

Sprint-2

Team ID: PNT2022TMID18045

Project Name: IoT Based Smart Crop Protection System for Agriculture

Data is brought to Node-Red and displayed in dashboard.

Steps:

1. IBM Watson IoT Platform is used to generate sensor data. Necessary API key is provided to establish connection.
2. Data are obtained independently using functions namely Temperature, Humidity and Moisture and displayed in dashboard.
3. Dashboard are used to display the sensed data to the user in a web site.

Source code:

Temperature function:

```
msg.payload = msg.payload.temperature;  
return msg;
```

Humidity function:

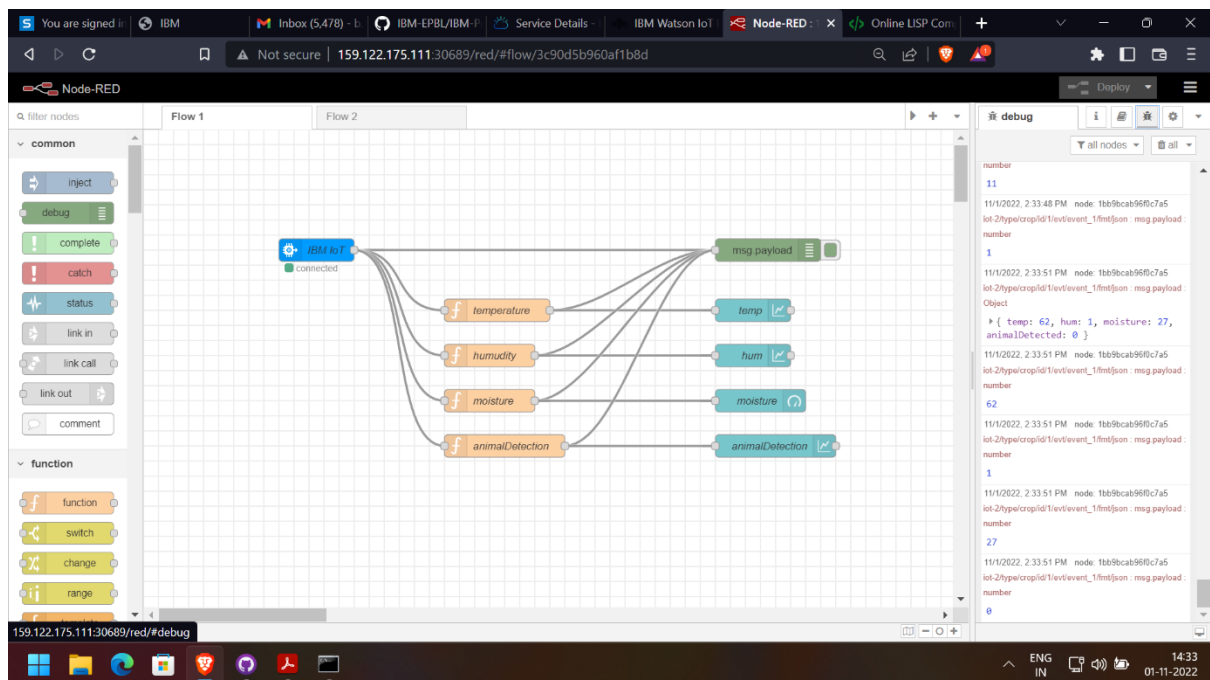
```
msg.payload = msg.payload.humidity;  
return msg;
```

Moisture function:

```
msg.payload = msg.payload.moisture;  
return msg;
```

Output:

Data is brought to Node-RED



Dashboard

