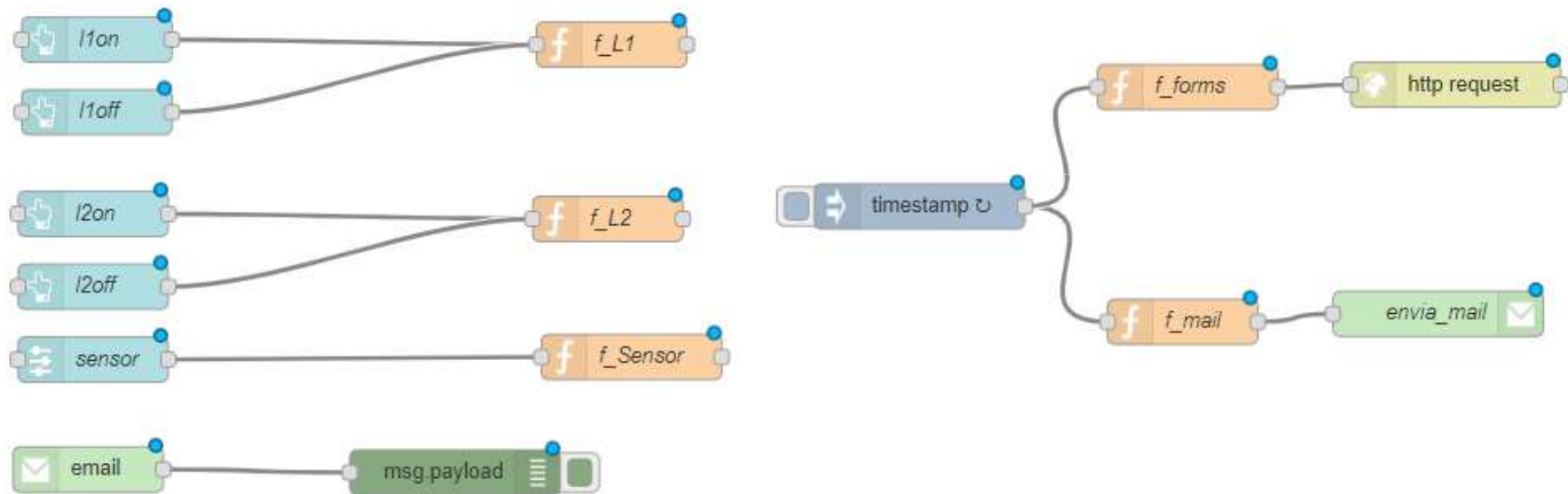


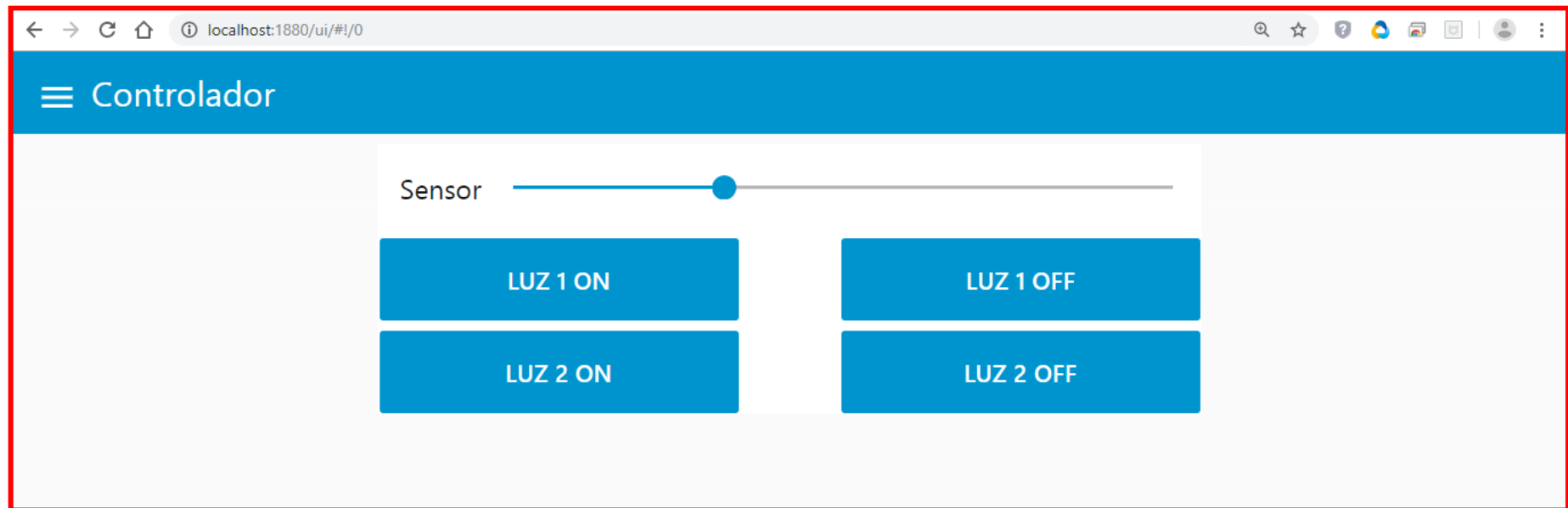
NODE-RED COM GMAIL E GOOGLE FORMS

Professor Leandro Vasconcelos dos Reis

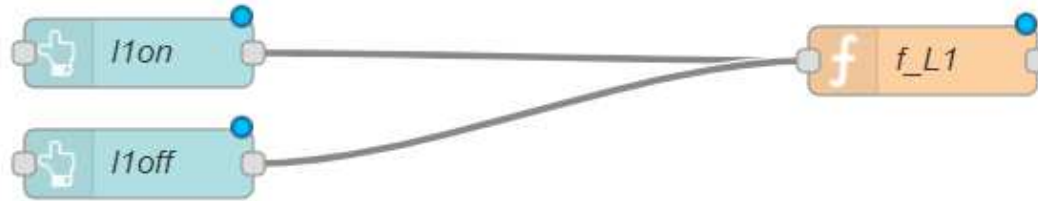
Tarefa



DASHBOARD



LUZ 1



Edit button node

Delete Cancel Done

Properties

Group [Controlador] CASA

Size 4 x 1

Icon optional icon

Label Luz 1 On

Tooltip optional tooltip

Colour optional text/icon color

Background optional background color

When clicked, send:

Payload 1

Topic

If msg arrives on input, emulate a button click: ☐

Name l1on

Edit button node

Delete Cancel Done

Properties

Group [Controlador] CASA

Size 4 x 1

Icon optional icon

Label Luz 1 OFF

Tooltip optional tooltip

Colour optional text/icon color

Background optional background color

When clicked, send:

Payload 0

Topic

If msg arrives on input, emulate a button click: ☐

Name l1off

Edit function node

Delete Cancel Done

Properties

Name f_L1

Function

```
1 var valorL1;  
2  
3 global.set("valorL1", msg);  
4  
5 return msg;
```

Outputs 1

LUZ 2



Edit button node

Delete Cancel Done

Properties

Group [Controlador] CASA

Size 4 x 1

Icon optional icon

Label Luz 2 On

Tooltip optional tooltip

Colour optional text/icon color

Background optional background color

When clicked, send:

Payload % 1

Topic

If msg arrives on input, emulate a button click: ☐

Name l2on

Edit button node

Delete Cancel Done

Properties

Group [Controlador] CASA

Size 4 x 1

Icon optional icon

Label Luz 2 OFF

Tooltip optional tooltip

Colour optional text/icon color

Background optional background color

When clicked, send:

Payload % 0

Topic

If msg arrives on input, emulate a button click: ☐

Name l2off

Edit function node

Delete Cancel Done

Properties

Name f_L2

Function

```
1 var valorL2;  
2  
3 global.set("valorL2", msg);  
4  
5 return msg;
```

Outputs 1

SENSOR



Edit slider node

Delete Cancel Done

Properties

Group [Controlador] CASA

Size auto

Label Sensor

Tooltip optional tooltip

Range min 0 max 100 step 1

Output continuously while sliding

→ If `msg` arrives on input, set slider to new payload value: ☒

☒ When changed, send:

Payload Current value

Topic

Name sensor

Edit function node

Delete Cancel Done

Properties

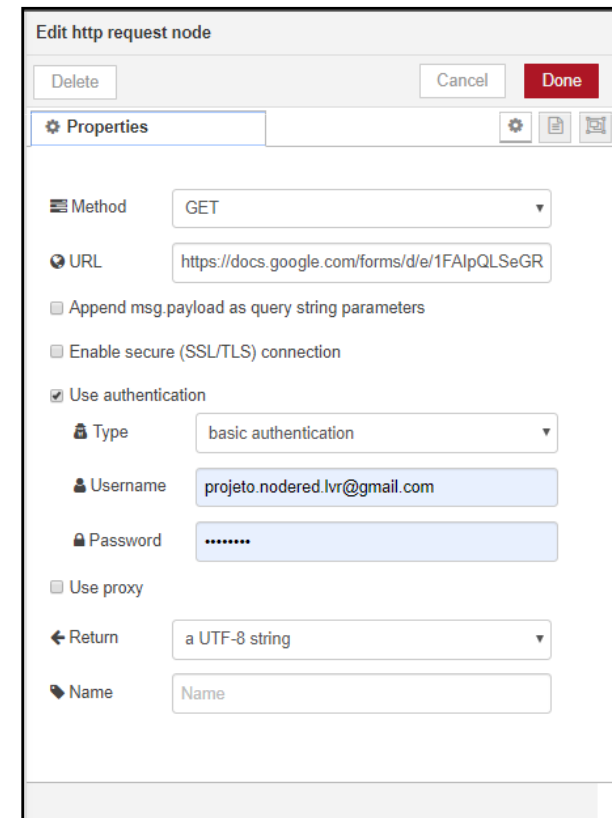
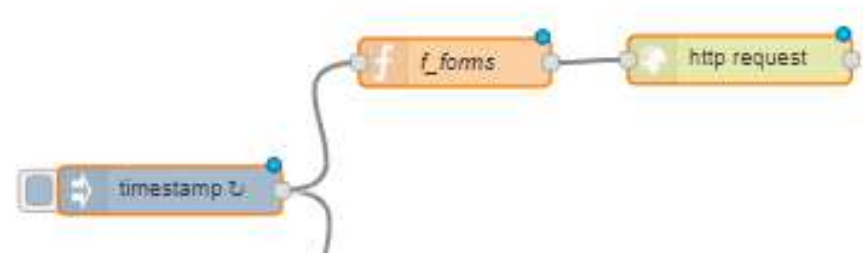
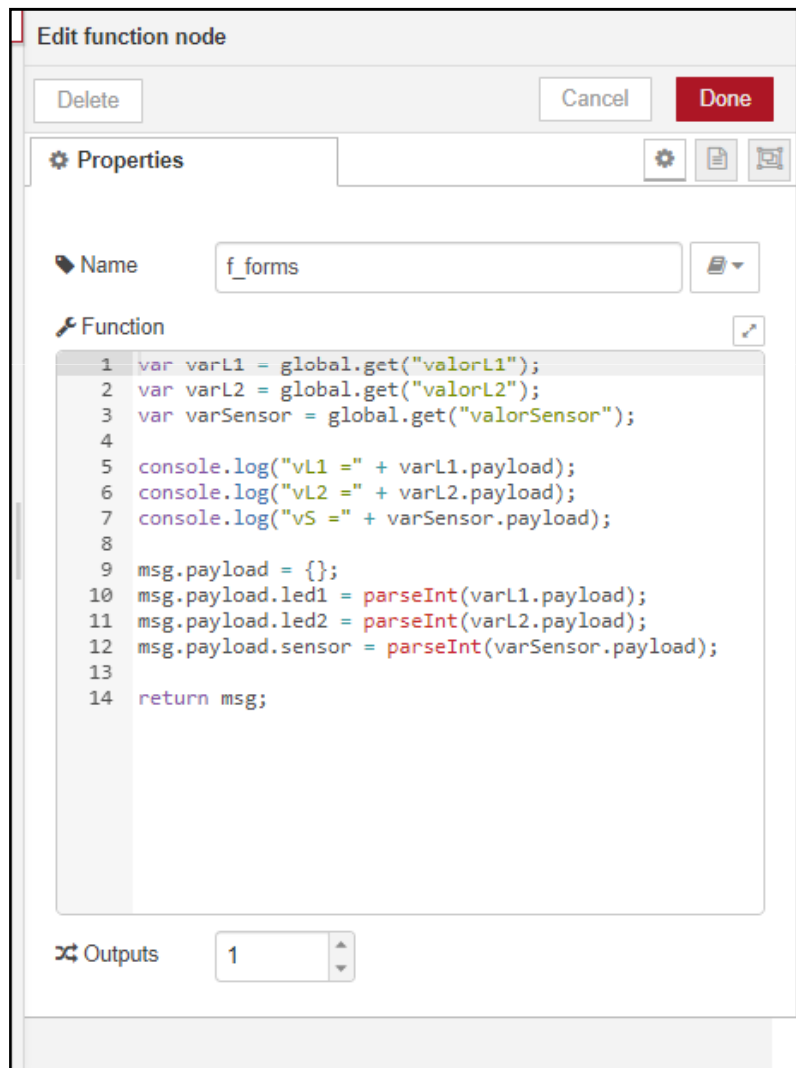
Name f_Sensor

Function

```
1 var valorSensor;  
2  
3 global.set("valorSensor", msg);  
4  
5 return msg;
```


Outputs 1

ENVIO PARA GOOGLE FORMS



LINK

gerado e modificado



https://docs.google.com/forms/d/e/1FAIpQLSeGRNv34p3_Ituj-aQ5lh3E_XkSXq1XoeBO1CB50I988MeRYg/formResponse?usp=pp_url&entry.575663313={{payload.led1}}&entry.1382064590={{payload.led2}}&entry.849363663={{payload.sensor}}

ENVIO PARA GMAIL

Edit function node

Delete Cancel Done

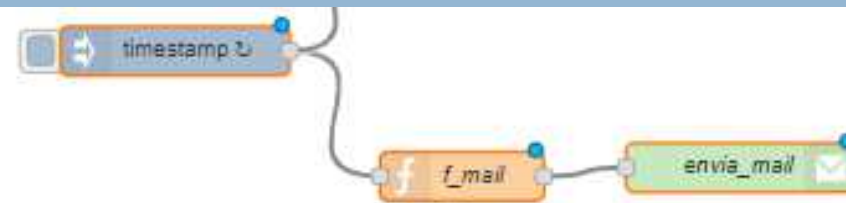
Properties

Name

Function

```
1 var varL1 = global.get("valorL1");
2 var varL2 = global.get("valorL2");
3 var varSensor = global.get("valorSensor");
4
5 msg.payload = {};
6 msg.payload.L1 = parseInt(varL1.payload);
7 msg.payload.L2 = parseInt(varL2.payload);
8 msg.payload.Sensor = parseInt(varSensor.payload);
9
10 msg = {
11   payload:
12     "Luz 1 = " + msg.payload.L1 + "\n\n" +
13     "Luz 2 = " + msg.payload.L2 + "\n\n" +
14     "Sensor = " + msg.payload.Sensor,
15   topic: "node-red - Status!!!" + Date().toString()
16 }
17 return msg;
```

Outputs 1



Edit email node

Delete Cancel Done

Properties

To

Server

Port ☒ Use secure connection.

UserId

Password

Use TLS? ☐

Name

LEITURA DO GMAIL

Edit email node

Delete Cancel Done

⚙ Properties

🕒 Get mail automatically every 30 seconds

✉ Protocol IMAP

🔒 Use SSL? ☒

🌐 Server imap.gmail.com

🔌 Port 993

👤 Userid projeto.nodered.lvr@gmail.com

🔒 Password

📁 Folder inbox

🗑 Disposition Mark Read

🔍 Criteria Unseen

📌 Name Name

