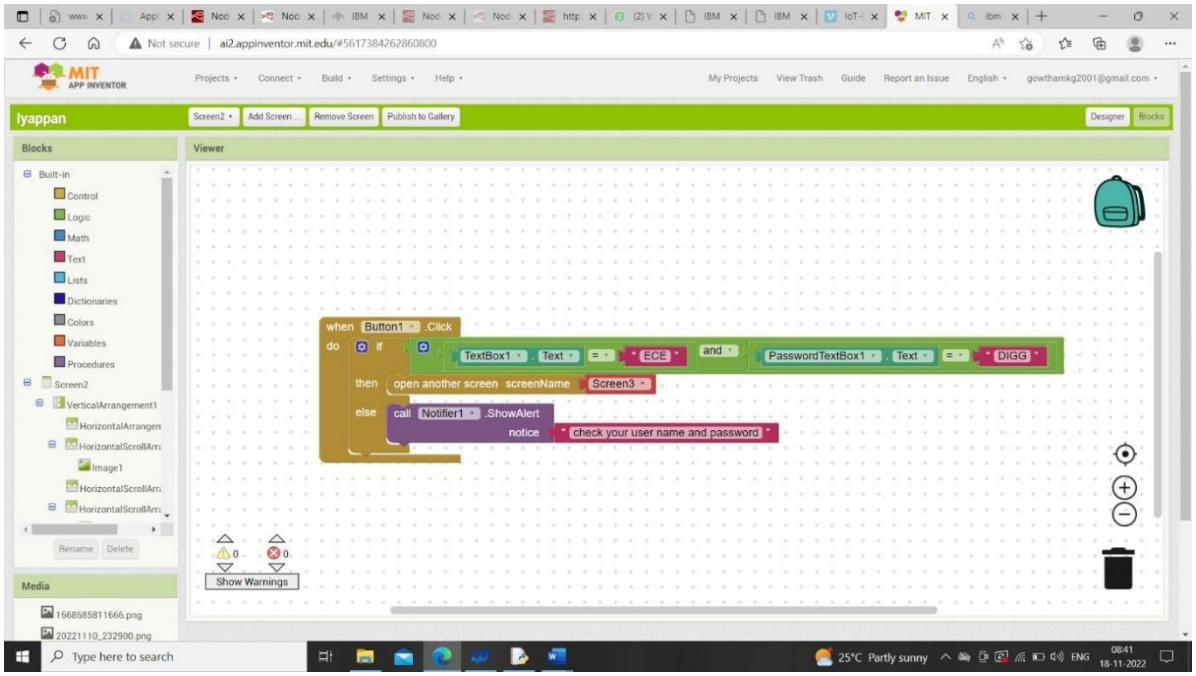


SCREEN 2

Design

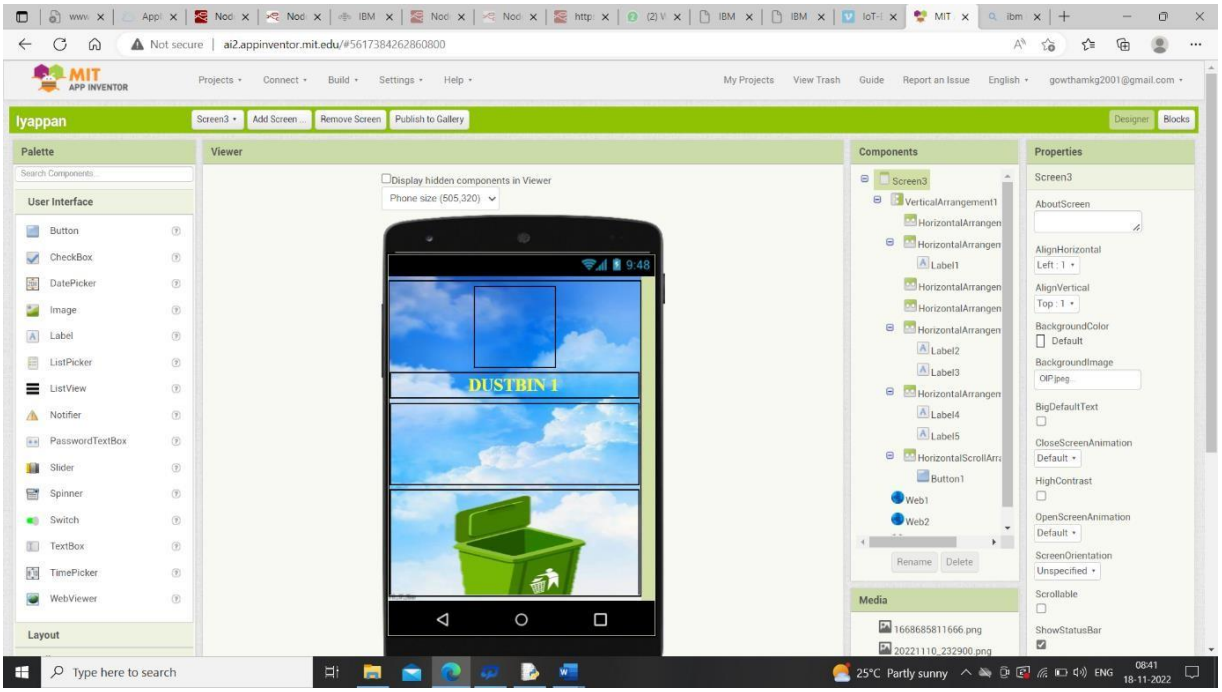


Blocks:

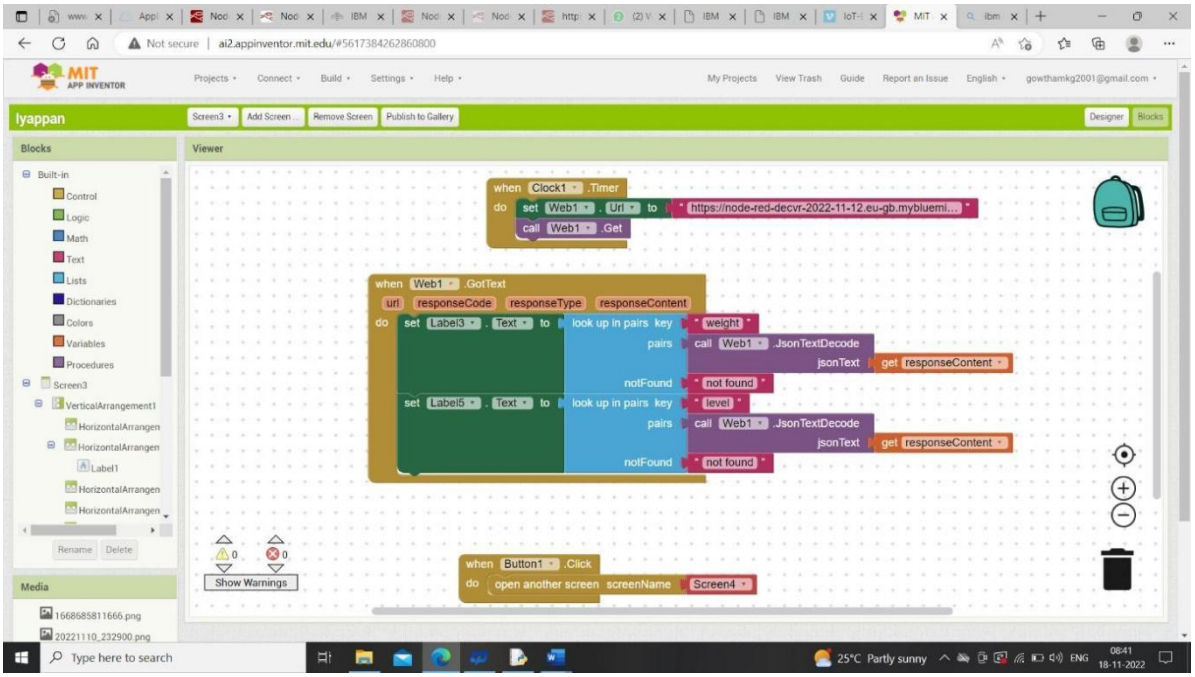


SCREEN 3

Design:

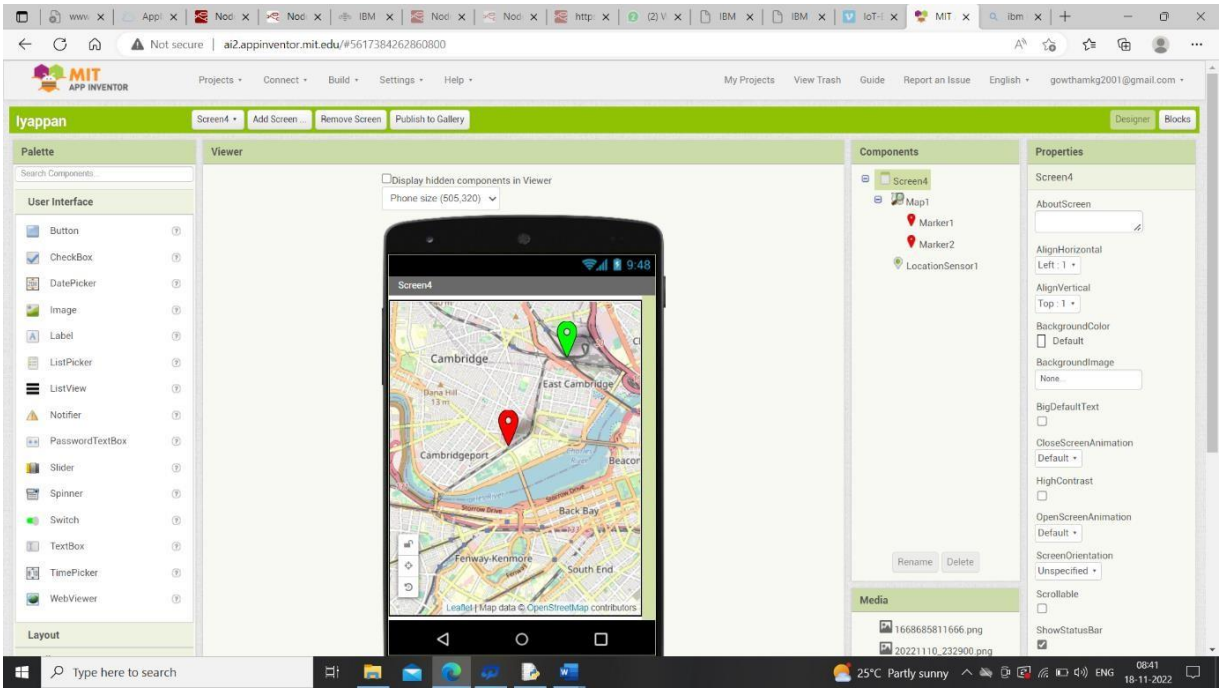


Blocks:

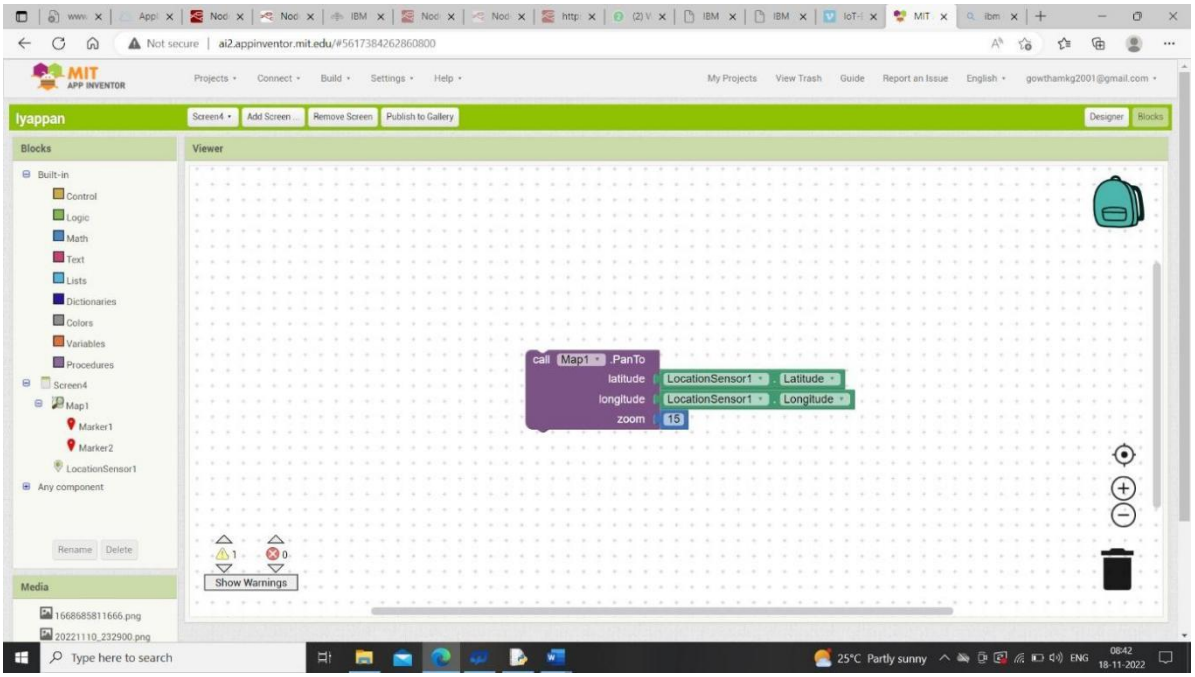


SCREEN 4

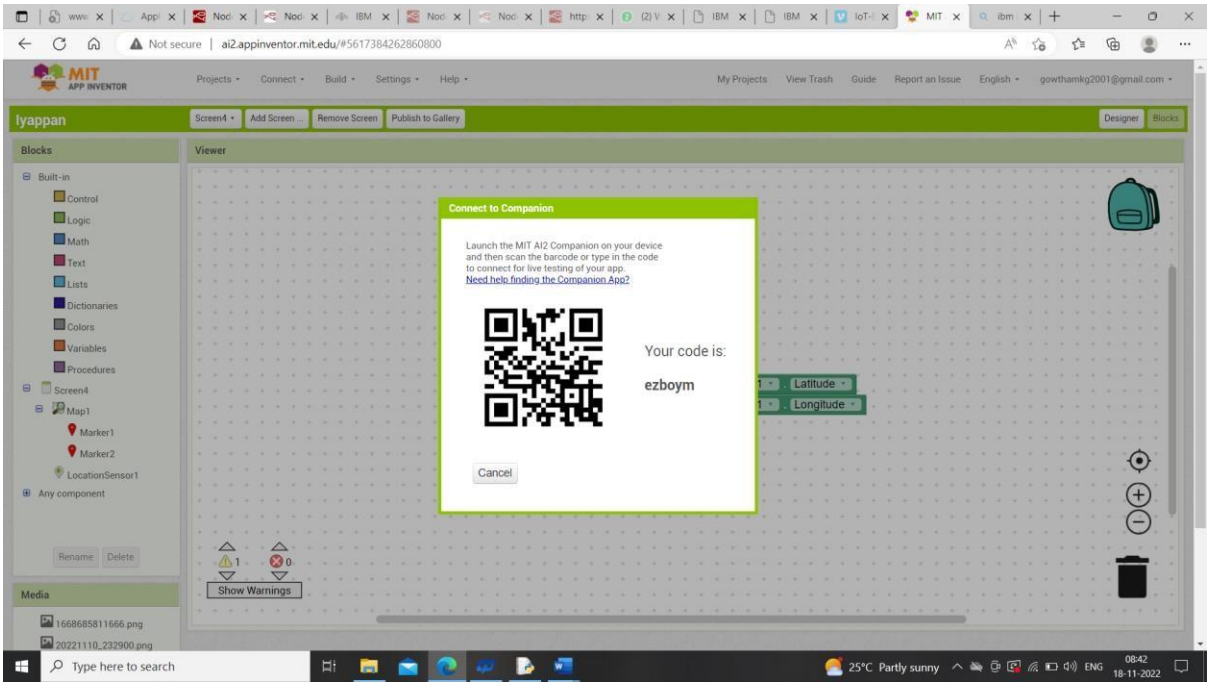
Design:



Blocks:



APP COMPANAION



QR CODE