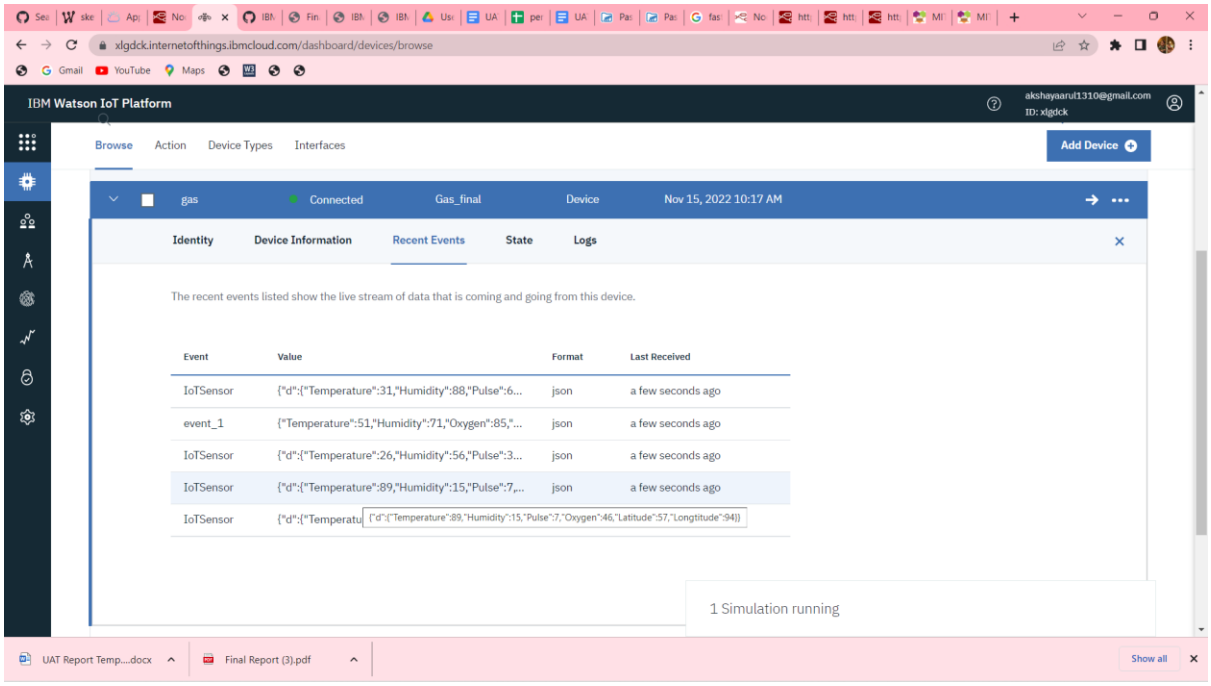
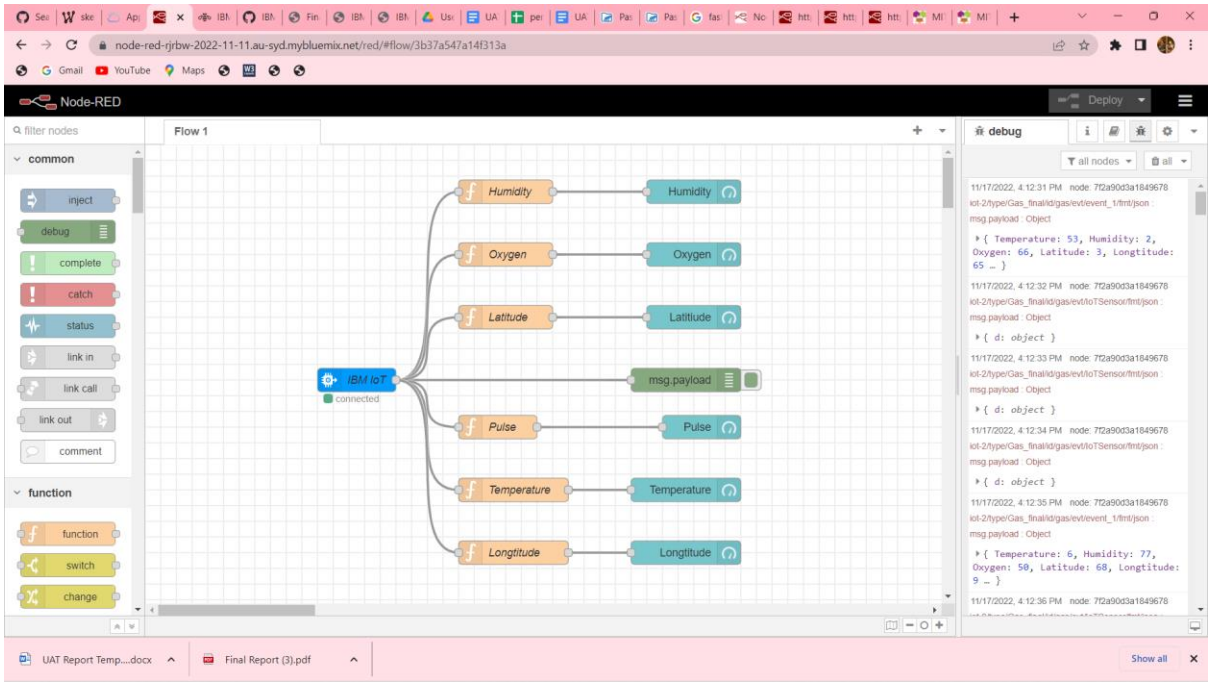
DEVELOP A WEB APPLICATION USING NODE-RED SERVICE.

Date	10 November 2022
Team ID	PNT2022TMID43184
Project Name	Project – Gas Leakage Monitoring And Alerting Systems

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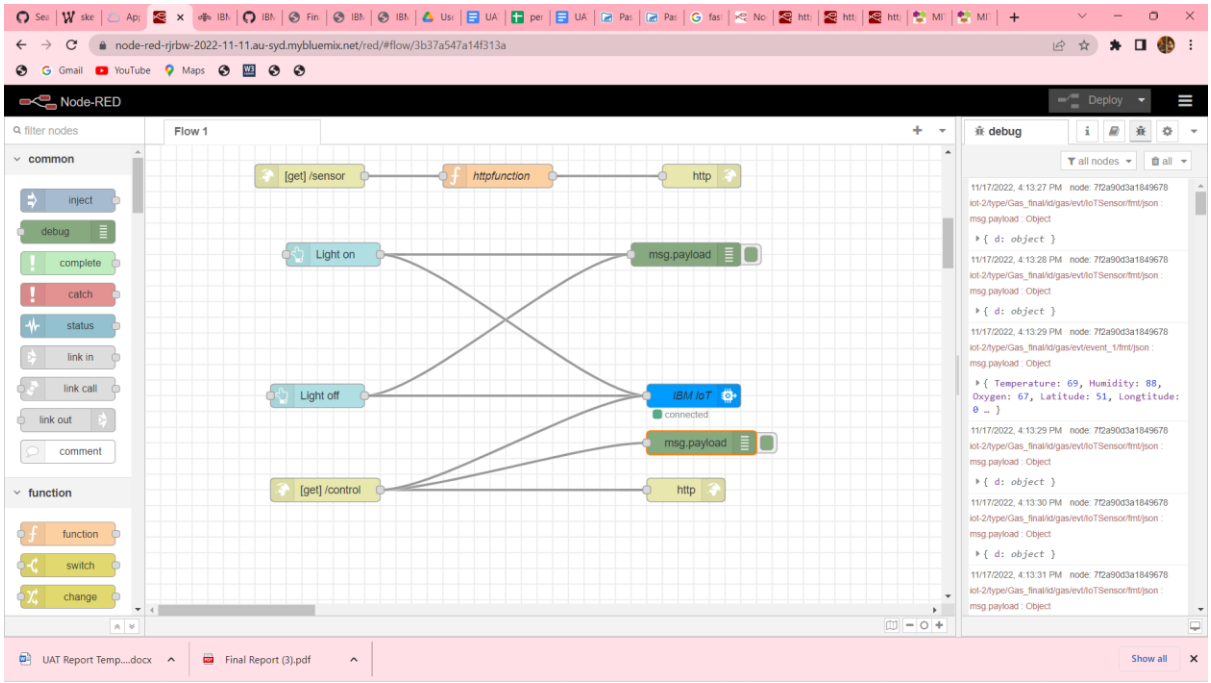
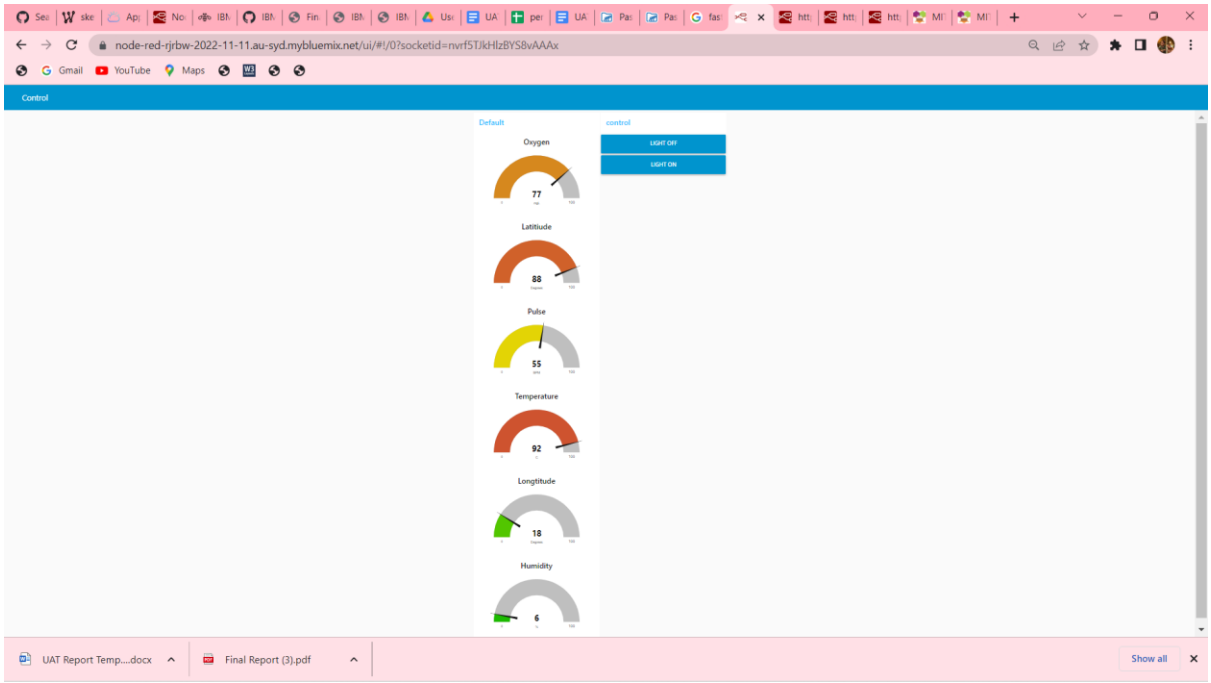
Node-RED
Deploy
Flow 1
debug
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
Humidity
Oxygen
Latitude
IBM IoT
connected
Pulse
Temperature
Longtitude
msg.payload
UAT Report Temp....docx
Final Report (3).pdf
Show all


node-red-rjrbw-2022-11-11.au-syd.mybluemix.net/red/#flow/3b37a547a14f313a
Node-RED
Deploy
Flow 1
debug
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
[get] /sensor
httpfunction
http
Light on
Light off
[get] /control
IBM IoT
connected
msg.payload
UAT Report Temp....docx
Final Report (3).pdf
Show all



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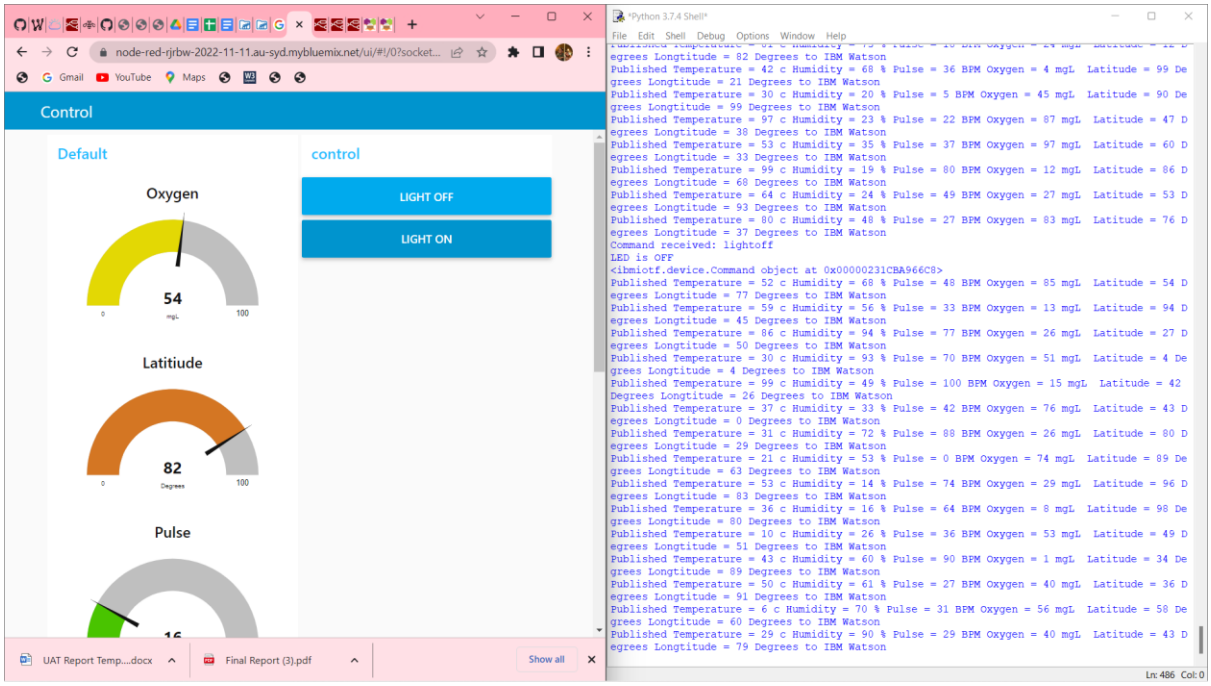
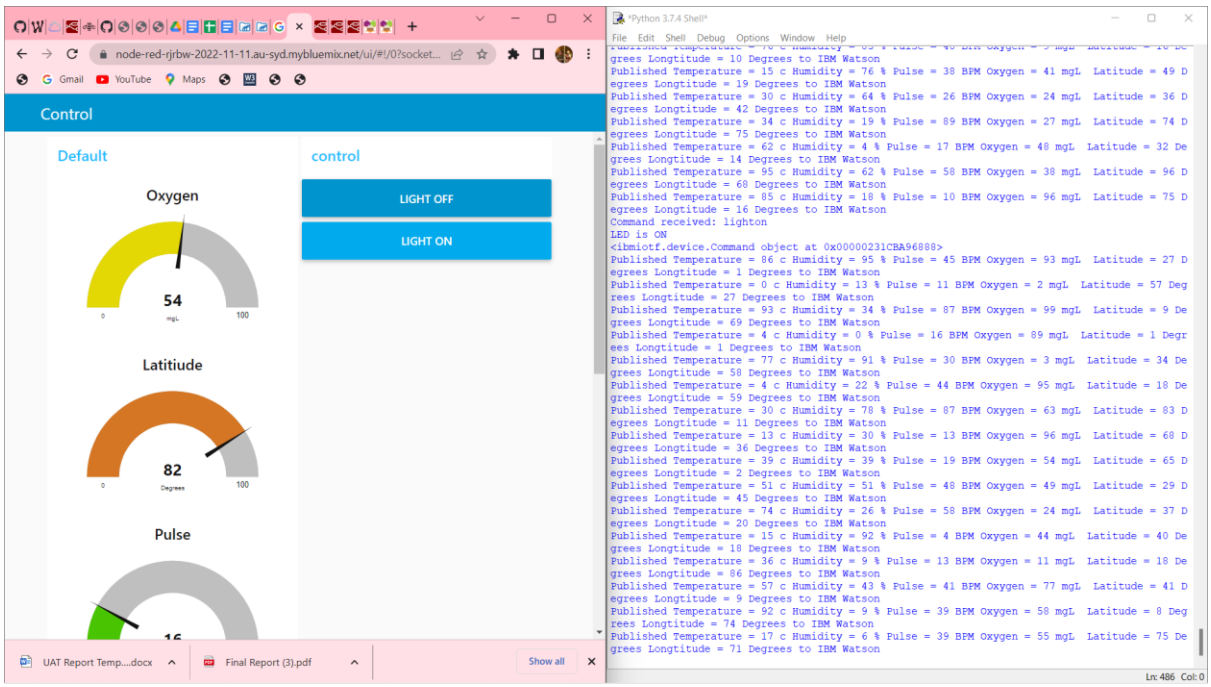
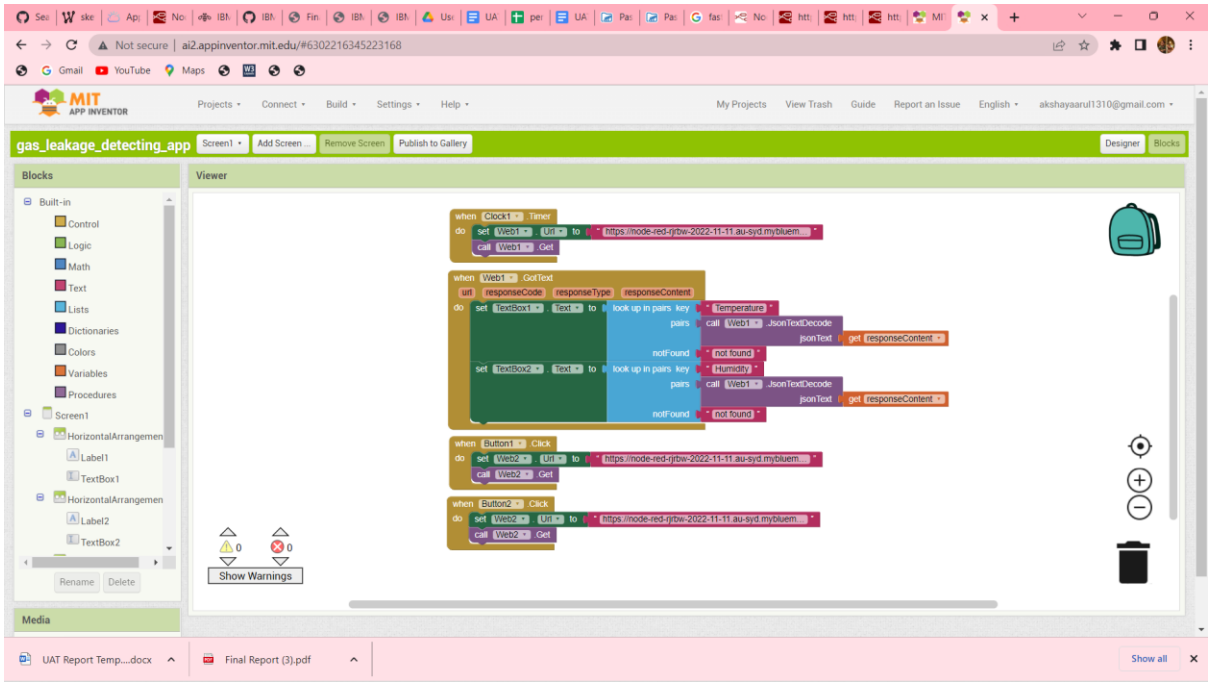

node-red-rjrbw-2022-11-11.au-syd.mybluemix.net/ui/#!/0?socket...
Gmail
YouTube
Maps
Control
Default
Oxygen
54
mgL
0
100
Latitiude
82
Degrees
Pulse
control
LIGHT OFF
LIGHT ON
UAT Report Temp....docx
Final Report (3).pdf
Show all
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
egrees Longtitude = 82 Degrees to IBM Watson
Published Temperature = 42 c Humidity = 68 % Pulse = 36 BPM Oxygen = 4 mgL Latitude = 99 De
grees Longtitude = 21 Degrees to IBM Watson
Published Temperature = 30 c Humidity = 20 % Pulse = 5 BPM Oxygen = 45 mgL Latitude = 90 De
grees Longtitude = 99 Degrees to IBM Watson
Published Temperature = 97 c Humidity = 23 % Pulse = 22 BPM Oxygen = 87 mgL Latitude = 47 D
egrees Longtitude = 38 Degrees to IBM Watson
Published Temperature = 53 c Humidity = 35 % Pulse = 37 BPM Oxygen = 97 mgL Latitude = 60 D
egrees Longtitude = 33 Degrees to IBM Watson
Published Temperature = 99 c Humidity = 19 % Pulse = 80 BPM Oxygen = 12 mgL Latitude = 86 D
egrees Longtitude = 68 Degrees to IBM Watson
Published Temperature = 64 c Humidity = 24 % Pulse = 49 BPM Oxygen = 27 mgL Latitude = 53 D
egrees Longtitude = 93 Degrees to IBM Watson
Published Temperature = 80 c Humidity = 48 % Pulse = 27 BPM Oxygen = 83 mgL Latitude = 76 D
egrees Longtitude = 37 Degrees to IBM Watson
Command received: lightoff
LED is OFF
<ibmiotf.device.Command object at 0x00000231CBA966C8>
Published Temperature = 52 c Humidity = 68 % Pulse = 48 BPM Oxygen = 85 mgL Latitude = 54 D
egrees Longtitude = 77 Degrees to IBM Watson
Published Temperature = 59 c Humidity = 56 % Pulse = 33 BPM Oxygen = 13 mgL Latitude = 94 D
egrees Longtitude = 45 Degrees to IBM Watson
Published Temperature = 86 c Humidity = 94 % Pulse = 77 BPM Oxygen = 26 mgL Latitude = 27 D
egrees Longtitude = 50 Degrees to IBM Watson
Published Temperature = 30 c Humidity = 93 % Pulse = 70 BPM Oxygen = 51 mgL Latitude = 4 De
grees Longtitude = 4 Degrees to IBM Watson
Published Temperature = 99 c Humidity = 49 % Pulse = 100 BPM Oxygen = 15 mgL Latitude = 42
Degrees Longtitude = 26 Degrees to IBM Watson
Published Temperature = 37 c Humidity = 33 % Pulse = 42 BPM Oxygen = 76 mgL Latitude = 43 D
egrees Longtitude = 0 Degrees to IBM Watson
Published Temperature = 31 c Humidity = 72 % Pulse = 88 BPM Oxygen = 26 mgL Latitude = 80 D
egrees Longtitude = 29 Degrees to IBM Watson
Published Temperature = 21 c Humidity = 53 % Pulse = 0 BPM Oxygen = 74 mgL Latitude = 89 De
grees Longtitude = 63 Degrees to IBM Watson
Published Temperature = 53 c Humidity = 14 % Pulse = 74 BPM Oxygen = 29 mgL Latitude = 96 D
egrees Longtitude = 83 Degrees to IBM Watson
Published Temperature = 36 c Humidity = 16 % Pulse = 64 BPM Oxygen = 8 mgL Latitude = 98 De
grees Longtitude = 80 Degrees to IBM Watson
Published Temperature = 10 c Humidity = 26 % Pulse = 36 BPM Oxygen = 53 mgL Latitude = 49 D
egrees Longtitude = 51 Degrees to IBM Watson
Published Temperature = 43 c Humidity = 60 % Pulse = 90 BPM Oxygen = 1 mgL Latitude = 34 De
grees Longtitude = 89 Degrees to IBM Watson
Published Temperature = 50 c Humidity = 61 % Pulse = 27 BPM Oxygen = 40 mgL Latitude = 36 D
egrees Longtitude = 91 Degrees to IBM Watson
Published Temperature = 6 c Humidity = 70 % Pulse = 31 BPM Oxygen = 56 mgL Latitude = 58 De
grees Longtitude = 60 Degrees to IBM Watson
Published Temperature = 29 c Humidity = 90 % Pulse = 29 BPM Oxygen = 40 mgL Latitude = 43 D
egrees Longtitude = 79 Degrees to IBM Watson
Ln: 486 Col: 0

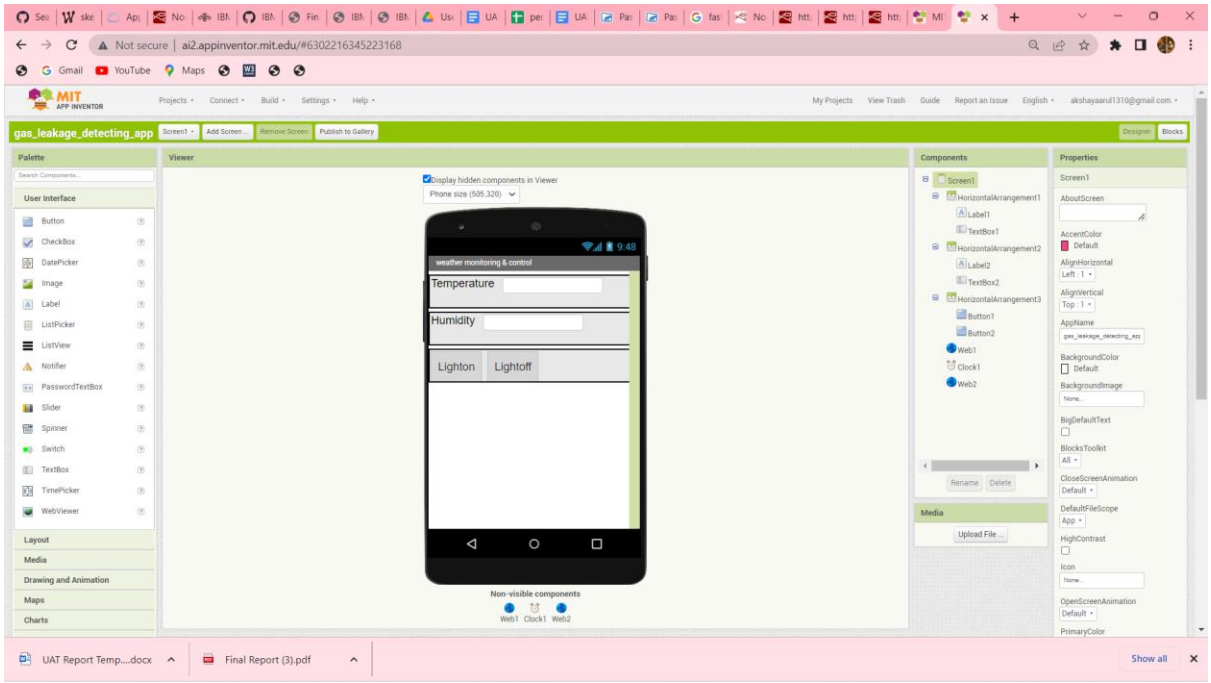

node-red-rjrbw-2022-11-11.au-syd.mybluemix.net/ui/#!/0?socket...
Gmail
YouTube
Maps
Control
Default
Oxygen
54
mgL
0
100
Latitiude
82
Degrees
Pulse
control
LIGHT OFF
LIGHT ON
UAT Report Temp....docx
Final Report (3).pdf
Show all
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
grees Longtitude = 10 Degrees to IBM Watson
Published Temperature = 15 c Humidity = 76 % Pulse = 38 BPM Oxygen = 41 mgL Latitude = 49 D
egrees Longtitude = 19 Degrees to IBM Watson
Published Temperature = 30 c Humidity = 64 % Pulse = 26 BPM Oxygen = 24 mgL Latitude = 36 D
egrees Longtitude = 42 Degrees to IBM Watson
Published Temperature = 34 c Humidity = 19 % Pulse = 89 BPM Oxygen = 27 mgL Latitude = 74 D
egrees Longtitude = 75 Degrees to IBM Watson
Published Temperature = 62 c Humidity = 4 % Pulse = 17 BPM Oxygen = 48 mgL Latitude = 32 De
grees Longtitude = 14 Degrees to IBM Watson
Published Temperature = 95 c Humidity = 62 % Pulse = 58 BPM Oxygen = 38 mgL Latitude = 96 D
egrees Longtitude = 68 Degrees to IBM Watson
Published Temperature = 85 c Humidity = 18 % Pulse = 10 BPM Oxygen = 96 mgL Latitude = 75 D
egrees Longtitude = 16 Degrees to IBM Watson
Command received: lighton
LED is ON
<ibmiotf.device.Command object at 0x00000231CBA96888>
Published Temperature = 86 c Humidity = 95 % Pulse = 45 BPM Oxygen = 93 mgL Latitude = 27 D
egrees Longtitude = 1 Degrees to IBM Watson
Published Temperature = 0 c Humidity = 13 % Pulse = 11 BPM Oxygen = 2 mgL Latitude = 57 Deg
rees Longtitude = 27 Degrees to IBM Watson
Published Temperature = 93 c Humidity = 34 % Pulse = 87 BPM Oxygen = 99 mgL Latitude = 9 De
grees Longtitude = 69 Degrees to IBM Watson
Published Temperature = 4 c Humidity = 0 % Pulse = 16 BPM Oxygen = 89 mgL Latitude = 1 Degr
ees Longtitude = 1 Degrees to IBM Watson
Published Temperature = 77 c Humidity = 91 % Pulse = 30 BPM Oxygen = 3 mgL Latitude = 34 De
grees Longtitude = 58 Degrees to IBM Watson
Published Temperature = 4 c Humidity = 22 % Pulse = 44 BPM Oxygen = 95 mgL Latitude = 18 De
grees Longtitude = 59 Degrees to IBM Watson
Published Temperature = 30 c Humidity = 70 % Pulse = 87 BPM Oxygen = 63 mgL Latitude = 83 D
egrees Longtitude = 11 Degrees to IBM Watson
Published Temperature = 13 c Humidity = 30 % Pulse = 13 BPM Oxygen = 96 mgL Latitude = 68 D
egrees Longtitude = 36 Degrees to IBM Watson
Published Temperature = 39 c Humidity = 39 % Pulse = 19 BPM Oxygen = 54 mgL Latitude = 65 D
egrees Longtitude = 2 Degrees to IBM Watson
Published Temperature = 51 c Humidity = 51 % Pulse = 48 BPM Oxygen = 49 mgL Latitude = 29 D
egrees Longtitude = 45 Degrees to IBM Watson
Published Temperature = 74 c Humidity = 26 % Pulse = 58 BPM Oxygen = 24 mgL Latitude = 37 D
egrees Longtitude = 20 Degrees to IBM Watson
Published Temperature = 15 c Humidity = 92 % Pulse = 4 BPM Oxygen = 44 mgL Latitude = 40 De
grees Longtitude = 18 Degrees to IBM Watson
Published Temperature = 36 c Humidity = 9 % Pulse = 13 BPM Oxygen = 11 mgL Latitude = 18 De
grees Longtitude = 86 Degrees to IBM Watson
Published Temperature = 57 c Humidity = 43 % Pulse = 41 BPM Oxygen = 77 mgL Latitude = 41 D
egrees Longtitude = 9 Degrees to IBM Watson
Published Temperature = 92 c Humidity = 9 % Pulse = 39 BPM Oxygen = 58 mgL Latitude = 8 Deg
rees Longtitude = 74 Degrees to IBM Watson
Published Temperature = 17 c Humidity = 6 % Pulse = 39 BPM Oxygen = 55 mgL Latitude = 75 De
grees Longtitude = 71 Degrees to IBM Watson
Ln: 486 Col: 0

{"command":"lighton"}

{"command":"lightoff"}


Not secure | ai2.appinventor.mit.edu/#6302216345223168
MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
akshayaarul1310@gmail.com
gas_leakage_detecting_app
Screen1
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen1
HorizontalArrangemen
Label1
TextBox1
HorizontalArrangemen
Label2
TextBox2
Rename
Delete
Media
when Clock1 Timer
do set Web1 Url to https://node-red-rjrbw-2022-11-11.au-syd.mybluem...
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 not found
set TextBox2 Text to look up in pairs key Humidity
pairs call Web1 JsonTextDecode
jsonText get responseContent
notFound not found
when Button1 Click
do set Web2 Url to https://node-red-rjrbw-2022-11-11.au-syd.mybluem...
call Web2 Get
when Button2 Click
do set Web2 Url to https://node-red-rjrbw-2022-11-11.au-syd.mybluem...
call Web2 Get
0
0
Show Warnings
UAT Report Temp....docx
Final Report (3).pdf
Show all

16:22
15%
weather monitoring & control
Temperature
30
Humidity
10
Lighton
Lightoff


Not secure | ai2.appinventor.mit.edu/#6302216345223168
MIT APP INVENTOR
gas_leakage_detecting_app
Palette
Viewer
Components
Properties
Display hidden components in Viewer
Phone size (505,320)
weather monitoring & control
Temperature
Humidity
Lighton
Lightoff
Non-visible components
Web1
Clock1
Web2
Media
Upload File ...
UAT Report Temp....docx
Final Report (3).pdf
Show all