

ECE 3502 – IoT Domain Analyst

Week 3

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Aim: Create a Automation Systems using node-red and Thingsboard

# **Procedure:**

Step 1) Create Thingsboard Account.

Step 2) Create Device.

Step 3) Get Access Key

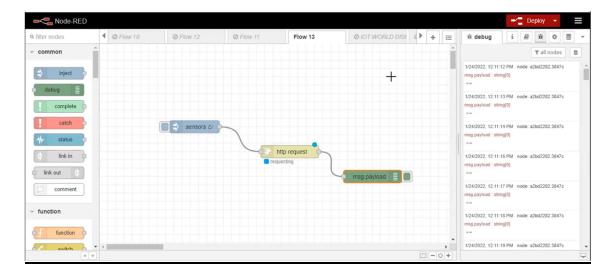
Step 4) Create Node Red Flow

Step 5) Deploy the Node and Click Inject Node

Step 6) Track the telemetry

Step 7) Add widgets to Dashboard.

## **Screenshots of Flow:**



### **Node:**

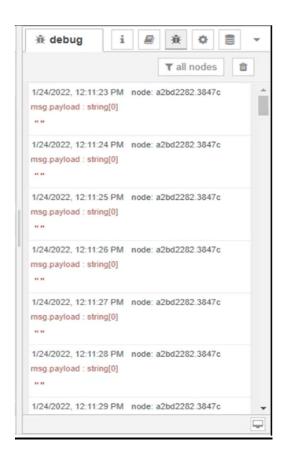
### **Http Node:**



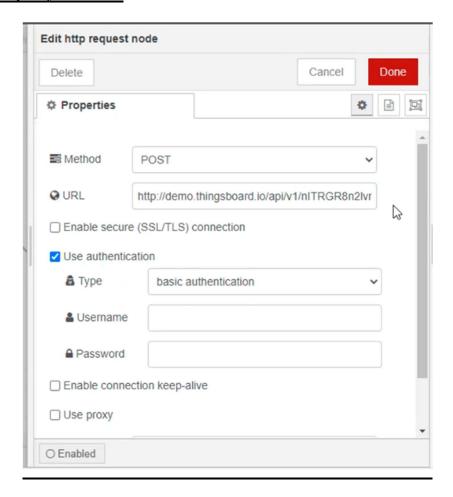
### **Debug Node:**

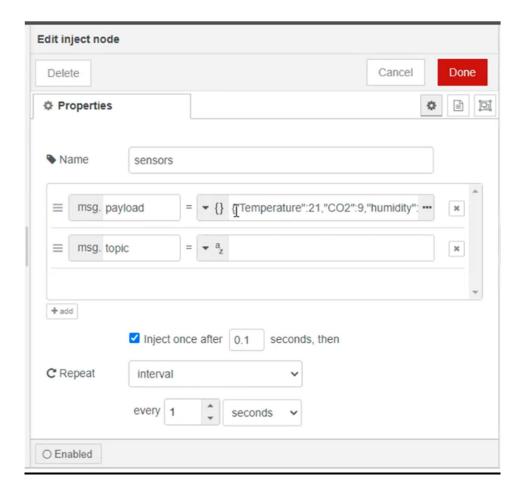


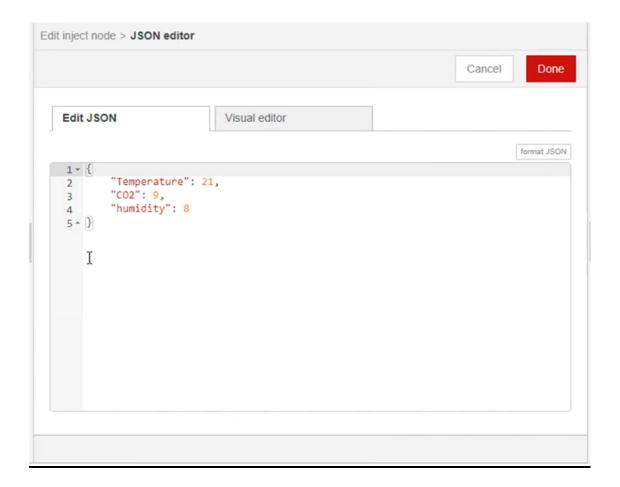
### **Debug Window-**



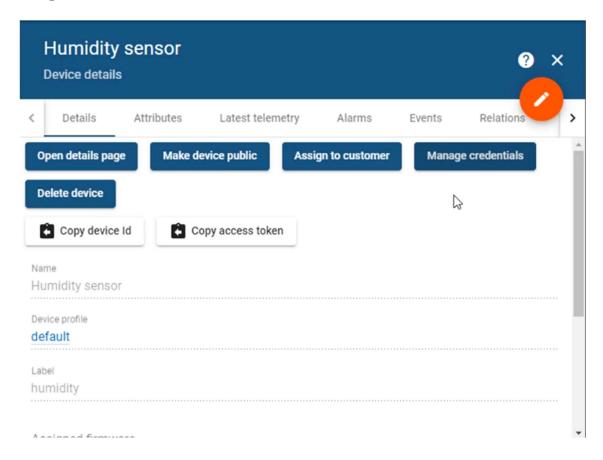
## **Node Property Window**

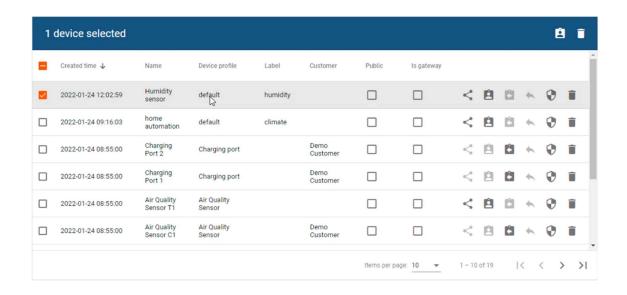


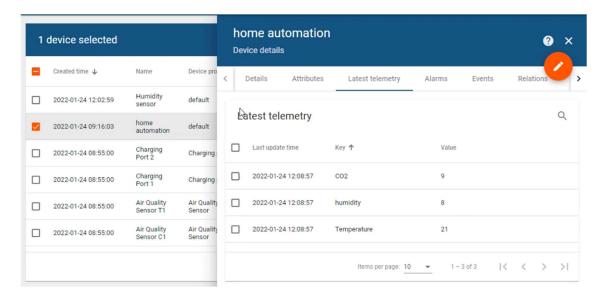


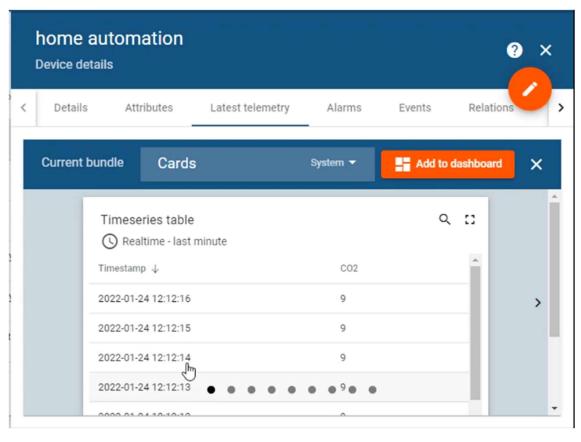


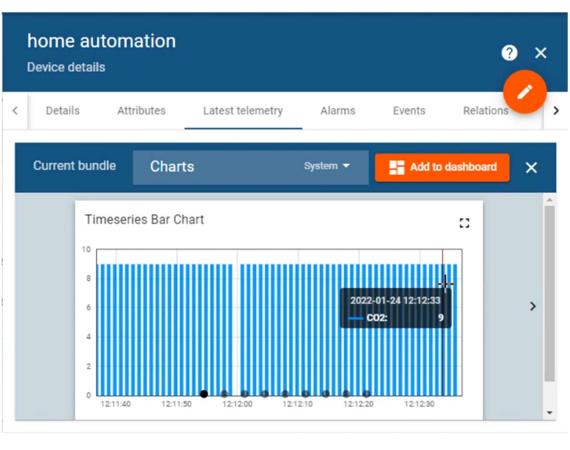
#### **Output-**

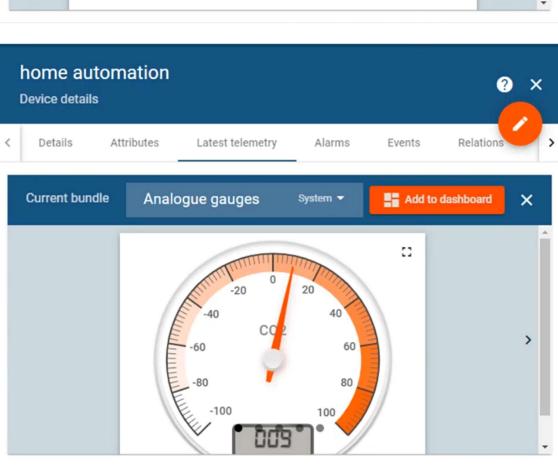


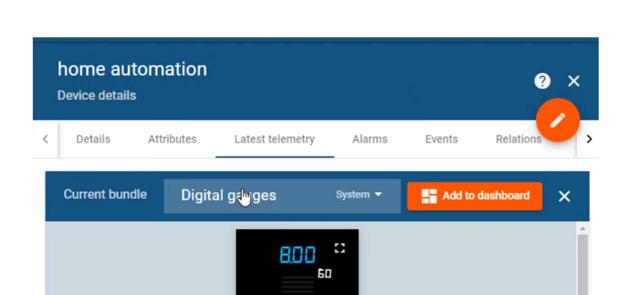












-60

humidity

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