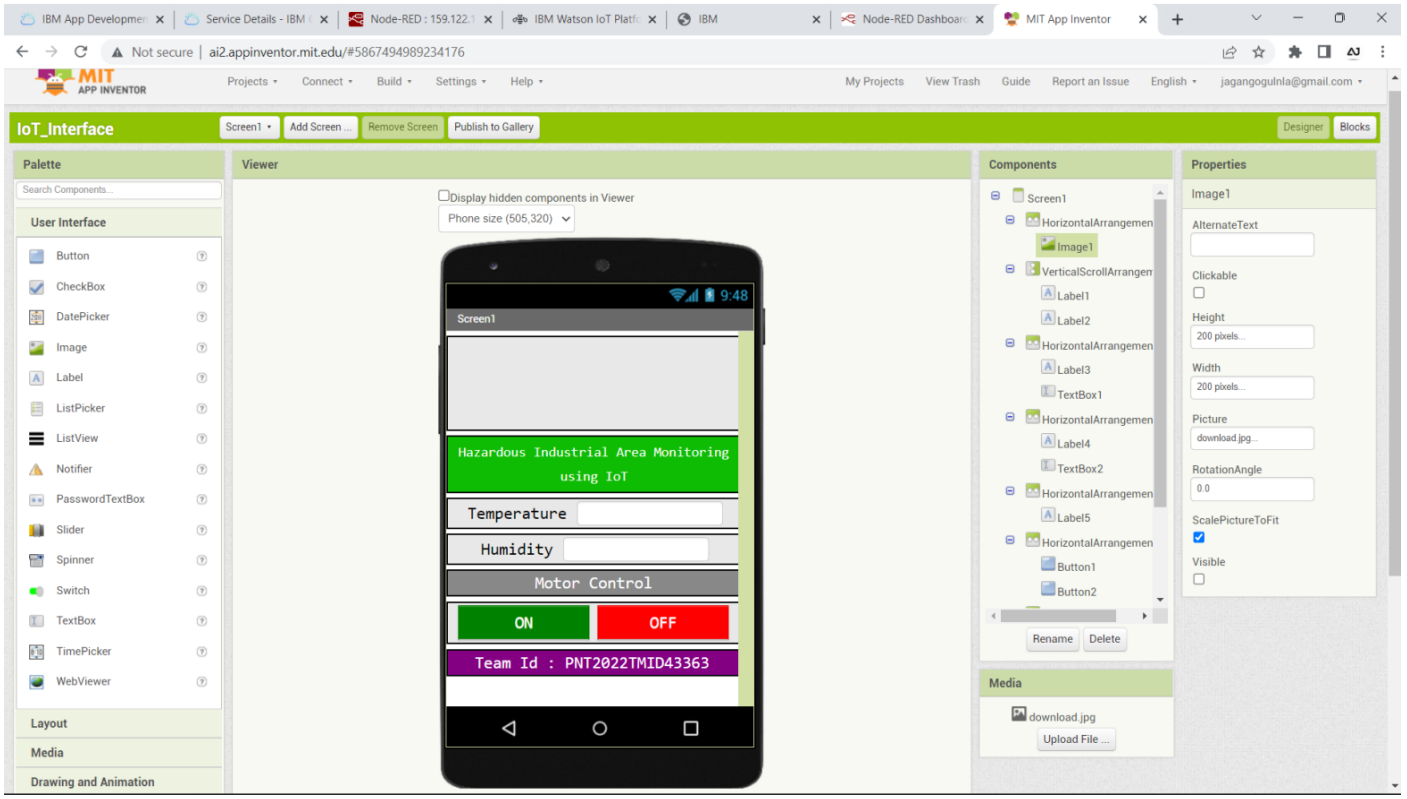
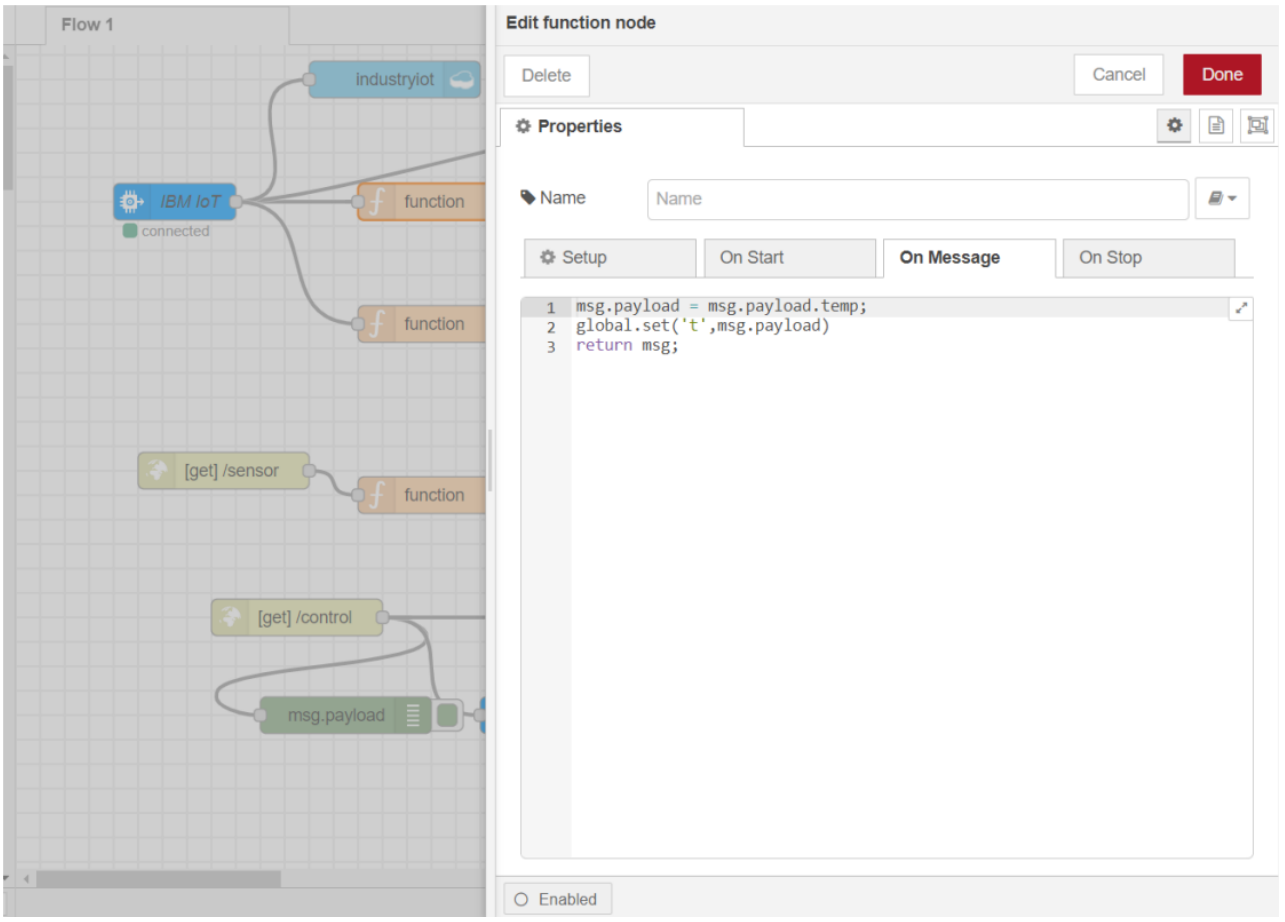
Sprint - 3

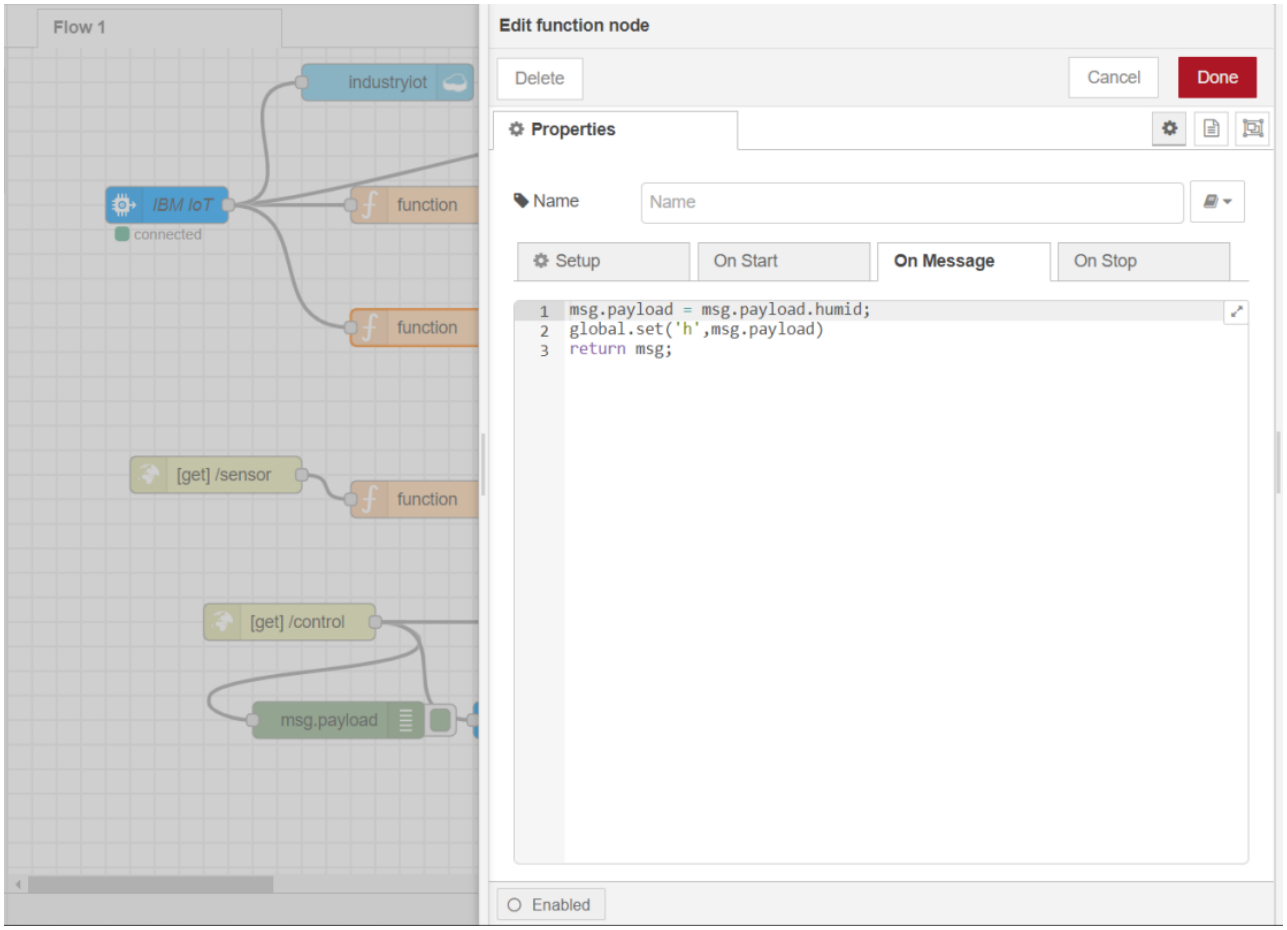
Team Id	PNT2022TMID43363
Title	Hazardous Area Monitoring for Industrial Plant using IoT

Design UI To Display The Temperature, Humidity

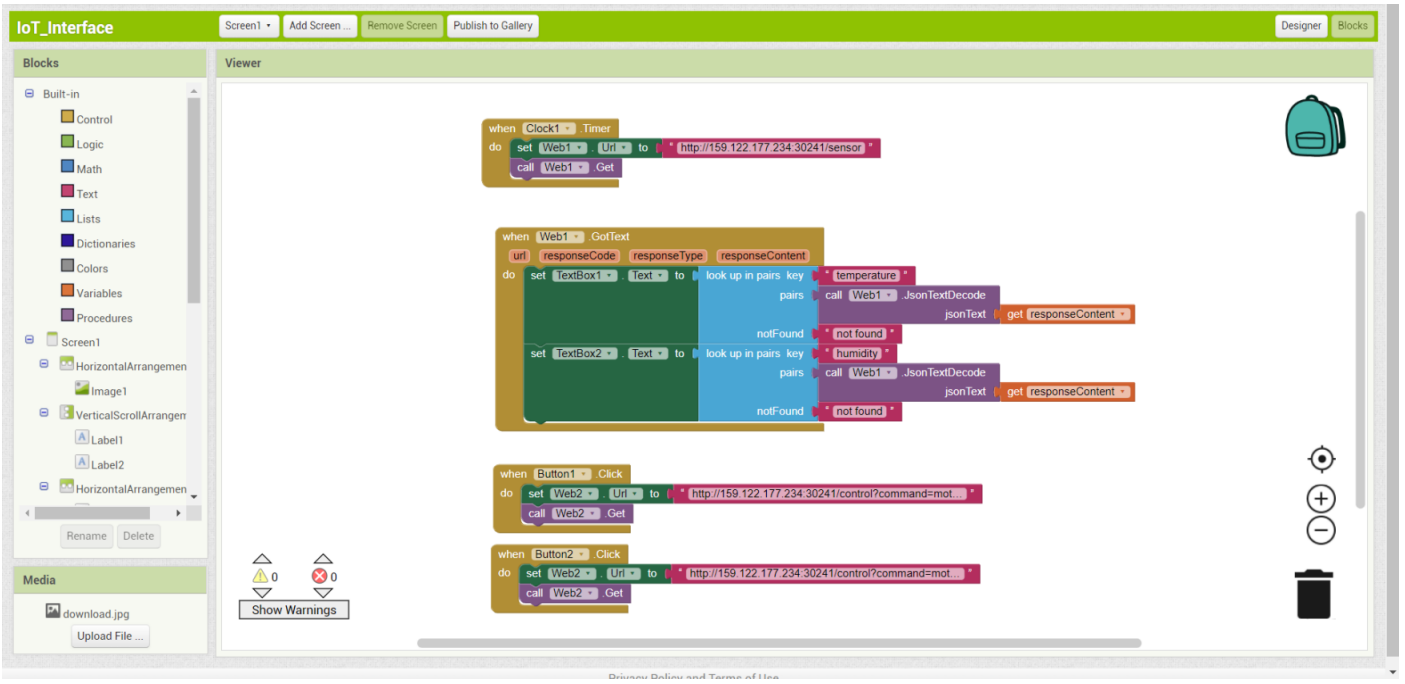


Configuring function to fetch the desired value





App Blocks to render the values and display it in app - Back end



Python block that changes the state of motor based on input from app

```
def myCommandCallback(cmd):
    print("Command received: %s" % cmd.data['command'])
    status=cmd.data['command']
    if status =="motoron":
        print("motor in on")
    else :
        print ("motor is off")
```

Output Window

```
Command received: motoron
motor in on
Published Temperature = 100 C Humidity:68
Published Temperature = 63 C Humidity:7
Published Temperature = 32 C Humidity:67
Command received: motoroff
motor is off
```

Sensor values displayed in the mobile phone