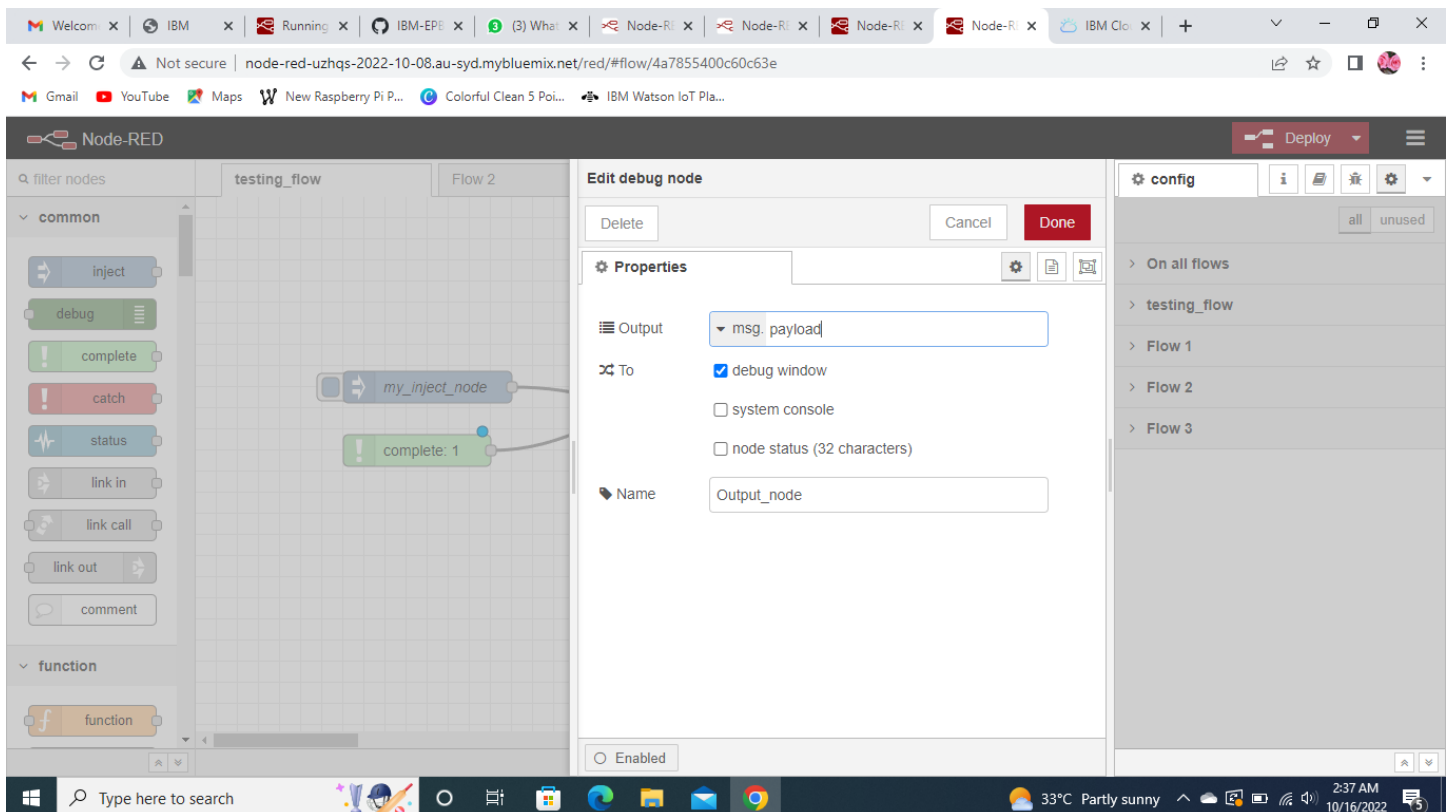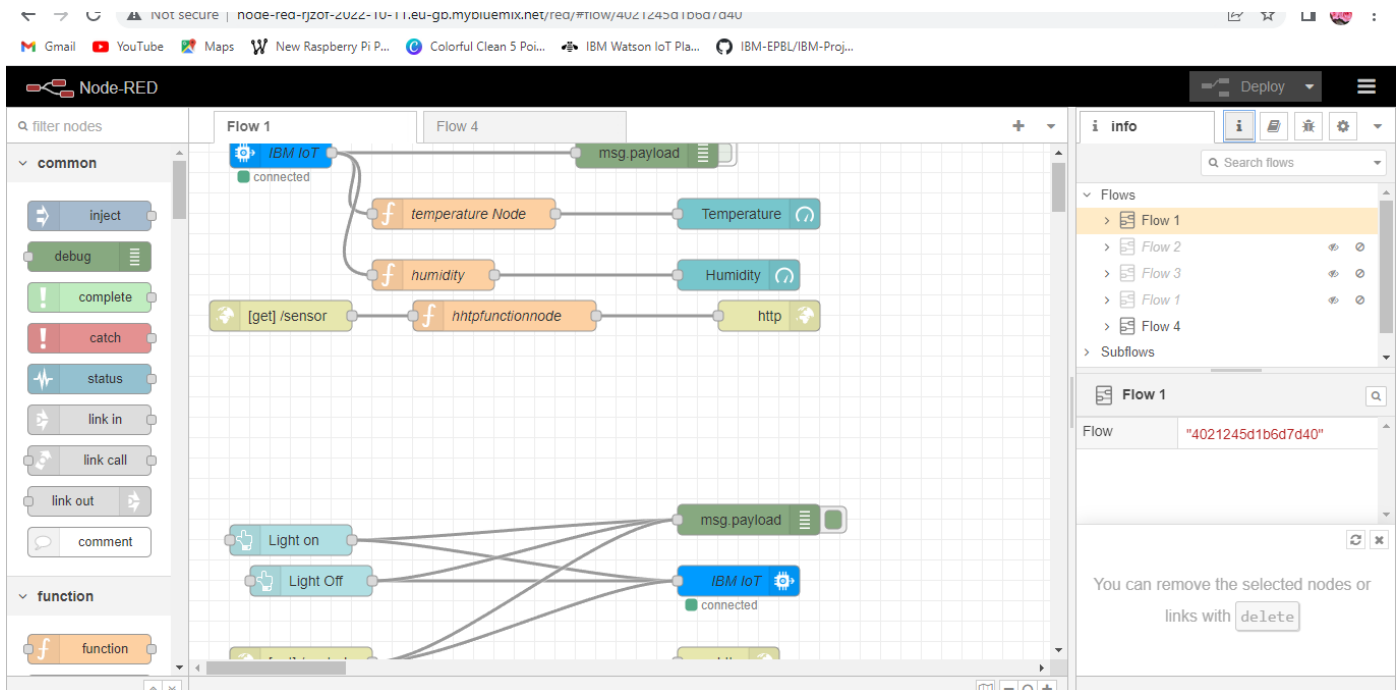# DEVELOP A WEB APPLICATION USING NODE-RED SERVICE
Use Dashboard Nodes for creating UI (Web App)

Date : 04 November 2022

Team ID : PNT2022TMID37707

Project Name Project - SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY

Screenshot 1 (top)

Browser tabs: Welcome to Project! Delighte | IBM | NalaiyaThiran-Training & Pro | IBM Cloud | IBM Watson IoT Platform

7kb3es.internetofthings.ibmcloud.com/dashboard/devices/browse

Gmail | YouTube | Maps | New Raspberry Pi P... | Colorful Clean 5 Poi...

IBM Watson IoT Platform

Browse   Action   Device Types   Interfaces

Device ID   Status   Device Type

1234   Disconnected   iot_devices

Identity   Device Information   Recent Events   State

The recent events listed show the live stream of data that is coming and going

Event	Value
event_1	{"randomNumber":31}
event_1	{"randomNumber":83}
event_2	{"randomNumber":94,"sampleObject":{"xcord":...
event_2	{"randomNumber":25,"sampleObject":{"xcord":...
event_2	{"randomNumber":11,"sampleObject":{"xcord":...

Device Type: iot_devices

Events 2   New event type

Event type name   event_2   Send

Schedule
20   Every Minute

Payload
Specify the event payload in the editor window or by uploading a CSV file.

```
0  {
1    "randomNumber": random(0, 100),
2    "sampleObject": {
3       "xcord": 32.514,
4       "ycord": 151.521
5    }
6  }
```

Type here to search   31°C Cloudy   11:08 PM 10/15/2022

Screenshot 2 (bottom)

Browser tabs: Welcome to Project! Delighte | IBM | NalaiyaThiran-Training & Pro | IBM Cloud | IBM Watson IoT Platform

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IBM Watson IoT Platform

410119106009@smartinternz.com
ID: 7kb3es

Browse   Action   Device Types   Interfaces

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Simulations   Import/Export simulation

1/50 Simulations Running   New Simulation

Device Type   2 Events
iot_devices

1 Device

1234

1 ×   Create Simulated Device   Use Registered Device

Type here to search   31°C Cloudy   11:09 PM 10/15/2022

Not secure | node-red-uzhqs-2022-10-08.au-syd.mybluemix.net/red/#flow/4a7855400c60c63e

M Gmail ▶ YouTube ▶ Maps W New Raspberry Pi P... ⊘ Colorful Clean 5 Poi... IBM Watson IoT Pla...

Node-RED

Deploy ▼

Q filter nodes

testing_flow | Flow 2

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function

my_inject_node

complete: 1

Edit debug node

Delete | Cancel | **Done**

⚙ **Properties**

☰ Output | ▼ msg. payload

⇄ To | ☑ debug window
   □ system console
   □ node status (32 characters)

🏷 Name | Output_node

○ Enabled

⚙ config | i ▤ ▥ ⚙ ▼

all | unused

> On all flows
> testing_flow
> Flow 1
> Flow 2
> Flow 3

⊞ ○ Type here to search | O | 33°C Partly sunny | 2:37 AM 10/16/2022

cloud.ibm.com/developer/appservice/apps/cce45cdc-fd0c-474f-bd8b-482df5d663f2 | ☆ | Incognito

IBM Cloud

Search resources and products... | Catalog | Manage ⌄ | capd8 IBM's Account | ? | ⊡ | ▦ | 🔔 | 👤

Resource group | Default
Deployment target | You must deploy your app first
Created | 10/8/2022

Tool integrations | 💡 ○ ⊘

Delivery Pipelines

Services

⎙ Cloudant | ⋮

Open dashboard ↗ Documentation ↗ API reference ↗

Credentials ⌄

Connect existing services + | Create service +

Name | ci-pipeline ↗
Status | ↻ In progress ↗

Name | pr-pipeline ↗
Status | ○ No stages detected ↗

💡 **Getting started quickly** | ×

ASK A QUESTION

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. Learn more. ↗

⊞ ○ Type here to search | O | 28°C | ENG IN | 11:43 AM 08-Oct-22

By using User interface (UI) in NODE-RED