

Develop a python script

Team ID	PNT2022TMID20345
Project Name	Smart waste management system for metropolitan cities

SPRIT 3 SCREEN SHOTS FOR SIMULATOR

```
published distance = 40 loadcell:8 lon = 78.135731 lat = 10.930091
0 %
Risk warning:40 %
alert (No need to collect right now
Thirumandiyapur, Karur
published distance = 40 loadcell:8 lon = 78.135731 lat = 10.930091
0 %
Risk warning:40 %
alert (No need to collect right now
Thirumandiyapur, Karur
published distance = 16 loadcell:14 lon = 78.135731 lat = 10.930091
0 %
Risk warning:12 %
alert (No need to collect right now
Thirumandiyapur, Karur
published distance = 15 loadcell:14 lon = 78.135731 lat = 10.930091
0 %
Risk warning:12 %
alert (No need to collect right now
Thirumandiyapur, Karur
published distance = 35 loadcell:12 lon = 78.135731 lat = 10.930091
0 %
Risk warning:dampster is above 60%
alert (No need to collect right now
Thirumandiyapur, Karur
published distance = 35 loadcell:12 lon = 78.135731 lat = 10.930091
0 %
Risk warning:dampster is above 60%
alert (No need to collect right now

2022-11-14 10:42:11,187 - IdmIoT device client - INFO - Connected successfully: d:\AppDev\SPRIT\DEV\ID
Karur, Karur
published distance = 24 loadcell:10 lon = 78.177731 lat = 10.970091
0 %
Risk warning:dampster is above 60%
alert (No need to collect right now
Karur, Karur
published distance = 24 loadcell:10 lon = 78.177731 lat = 10.970091
0 %
Risk warning:dampster is above 60%
alert (No need to collect right now

2022-11-14 10:42:11,187 - IdmIoT device client - INFO - Connected successfully: d:\AppDev\SPRIT\DEV\ID
Karur, Karur
published distance = 22 loadcell:11 lon = 78.135731 lat = 10.930091
0 %
Risk warning:dampster is above 60%
alert (No need to collect right now
Karur, Karur
published distance = 22 loadcell:11 lon = 78.135731 lat = 10.930091
0 %
Risk warning:dampster is above 60%
alert (No need to collect right now

published distance = 55 loadcell:11 lon = 78.135731 lat = 10.930091
0 %
Risk warning:40 %
alert (No need to collect right now
Puliur, Karur
published distance = 55 loadcell:11 lon = 78.135731 lat = 10.930091
0 %
Risk warning:40 %
alert (No need to collect right now
Puliur, Karur
published distance = 31 loadcell:11 lon = 78.135731 lat = 10.930091
0 %
Risk warning:dampster is above 60%
alert (No need to collect right now
Puliur, Karur
published distance = 31 loadcell:11 lon = 78.135731 lat = 10.930091
0 %
Risk warning:dampster is above 60%
alert (No need to collect right now
Puliur, Karur
published distance = 43 loadcell:13 lon = 78.135731 lat = 10.930091
0 %
Risk warning:40 %
alert (No need to collect right now
Puliur, Karur
published distance = 43 loadcell:13 lon = 78.135731 lat = 10.930091
0 %
Risk warning:40 %
alert (No need to collect right now
```


IBM Watson IoT Platform

https://4yi0vc.internetofthings.ibmcloud.com/dashboard/devices/browse

920219104302@smartinternz.com ID: 4yi0vc

Browse Action Device Types Interfaces

Assignment4

Disconnected

nodeMcu

Device

2022 07:20 12

920219104302@smartinter

BIN11D

BIN21D

BIN31D

Identity

The recent events

Event

IoTSensor

IoTSensor

IoTSensor

IoTSensor

IoTSensor

BIN41D

Connected

BIN4

Device

12 Nov 2022 10:32

920219104302@smartinter

Items per page 50 | 1-6 of 6 items

1 of 1 page

IBM Watson IoT Platform

https://4yi0vc.internetofthings.ibmcloud.com/dashboard/devices/browse

920219104302@smartinternz.com ID: 4yi0vc

Browse Action Device Types Interfaces

Assignment4

Disconnected

nodeMcu

Device

23 Oct 2022 07:20 12

920219104302@smartinter

BIN11D

BIN21D

BIN31D

Identity

The recent events

Event

IoTSensor

IoTSensor

IoTSensor

IoTSensor

IoTSensor

BIN41D

Connected

BIN4

Device

12 Nov 2022 10:32

920219104302@smartinter

Items per page 50 | 1-6 of 6 items

1 of 1 page

Node-RED Dashboard

http://127.0.0.1:1880/ui/#/1/1?socketid=-1er0USDnGJRDUhAAAB

control

Distance 1

LOAD CELL 1

Distance 2

LOAD CELL 2

Distance 3

LOAD CELL 3

Distance 4

LOAD CELL 4

0

0

10

8

27

15

61

9

Items per page 50 | 1-6 of 5 items




1 of 1 page


Links 27°C Cloudy ENG 18:45

Node-RED interface showing a flow with four parallel processing paths. Each path starts with a GET sensor node connected to a function node. The function nodes are labeled 'Distance 1', 'Distance 2', 'Distance 3', and 'Distance 4'. Each function node outputs to a 'msg.payload' node, which then connects to a 'Distance' node and a 'LOAD CELL' node. The flow is titled 'Flow 1' and 'Flow 4'.


The right sidebar displays the debug console with the following log entries:

```
[ { dist: 40, load: 11 } ]
11/14/2022, 6:40:18 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {number:
  40
}
11/14/2022, 6:40:21 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {string:
  "Alert: No need to collect right now"
}
11/14/2022, 6:40:21 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {number:
  40
}
11/14/2022, 6:40:21 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {string:
  "Alert: No need to collect right now"
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {number:
  40
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {string:
  "Alert: No need to collect right now"
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {number:
  58
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {string:
  "Alert: No need to collect right now"
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {number:
  58
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {string:
  "Alert: No need to collect right now"
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {number:
  48
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {string:
  "Alert: No need to collect right now"
}
11/14/2022, 6:40:22 PM mode: msg.payload
ok 2 type: BME280@BME280SensorForFlow
msg.payload: {number:
  48
}
```



20 %

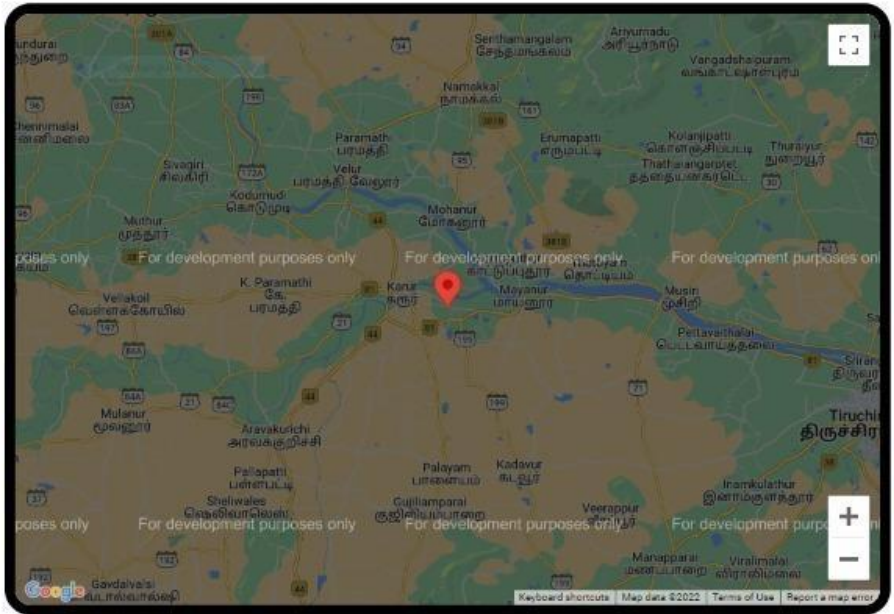


8 %

LEVEL : 60.25cm

WEIGHT : 0g

LIVE LOCATION



No need to collect right now!

Node-RED

Garbage Management System

https://chettinad.swm5.repl.co

Rock (Gmail)GITHUB IBMDownload The You...Savefrom Video Do...ucutYouTubeNew fonts | dafont...video shoptrexAll in One Tamil Fo...StackBlitzinetWhatsAppPrime Video: Parasite7 by La-Emeralde...HTML

Windows taskbar with icons for various applications and system status (27°C Cloudy, ENG, 18:47)