Develop a Web Application Using Node-Red Service

Python Output:

```
*Python 3.7.0 Shell*                                              —  □  ×

File  Edit  Shell  Debug  Options  Window  Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Inte
l)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
============ RESTART: C:\Users\sobi\OneDrive\Documents\ibmiot.py ============
2022-11-18 21:19:17,640   ibmiotf.device.Client      INFO    Connected successfu
lly: d:bx1po5:abcd:1234
Published Temperature = 41 C Humidity = 88 % moisture = 58 % to IBM Watson
Published Temperature = 10 C Humidity = 71 % moisture = 27 % to IBM Watson
Published Temperature = 33 C Humidity = 3 % moisture = 37 % to IBM Watson
Published Temperature = 25 C Humidity = 91 % moisture = 92 % to IBM Watson
Published Temperature = 68 C Humidity = 72 % moisture = 20 % to IBM Watson
Published Temperature = 31 C Humidity = 14 % moisture = 73 % to IBM Watson
Published Temperature = 79 C Humidity = 86 % moisture = 80 % to IBM Watson
Published Temperature = 45 C Humidity = 37 % moisture = 26 % to IBM Watson
Published Temperature = 66 C Humidity = 49 % moisture = 17 % to IBM Watson
Published Temperature = 30 C Humidity = 98 % moisture = 28 % to IBM Watson
Published Temperature = 43 C Humidity = 6 % moisture = 13 % to IBM Watson
Published Temperature = 78 C Humidity = 25 % moisture = 28 % to IBM Watson
Published Temperature = 78 C Humidity = 92 % moisture = 34 % to IBM Watson
Published Temperature = 99 C Humidity = 54 % moisture = 8 % to IBM Watson
Published Temperature = 89 C Humidity = 58 % moisture = 81 % to IBM Watson
Published Temperature = 33 C Humidity = 16 % moisture = 18 % to IBM Watson
Published Temperature = 94 C Humidity = 76 % moisture = 39 % to IBM Watson
```

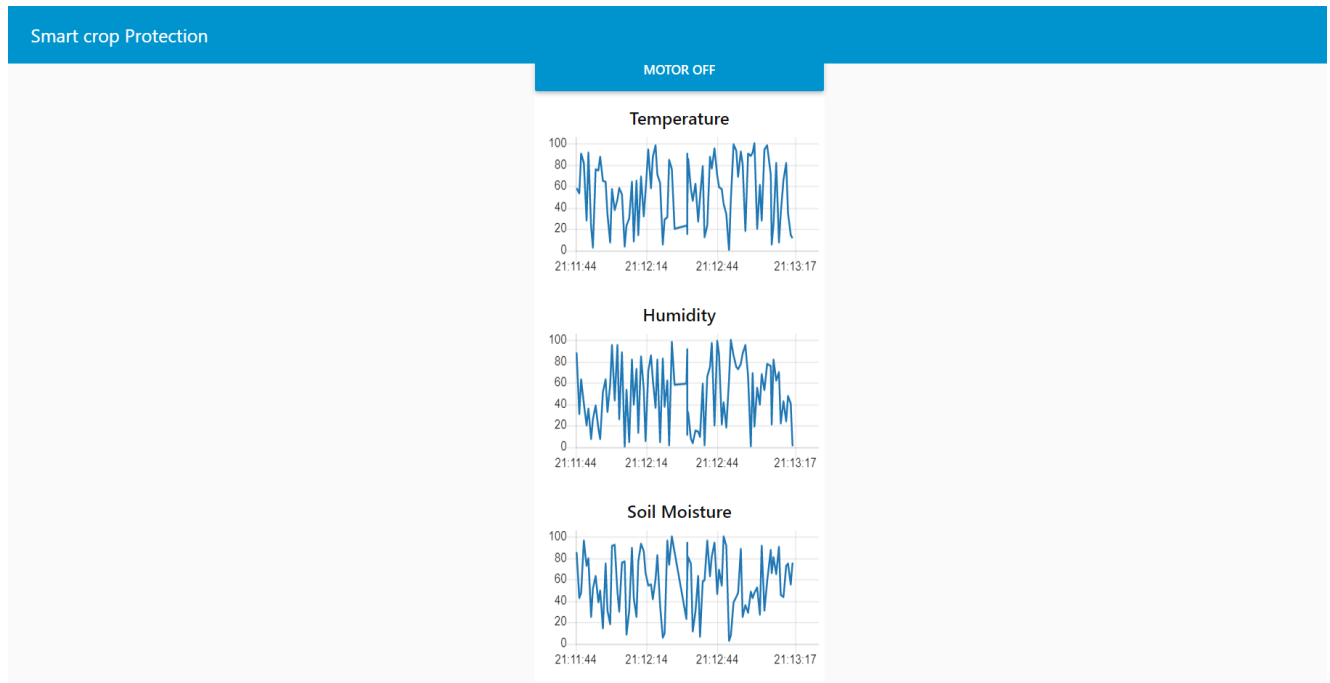## Connected to IBM IoT Platform and get the Value:

IBM Watson IoT Platform

snekapadma2001@gmail.com
ID: bx1po5

Browse   Action   Device Types   Interfaces   Add Device ⊕

Search by Device ID   Device Simulator ◉

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
☑	1234	● Connected	abcd	Device	Nov 18, 2022 10:48 AM	→ ⋯

Identity   Device Information   Recent Events   State   Logs   ✕

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
IoTSensor	{"temp":58,"Humid":15,"moisture":31}	json	a few seconds ago
IoTSensor	{"temp":14,"Humid":36,"moisture":51}	json	a few seconds ago
IoTSensor	{"temp":15,"Humid":72,"moisture":37}	json	a few seconds ago
IoTSensor	{"temp":70,"Humid":60,"moisture":64}	json	a few seconds ago
IoTSensor	{"temp":36,"Humid":84,"moisture":2}	json	a few seconds ago

Node-Red Flow diagram:
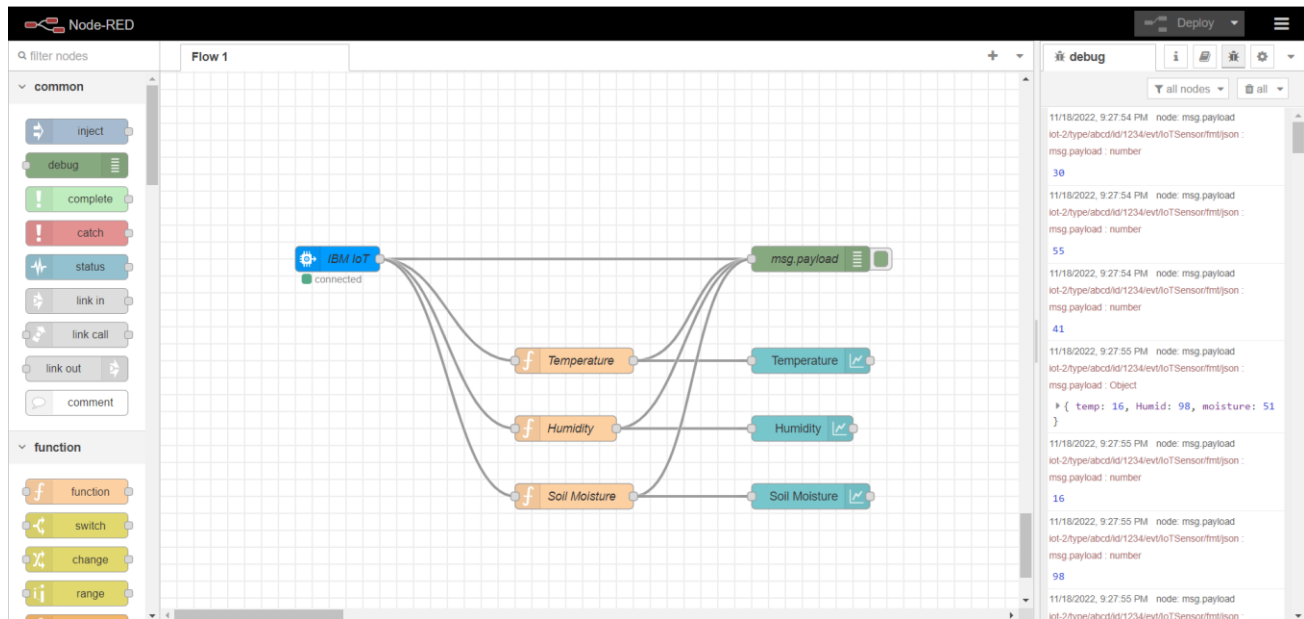
Output of Node-Red:

Button to Control the Motor: