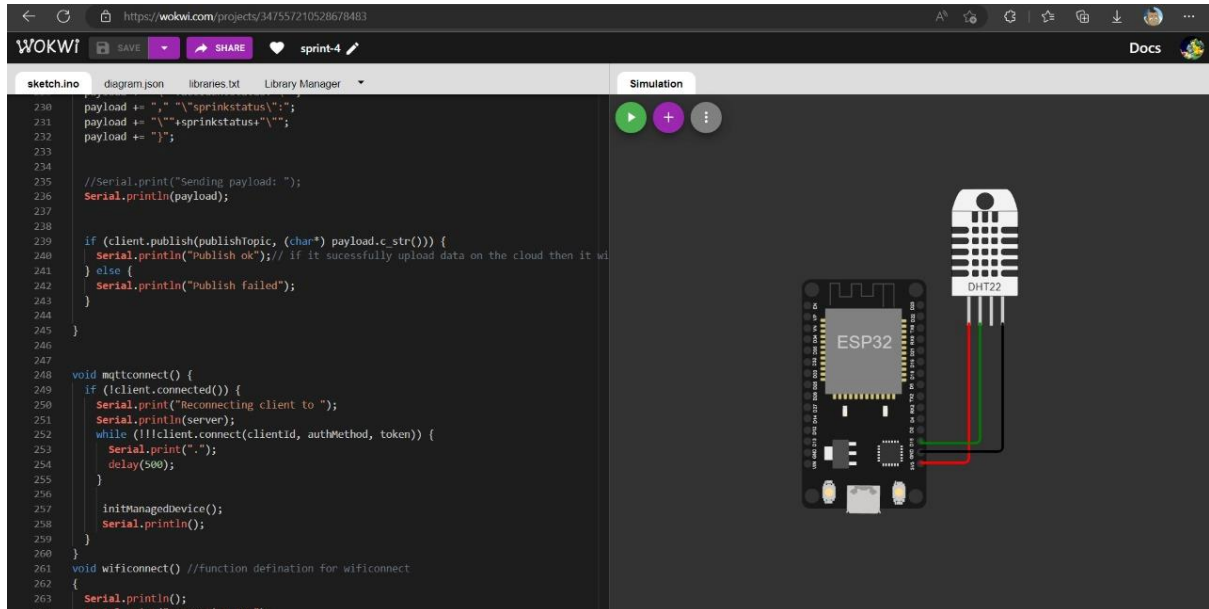


# FINAL DELIVERABLE PROJECT

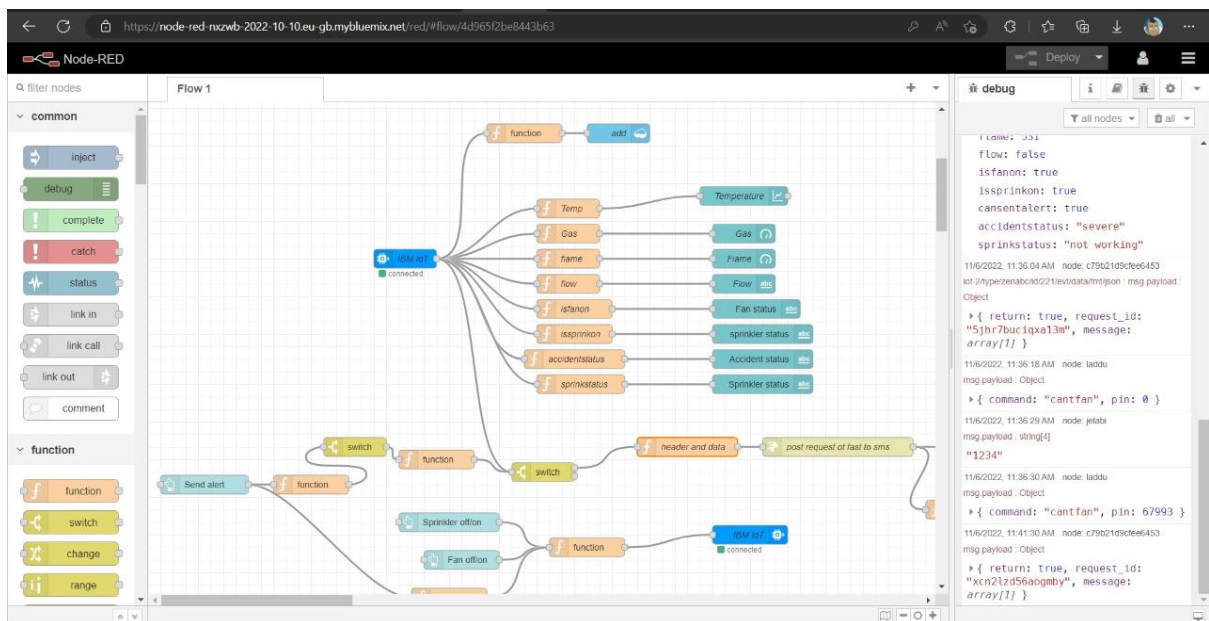
LINK: <https://wokwi.com/projects/348645249692729940>

DEMO VIDEO LINK: <https://youtu.be/jh-rNqebjDI>

WOWKI:



NODE RED:



## IBM WATSON:

The screenshot shows the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons. The main content area is titled 'Recent Events' and displays a table of live data events. The table has four columns: 'Event', 'Value', 'Format', and 'Last Received'. Below the table, there is a pagination control showing '1 of 1 page' and '1' items per page.

Event	Value	Format	Last Received
data	{"temp":10.9,"gas":141,"flame":155,"flow":false,...	json	a few seconds ago
data	{"temp":10.9,"gas":207,"flame":1017,"flow":fals...	json	a few seconds ago
data	{"temp":10.9,"gas":322,"flame":855,"flow":false,...	json	a few seconds ago
data	{"temp":10.9,"gas":37,"flame":693,"flow":false,"l...	json	a few seconds ago
data	{"temp":10.9,"gas":103,"flame":531,"flow":false,...	json	a few seconds ago

## NODE RED[WEB APP]:

The screenshot shows the Node-RED web application interface. The top navigation bar includes 'Home' and 'Incorrect'. The main content area is titled 'Main' and displays a dashboard with several widgets. On the left, there is a 'chart' widget showing a line graph. In the center, there are two circular gauges: 'Gas' with a value of 356 ppm and 'Flame' with a value of 568. On the right, there is a 'Device status' section showing 'Fan status: true', 'sprinkler status: false', and 'Flow: true'. Below this, there is a 'Control unit' section with a 'pin' field and three buttons: 'FAN OFF/ON', 'SPRINKLER OFF/ON', and 'SEND ALERT'.

**Main**

**chart**

iot-2/type/zenabc/id/221/ev0/data/fmt/json

**Gas**

356 ppm

**Flame**

568

**Device status**

Fan status: **true**

sprinkler status: **false**

Flow: **true**

**Control unit**

pin: .....

FAN OFF/ON

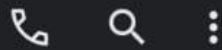
SPRINKLER OFF/ON

SEND ALERT

12:12

72%

← 57575711



08:08

Texting with 57575711 (SMS/MMS)

12:11



Fire accident occurred at 13.0110° N,  
80.2354° E sprinkler and exhaust fan  
turned on, Hurry

Now



Text message



Physical Components Used :

Esp32 Microcontroller

Dht22 Temperature and Gas Sensor

Digital Data (Random Data) :

Flame Sensor

Flow Sensor