

## Develop a python script

Team ID	PNT2022TMID12076
Project Name	Smart waste management system for metropolitan cities

## SPRIT 3 SCREEN SHOTS FOR SIMULATOR

```
published distance = 40 lookcell:8 lon = 78.135731 lat = 10.939891
0 %
Risk warning:40 %
Alert :No need to collect right now
Thirumallapur, Karur
published distance = 48 lookcell:8 lon = 78.135731 lat = 10.939891
0 %
Risk warning:40 %
Alert :No need to collect right now
Thirumallapur, Karur
published distance = 16 lookcell:14 lon = 78.135731 lat = 10.939891
0 %
Risk warning:12 %
Alert :No need to collect right now
Thirumallapur, Karur
published distance = 15 lookcell:14 lon = 78.135731 lat = 10.939891
0 %
Risk warning:12 %
Alert :No need to collect right now
Thirumallapur, Karur
published distance = 35 lookcell:12 lon = 78.135731 lat = 10.939891
0 %
Risk warning:dampster is above 60%
Alert :No need to collect right now
Thirumallapur, Karur
published distance = 35 lookcell:12 lon = 78.135731 lat = 10.939891
0 %
Risk warning:dampster is above 60%
Alert :No need to collect right now

2022-11-24 10:42:15.787 thiotof device client warn connected successfully displaylocation:thiotof
Kattur, Karur
published distance = 22 lookcell:15 lon = 78.135731 lat = 10.939891
0 %
Risk warning:dampster is above 60%
Alert :No need to collect right now
Kattur, Karur
published distance = 22 lookcell:15 lon = 78.135731 lat = 10.939891
0 %
Risk warning:dampster is above 60%
Alert :No need to collect right now

published distance = 35 lookcell:13 lon = 78.135731 lat = 10.939891
0 %
Risk warning:40 %
Alert :No need to collect right now
Puliur, Karur
published distance = 55 lookcell:11 lon = 78.135731 lat = 10.939891
0 %
Risk warning:40 %
Alert :No need to collect right now
Puliur, Karur
published distance = 21 lookcell:11 lon = 78.135731 lat = 10.939891
0 %
Risk warning:dampster is above 60%
Alert :No need to collect right now
Puliur, Karur
published distance = 31 lookcell:11 lon = 78.135731 lat = 10.939891
0 %
Risk warning:dampster is above 60%
Alert :No need to collect right now
Puliur, Karur
published distance = 41 lookcell:13 lon = 78.135731 lat = 10.939891
0 %
Risk warning:40 %
Alert :No need to collect right now
Puliur, Karur
published distance = 41 lookcell:13 lon = 78.135731 lat = 10.939891
0 %
Risk warning:40 %
Alert :No need to collect right now
```

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The image displays three screenshots of the IBM Watson IoT Platform interface. The leftmost screenshot shows the 'Device Drilldown - BIN1ID' page, which includes a 'Recent Events' table and a 'State' section. The middle screenshot shows the 'Device Drilldown - BIN2ID' page, also with a 'Recent Events' table and a 'State' section. The rightmost screenshot shows a list of devices, including BIN1ID, BIN2ID, BIN3ID, and BIN4ID, with columns for 'Browse', 'Action', 'Device Type', 'Interface', 'Device', 'Last Seen', and 'Owner'. Below the device list, there are tabs for 'Identity', 'Device Information', 'Groups', 'Recent Events', 'State', and 'Logs'. The 'Recent Events' tab is selected, showing a table of events with columns for 'Event', 'Value', 'Format', and 'Last Received'.

**Device Drilldown - BIN1ID**

Recent Events

Event	Value
IoT Sensor	{\"bin\":\"42\",\"leaf\":\"5\"}
IoT Sensor	{\"type\":\"Buffer\",\"data\":\"[34,97,108,101,114,116,...\"}

State

This table shows a list of data points that are reported by this device.

**Device Drilldown - BIN2ID**

Recent Events

Event	Value
IoT Sensor	{\"bin\":\"55\",\"leaf\":\"12\"}
IoT Sensor	{\"type\":\"Buffer\",\"data\":\"[34,97,108,101,114,116,...\"}

State

This table shows a list of data points that are reported by this device.

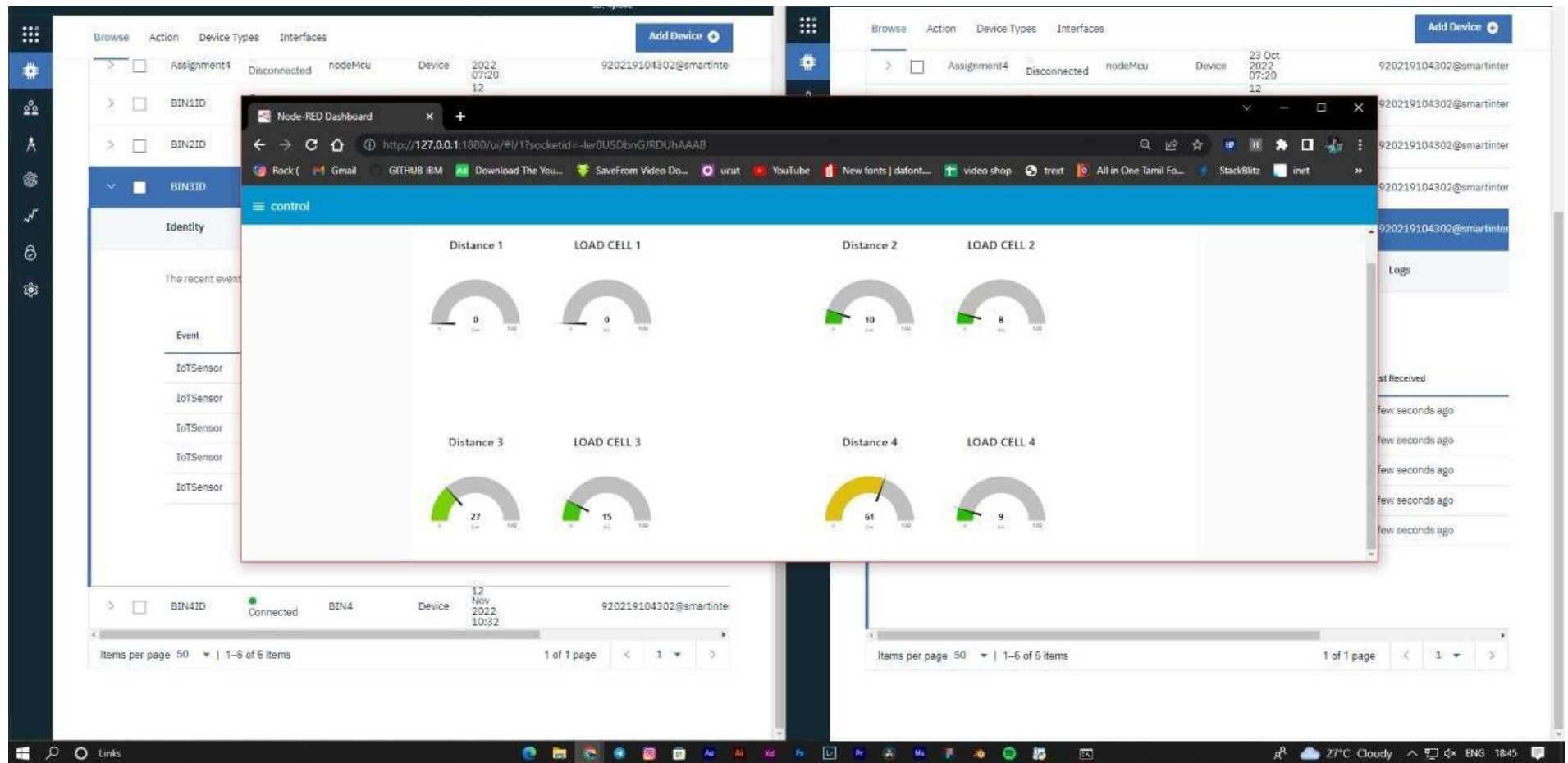
**Device List**

Browse	Action	Device Type	Interface	Device	Last Seen	Owner
Assignment14	Disconnected	nodeMCU	Device	2022-10-26 07:26	920219104302@emartelrte	
BIN1ID	Connected	BIN1	Device	2022-10-26 10:20	920219104302@emartelrte	
BIN2ID	Connected	BIN2	Device	2022-10-26 10:21	920219104302@emartelrte	

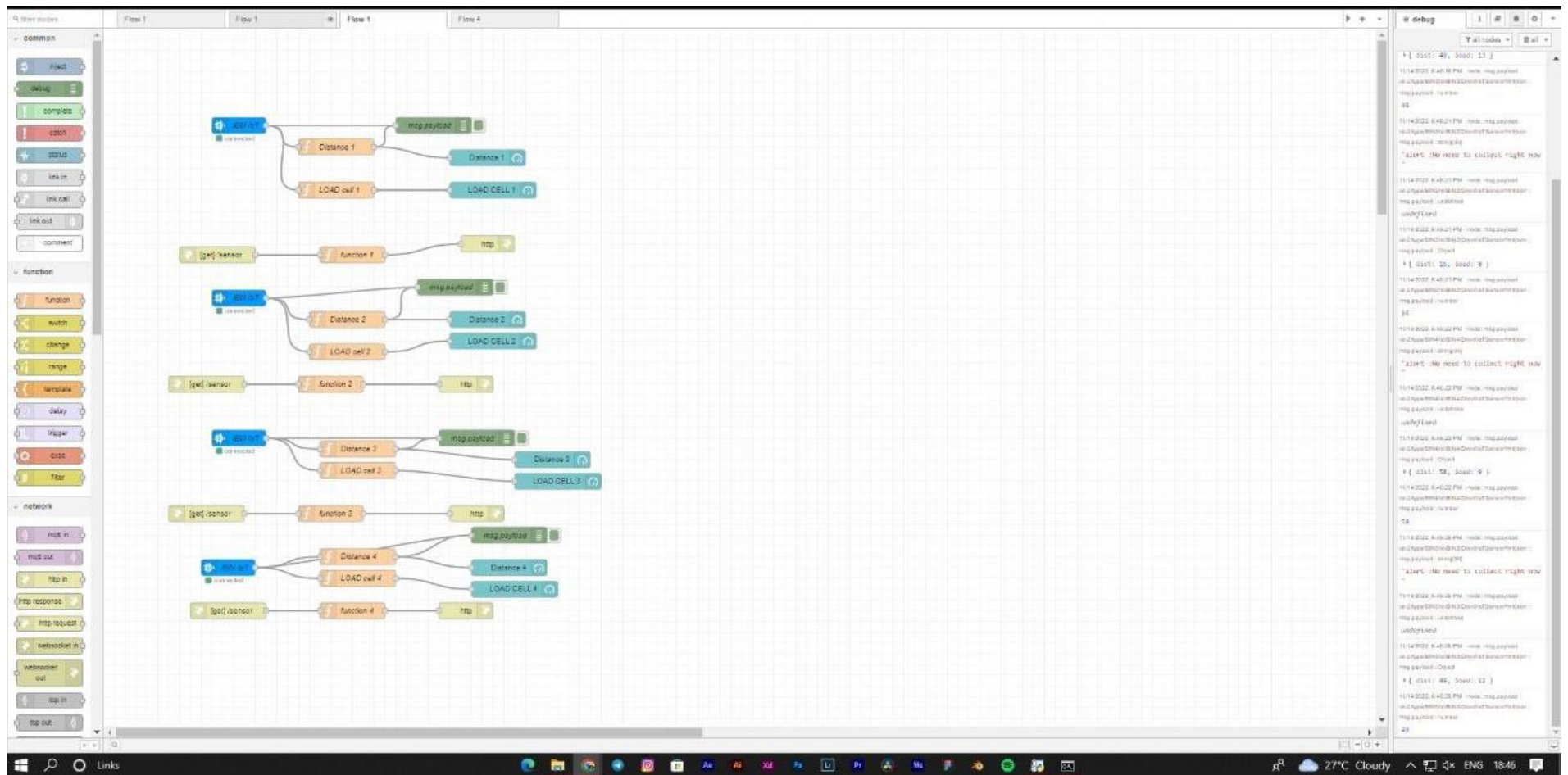
**Device Details - BIN4ID**

Recent Events

Event	Value	Format	Last Received
IoT Sensor	{\"bin\":\"24\",\"leaf\":\"13\"}	json	a few seconds ago
IoT Sensor	{\"type\":\"Buffer\",\"data\":\"[34,97,108,101,114,116,...\"}	json	a few seconds ago
IoT Sensor	{\"bin\":\"45\",\"leaf\":\"5\"}	json	a few seconds ago
IoT Sensor	{\"type\":\"Buffer\",\"data\":\"[34,97,108,101,114,116,...\"}	json	a few seconds ago



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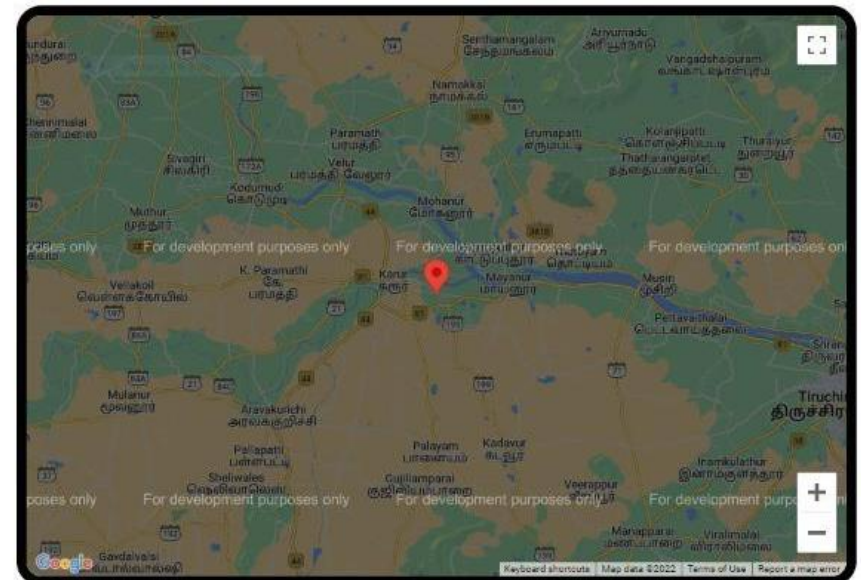
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LEVEL : 60.25cm

WEIGHT : 0g

## LIVE LOCATION



No need to collect right now!

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