DEVELOP THE PYTHON SCRIPT

INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

TEAM ID: PNT2022TMID02619

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PROGRAM:
import time
importr Adafruit_DHT
from Adafruit IO import Client, Feed
DHT_READ_TIMEOUT = 5
DHT_DATA_PIN = 26
ADAFRUIT_IO_KEY = 'YOUR_AIO_KEY'
ADAFRUIT IO USERNAME = 'YOUR AIO USERNAME'
aio = Client(ADAFRUIT_IO_USERNAME, ADAFRUIT_IO_KEY)
temperature_feed = aio.feeds('temperature')
humidity_feed = aio.feeds('humidity')
dht22 sensor = Adafruit DHT.DHT22
while True:
  humidity, temperature = Adafruit_DHT.read_retry(dht22_sensor, DHT_DATA_PIN)
  if humidity is not None and temperature is not None:
    print('Temp={0:0.1f}*C Humidity={1:0.1f}%'.format(temperature, humidity))
    temperature = '%.2f'%(temperature)
    humidity = '%.2f'%(humidity)
    aio.send(temperature feed.key, str(temperature))
    aio.send(humidity_feed.key, str(humidity))
  else:
```

print('Failed to get DHT22 Reading, trying again in ', DHT_READ_TIMEOUT, ' seconds') time.sleep(DHT_READ_TIMEOUT)