

SPRINT 4

Date	14 November 2022
Team ID	PNT2022TMID36144
Project Name	Smart Farmer- IOT Enabled Smart Farming Application

Task:

Web UI setup fetching data from cloud to sent to the web UI and the application

UI setup:

Create function flow and write the command in the

```
msg.payload = msg.payload.temp
```

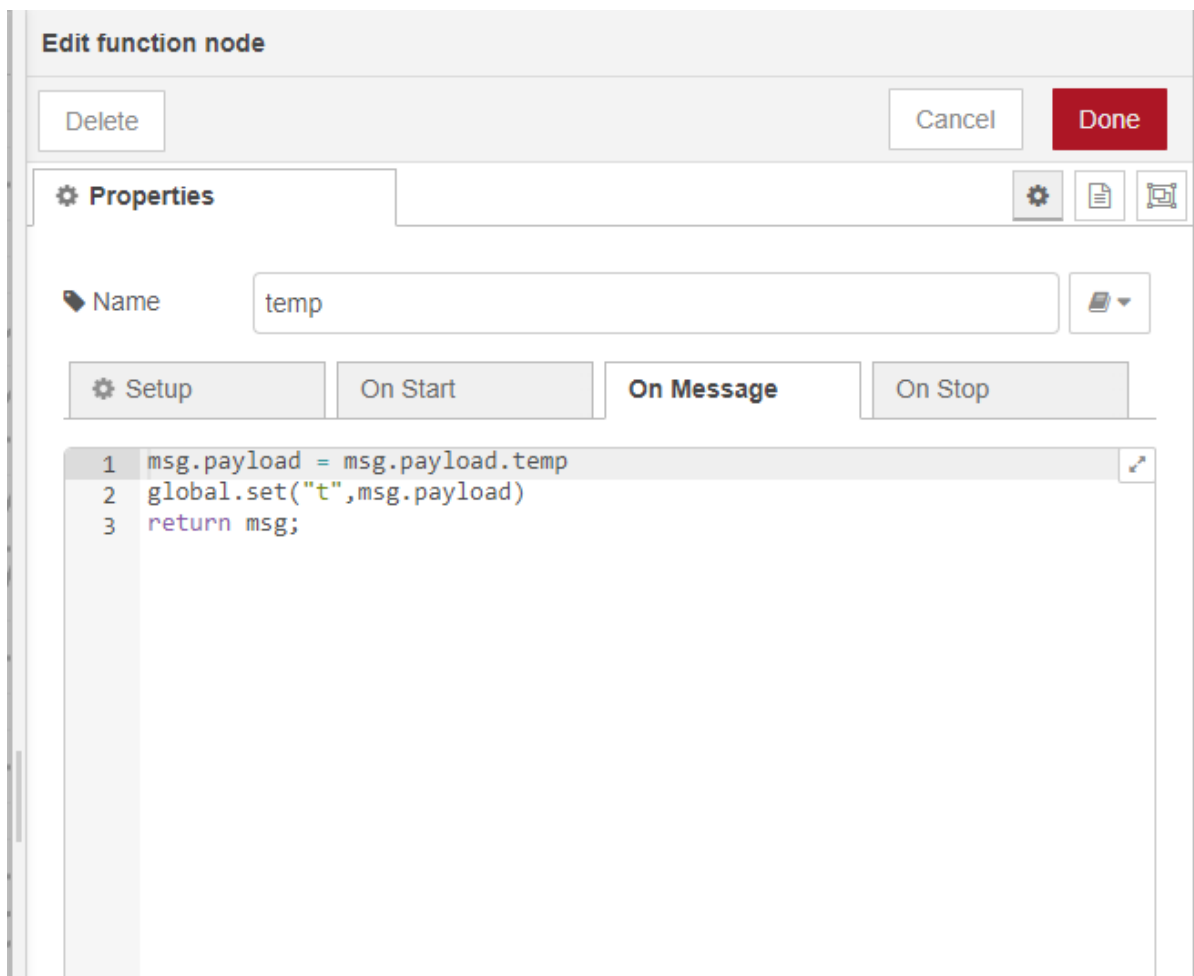
```
global.set("t",msg.payload)
```

```
return msg;
```

```
msg.payload = msg.payload.Humid
```

```
global.set("h",msg.payload)
```

```
return msg;
```



And all the sensor value all collated andha send it to the web link URL set (node-red comman like /ben)

<https://node-red-fueza-2022-11-10.eu-gb.mybluemix.net/ben>

Edit http in node

Delete Cancel Done

Properties

Method GET

URL /ben

Name Temp,Hum,soil,wind

Set the function

```
msg.payload =  
{  
  "temp":global.get('t'),  
  "Humid":global.get('h'),  
  "soilmoisture":global.get('s'),  
  "Windspeed_kmh":global.get('w')  
}  
  
return msg;
```

Edit function node

Delete Cancel Done

Properties

Name temp,hum,soil

Setup On Start On Message On Stop

```
1 msg.payload = {"temp":global.get('t'),"Humid":global.get('h'),"soilmoisture":global.get('s'),"Windspeed_kmh":global.get('w')}  
2 return msg;
```

Web UI

It split to three groups and it will named function flow will connected to the dash board

