

Sprint - 2

Date	19 September 2022
Team ID	PNT2022TMID11434
Project Name	Project – Smart Waste Management System for Metropolitan Cities

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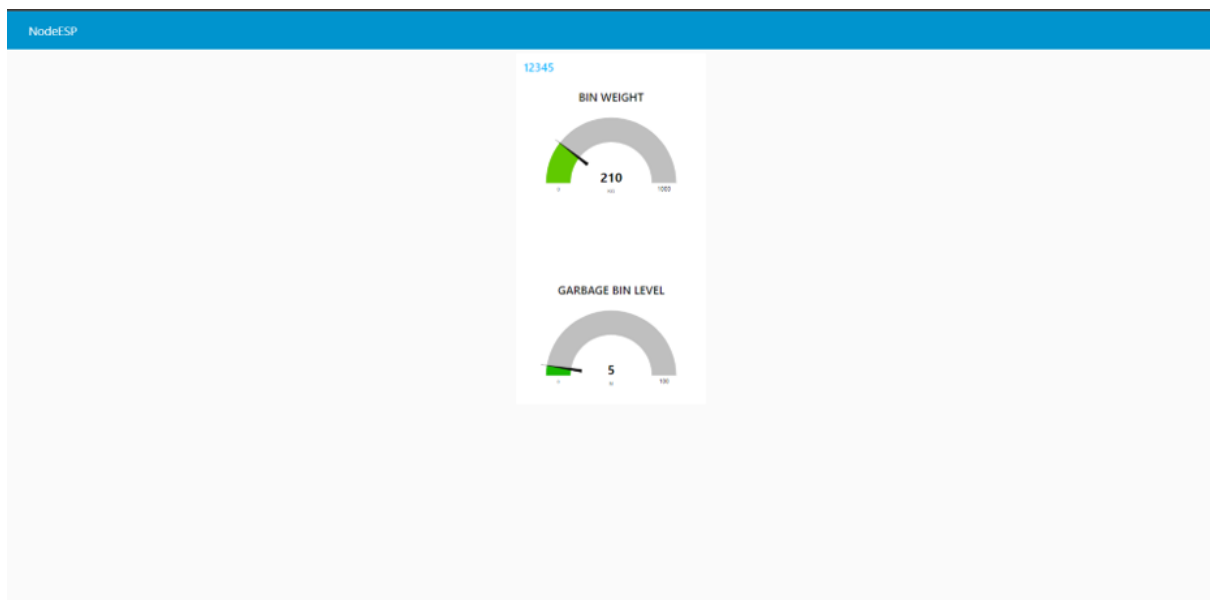
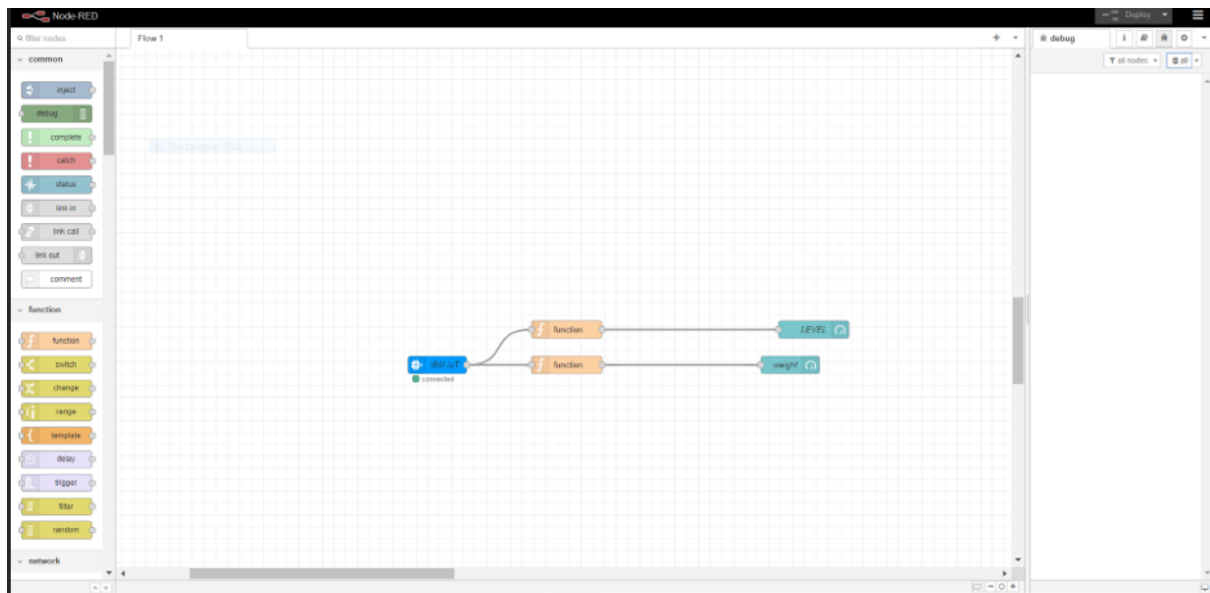
1 import wiotp.sdk.device
2 import time
3 import random
4 myConfig = {
5     "identity": {"orgId": "zal4dw", "typeId": "NodeMCU", "deviceId": "12345"},
6     "auth": {"token": "1234567890"}}
7 def myCommandCallback(cmd):
8     print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
9     sccmd.data['command']
10 client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
11 client.connect()
12 while True:
13     level=random.randint(0,100)
14     weight= random.randint(0, 1000)
15     level_d={'Level':level}
16     weight_d = {'Weight': weight}
17     client.publishEvent(eventId="status", msgFormat="json", data=level_d, qos=0, onPublish=None)
18     client.publishEvent(eventId="status", msgFormat="json", data=weight_d, qos=0, onPublish=None)
19     print('Published data Successfully: %s', level_d)
20     print('Published data Successfully: %s', weight_d)
21     client.commandCallback = myCommandCallback
22     time.sleep(2)
23 client.disconnect()

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Published data Successfully: %s {'Level': 32}
Published data Successfully: %s {'Weight': 354}
Published data Successfully: %s {'Level': 68}
Published data Successfully: %s {'Weight': 660}
Published data Successfully: %s {'Level': 31}
Published data Successfully: %s {'Weight': 266}
Published data Successfully: %s {'Level': 30}
Published data Successfully: %s {'Weight': 172}
Published data Successfully: %s {'Level': 90}
Published data Successfully: %s {'Weight': 430}
Published data Successfully: %s {'Level': 12}
Published data Successfully: %s {'Weight': 579}
Published data Successfully: %s {'Level': 81}
Published data Successfully: %s {'Weight': 523}
Published data Successfully: %s {'Level': 51}
Published data Successfully: %s {'Weight': 267}
Published data Successfully: %s {'Level': 59}
Published data Successfully: %s {'Weight': 187}
Published data Successfully: %s {'Level': 19}
Published data Successfully: %s {'Weight': 11}
Published data Successfully: %s {'Level': 86}
Published data Successfully: %s {'Weight': 919}
Published data Successfully: %s {'Level': 64}
Published data Successfully: %s {'Weight': 117}
Published data Successfully: %s {'Level': 36}
Published data Successfully: %s {'Weight': 762}

Identity	Device Information	Recent Events	State	Logs
The recent events listed show the live stream of data that is coming and going from this device.				
Event	Value	Format	Last Received	
status	["Weight":976]	json	a few seconds ago	
status	["Level":99]	json	a few seconds ago	
status	["Weight":414]	json	a few seconds ago	
status	["Level":98]	json	a few seconds ago	
status	["Weight":574]	json	a few seconds ago	

0 Simulations running



Identity	Device Information	Recent Events	State	Logs
The recent events listed show the live stream of data that is coming and going from this device.				
Event	Value	Format	Last Received	
status	{"d":{"dump":1,"Level":12,"Weight":847,"Lat":9....	json	a few seconds ago	
status	{"d":{"dump":1,"Level":12,"Weight":847,"Lat":9....	json	a few seconds ago	
status	{"d":{"dump":1,"Level":91,"Weight":594,"Lat":9....	json	a few seconds ago	
status	{"d":{"dump":1,"Level":91,"Weight":594,"Lat":9....	json	a few seconds ago	
status	{"d":{"dump":1,"Level":91,"Weight":594,"Lat":9....	json	a few seconds ago	

0 Simulations running

