Node-RED Flows

There are six flows as follows. All of them are mostly the same except the destination *(InfluxDB)* where the data is saved.

1. Calibration
2. TestSetCollection
3. SequenceFlow
4. TestSequenceFlow
5. OnlineFlow
6. TestConnection

Under the main flow, there is another flow, *toggleDataCollection* which requires a user input. Click the *toggle* button to start and stop collecting data.

Calibration

Used for collecting discrete training data.
 # Remember to use the correct locationId in *rawDataHarvester* before deploying

Destination:
 Database: Megallen2
 Measurement: RSSI2

TestSetCollection

Used for collecting discrete test data.
 # Remember to use the correct locationId in *rawDataHarvester* before deploying

Destination:
 Database: Megallen2
 Measurement: TestRSSI2

SequenceFlow

Used for collecting continuous Bluetooth RSSI training data.

Destination:
 Database: Megallen2
 Measurement: SequenceRSSI

TestSequenceFlow

Used for collecting continuous Bluetooth RSSI test data.

Destination:
       Database: Megallen2
       Measurement: TestSequenceRSSI

OnlineFlow

Used for streaming data for online testing.

Destination:
       Database: Megallen2
       Measurement: OnlineRSSI

TestConnection

Used for testing connection and debug purposes.
Usually used with command
>> sudo nmap -sP 192.168.0.110/24

There should be 19 hosts (17 receivers + server + gateway)

Destination:
       Database: Megallen2
       Measurement: test