SPRINT-3

TEAM ID : PNT2022TMID40953

REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

DESIGN AN APP IN MIT APP INVENTOR

PARAMETERS ARE:

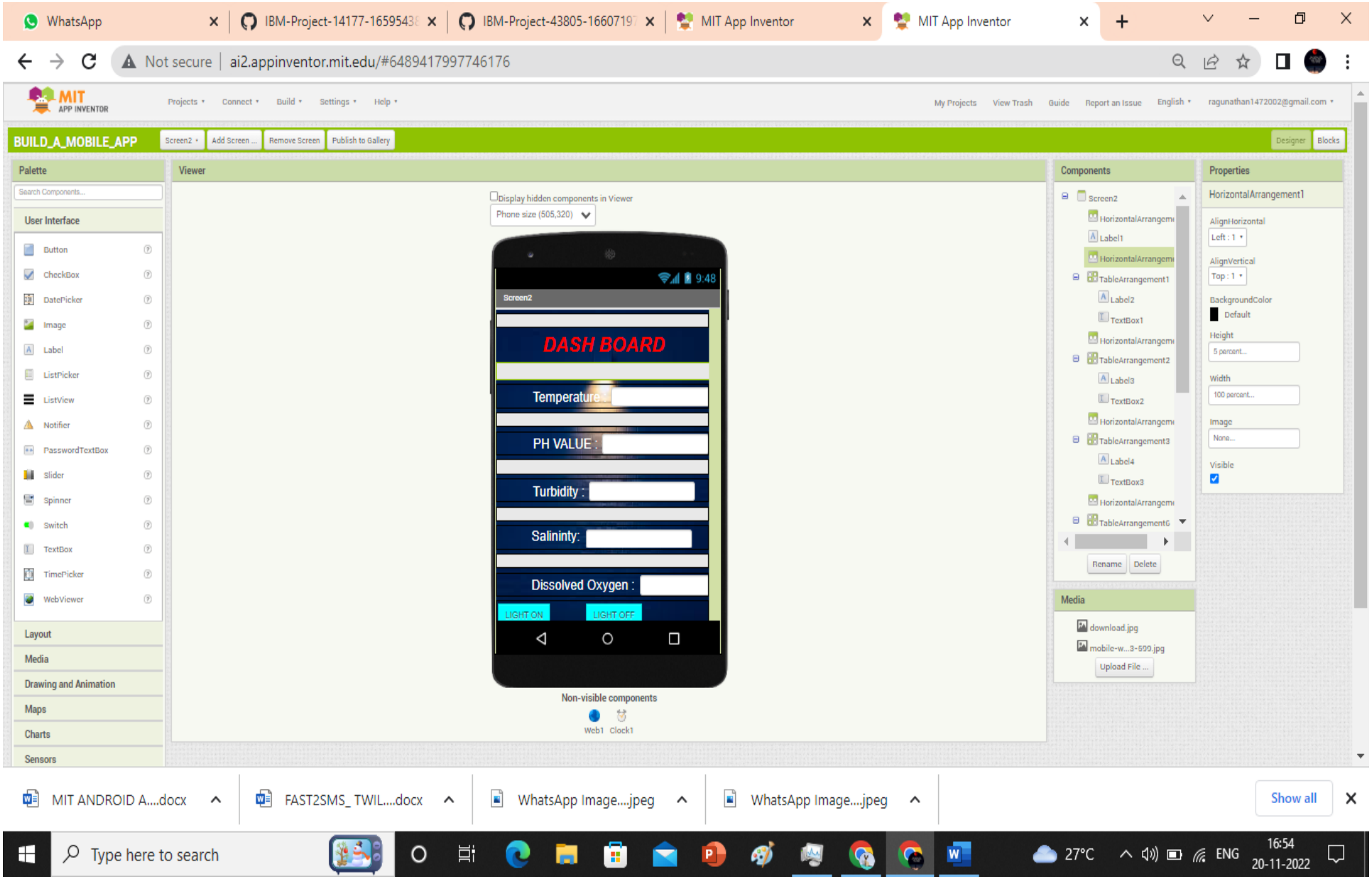
1.PH

2.Water turbidity

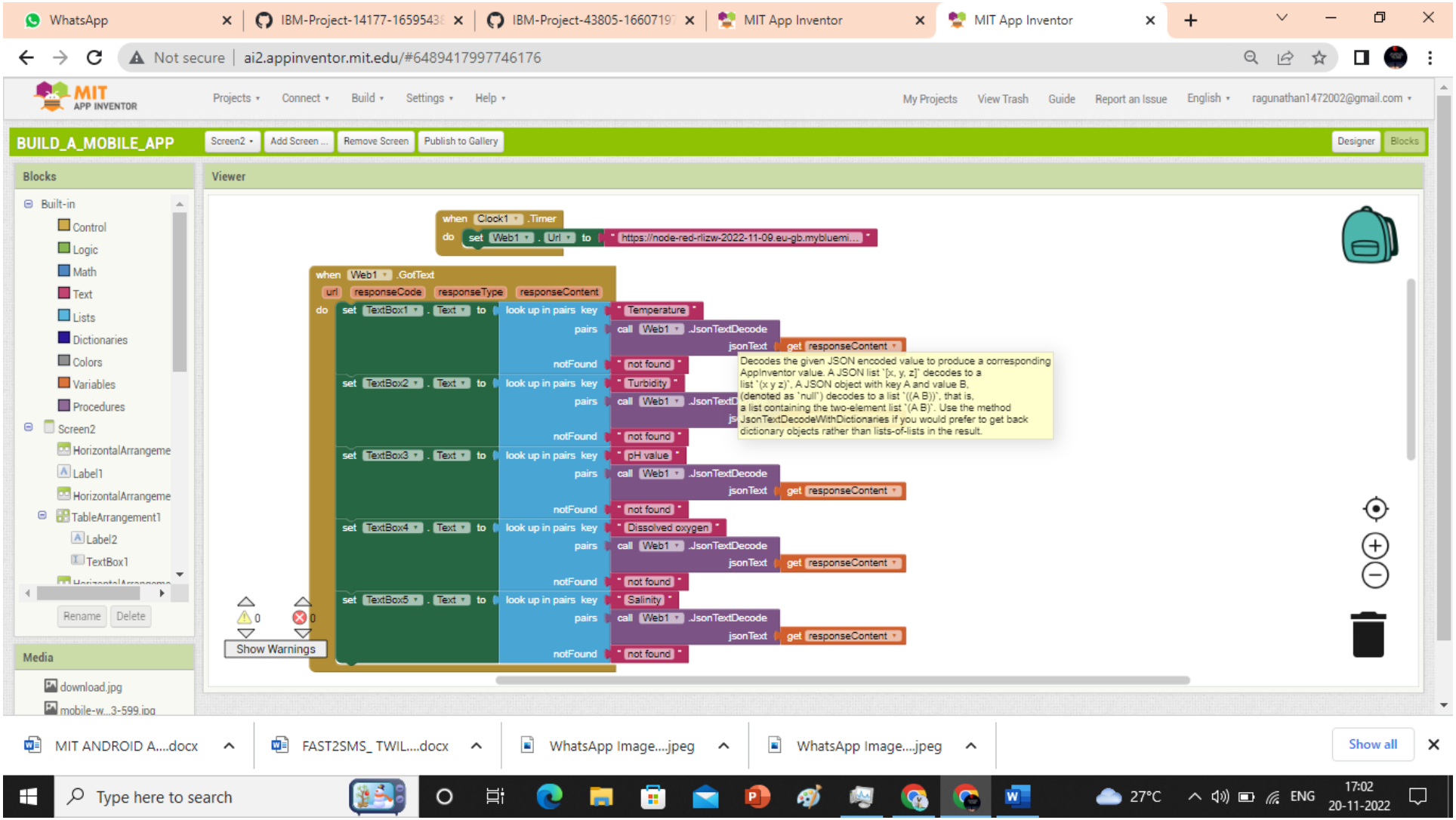
3.Temperature

4.Salinity

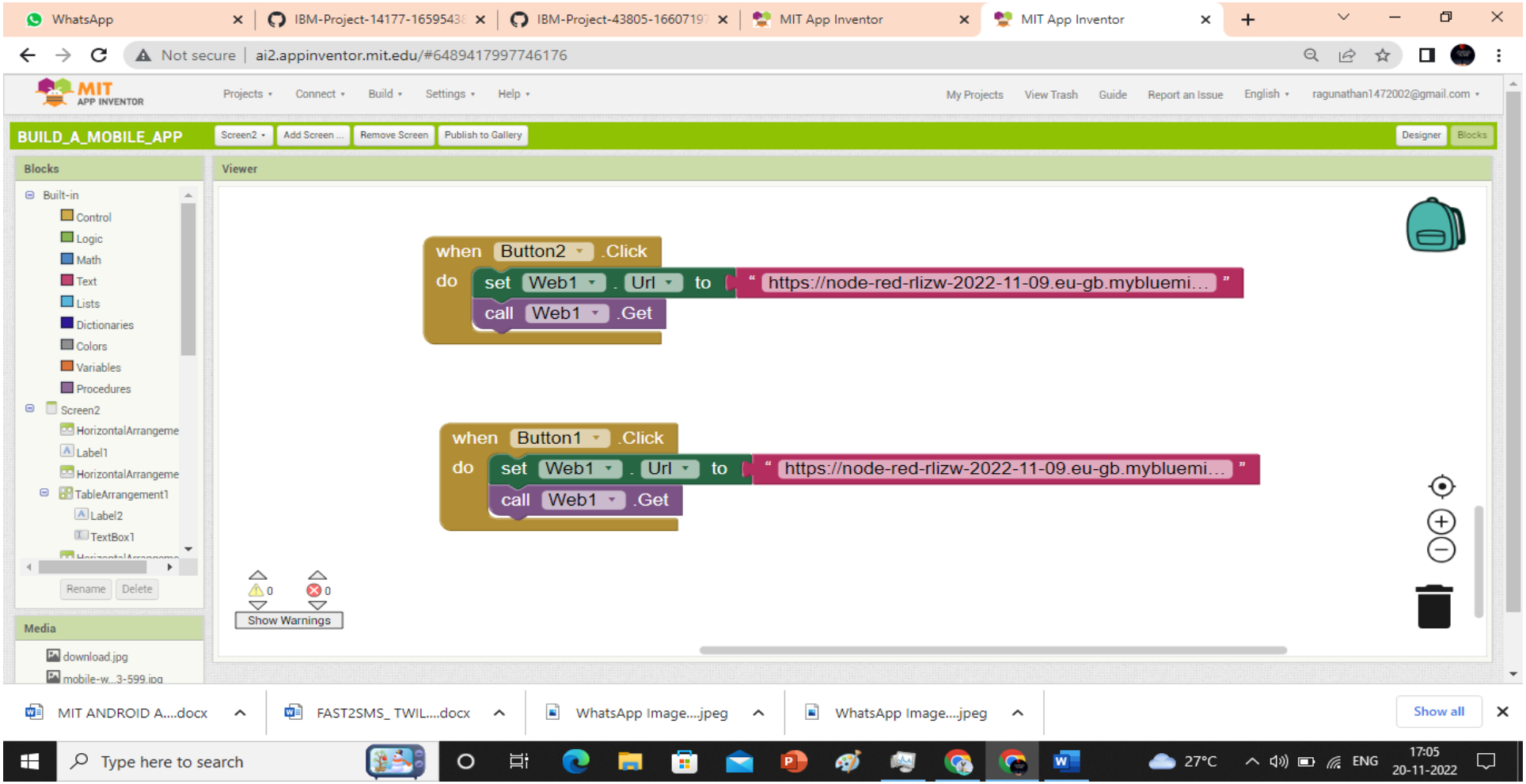
5.Dissolved oxygen


WhatsApp
IBM-Project-14177-1659543
IBM-Project-43805-1660719
MIT App Inventor
MIT App Inventor
Not secure
ai2.appinventor.mit.edu/#6489417997746176
MIT APP INVENTOR
Projects
Connect
Build
Settings
Help
My Projects
View Trash
Guide
Report an Issue
English
ragunathan1472002@gmail.com
BUILD_A_MOBILE_APP
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Palette
Search Components...
User Interface
Button
CheckBox
DatePicker
Image
Label
ListPicker
ListView
Notifier
PasswordTextBox
Slider
Spinner
Switch
TextBox
TimePicker
WebViewer
Layout
Media
Drawing and Animation
Maps
Charts
Sensors
Viewer
Display hidden components in Viewer
Phone size (505,320)
9:48
Screen2
DASH BOARD
Temperature :
PH VALUE :
Turbidity :
Salininy:
Dissolved Oxygen :
LIGHT ON
LIGHT OFF
Non-visible components
Web1
Clock1
Components
Screen2
HorizontalArrangem
Label1
HorizontalArrangem
TableArrangement1
Label2
TextBox1
HorizontalArrangem
TableArrangement2
Label3
TextBox2
HorizontalArrangem
TableArrangement3
Label4
TextBox3
HorizontalArrangem
TableArrangement6
Rename
Delete
Media
download.jpg
mobile-w...3-599.jpg
Upload File ...
Properties
HorizontalArrangement1
AlignHorizontal
Left : 1
AlignVertical
Top : 1
BackgroundColor
Default
Height
5 percent...
Width
100 percent...
Image
None...
Visible
MIT ANDROID A....docx
FAST2SMS_ TWIL....docx
WhatsApp Image....jpeg
WhatsApp Image....jpeg
Show all
Type here to search
27°C
ENG
16:54
20-11-2022

FRAME THE BLOCKS FOR FUNCTIONING:

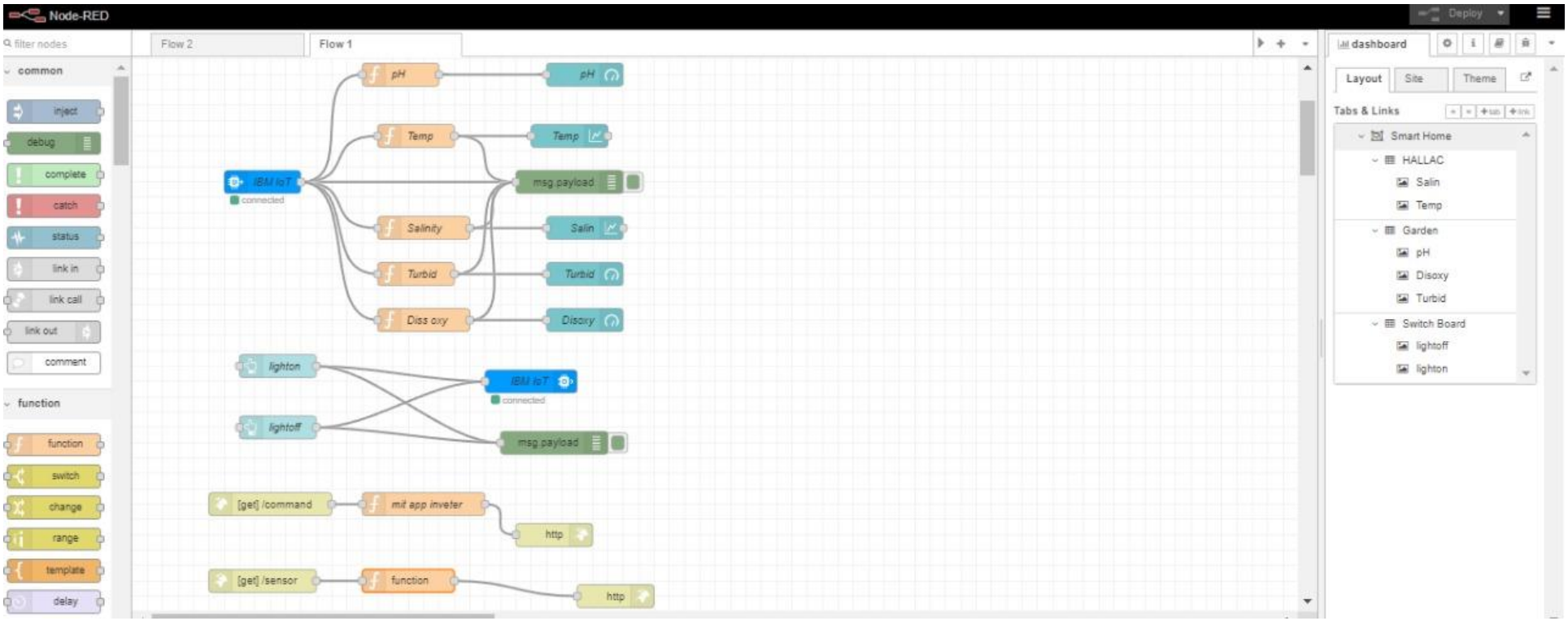


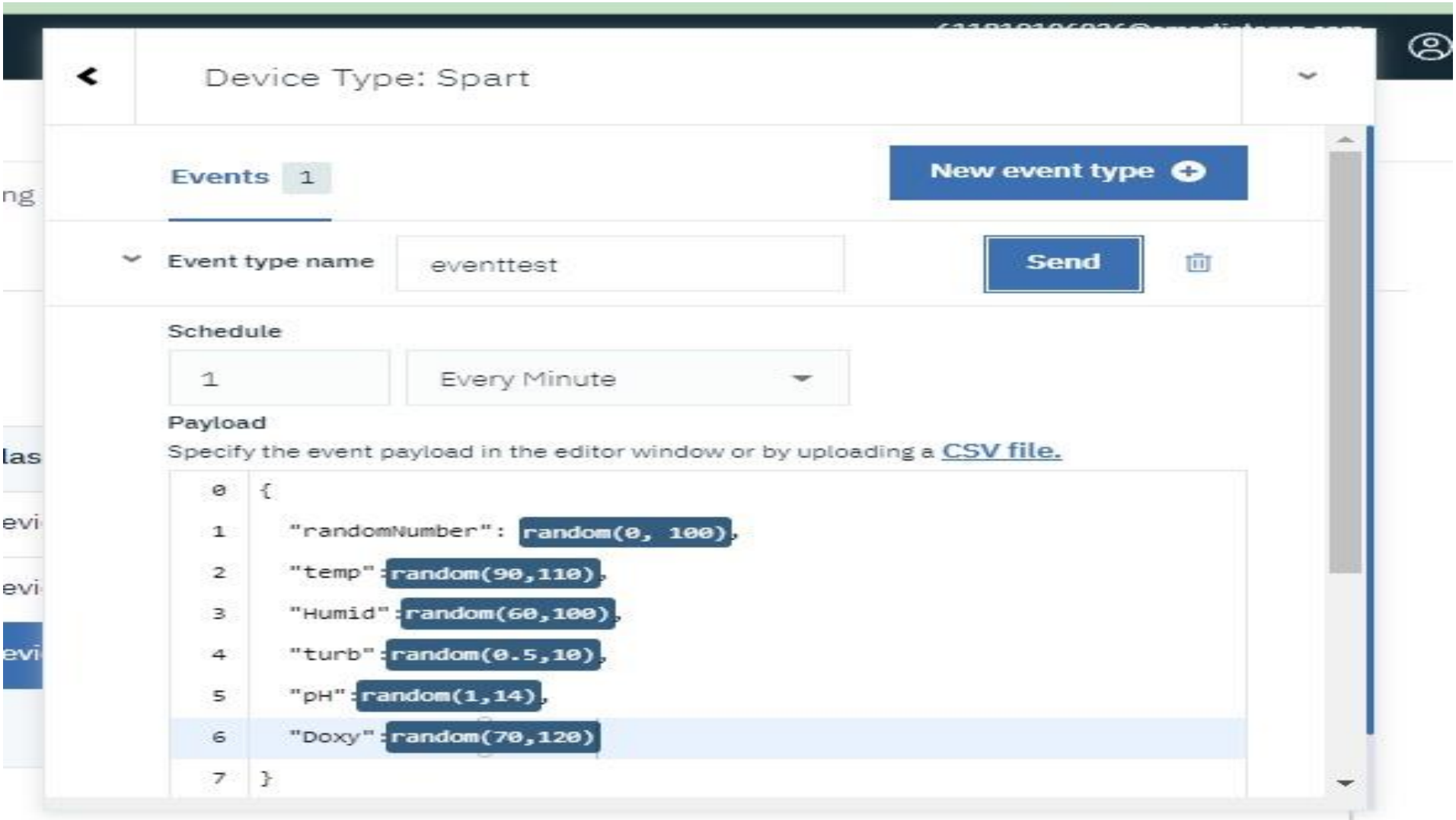
FOR BUTTONS:



https://node-red-rlizw-2022-11-09.eu-gb.mybluemix.net/sensor

{"pH":6,"temp":72,"Salin":32,"turb":8,"Doxy":119}


Node-RED
Deploy
filter nodes
Flow 2
Flow 1
dashboard
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
pH
pH
Temp
Temp
IBM IoT
connected
msg.payload
Salinity
Salin
Turbid
Turbid
Diss oxy
Disoxy
lighton
lightoff
IBM IoT
connected
msg.payload
[get] /command
mit app inveter
http
[get] /sensor
function
http
Layout
Site
Theme
Tabs & Links
Smart Home
HALLAC
Salin
Temp
Garden
pH
Disoxy
Turbid
Switch Board
lightoff
lighton


Device Type: Spart
Events 1
New event type
Event type name
eventtest
Send
Schedule
1
Every Minute
Payload
Specify the event payload in the editor window or by uploading a CSV file.
{
"randomNumber": random(0, 100),
"temp":random(90,110),
"Humid":random(60,100),
"turb":random(0.5,10),
"pH":random(1,14),
"Doxy":random(70,120)
}

APP IN MOBILE