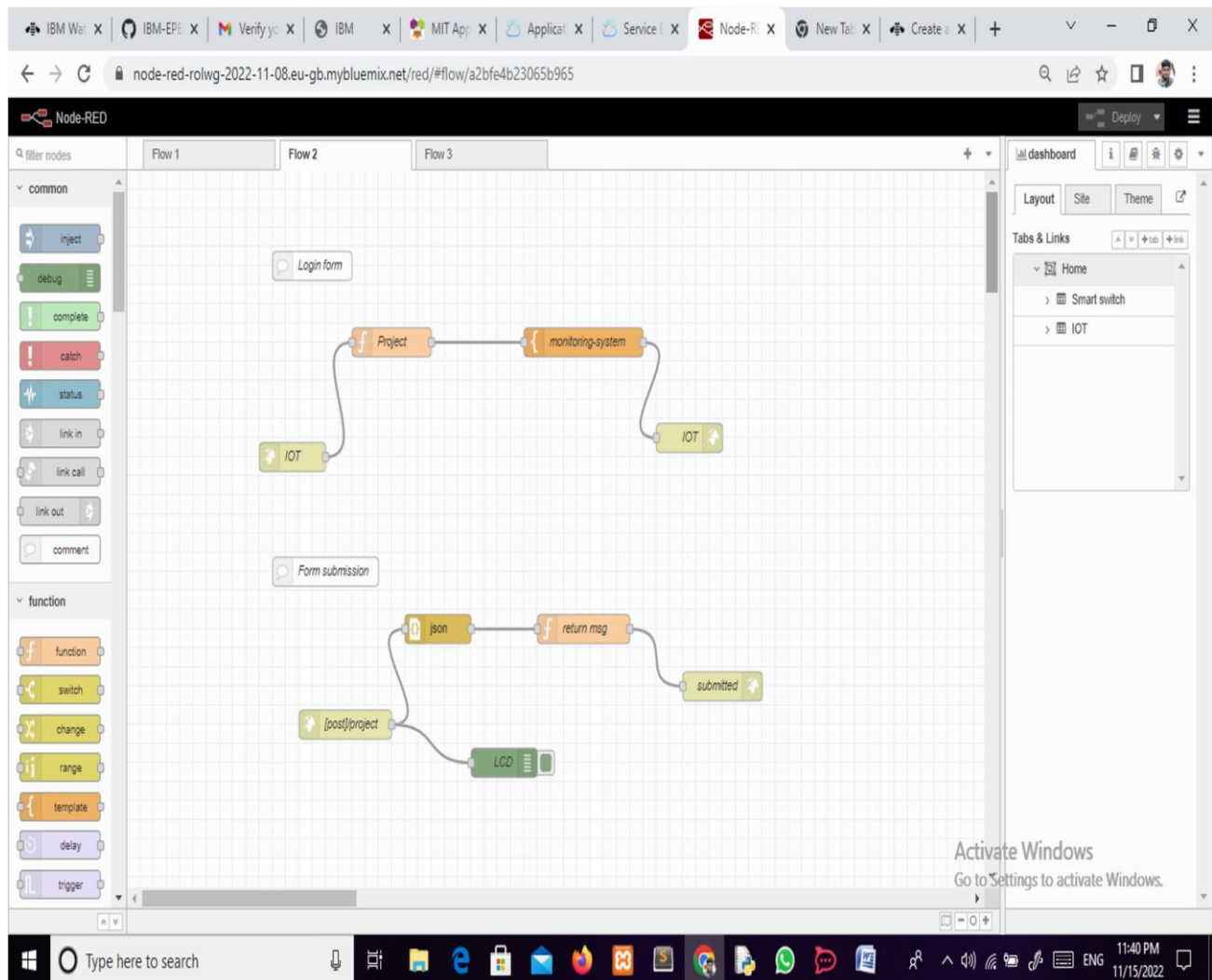


# Develop a Web Application using Node-RED

Team ID	PNT2022TMID06458
Project Name	Real-Time River Water Quality Monitoring and Control System

**To create the web Application using Node-RED for registration:**



**Workflow Diagram**

node-red-rolwg-2022-11-08.eu-gb.mybluemix.net/red/#flow/a2bfe4b23065b965

Node-RED

Flow 1 Flow 2 Flow 3

network

- mqtt in
- mqtt out
- http in
- http response
- http request
- websocket in
- websocket out
- tcp in
- tcp out
- tcp request
- udp in
- udp out

input

- inject

Flow 2

- Login form
- Project
- monitoring-system
- IOT
- Form submission
- json
- return msg
- post/project
- LCD

Edit http in node

Properties

- Method: GET
- URL: /monitor
- Name: IOT

lsl dashboard

- Layout
- Site
- Theme

lsl dashboard

- Home
- Smart switch
- IOT

Activate Windows  
Go to Settings to activate Windows.

Type here to search

11:55 PM  
11/15/2022

node-red-rolwg-2022-11-08.eu-gb.mybluemix.net/red/#flow/a2bfe4b23065b965

Node-RED

Flow 1 Flow 2 Flow 3

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Flow 2

- Login form
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- post/project
- LCD

Edit function node

Properties

- Name: Project

Setup On Start On Message On Stop

```
1 msg.url="water_monitoring"
2 return msg;
```

lsl dashboard

- Layout
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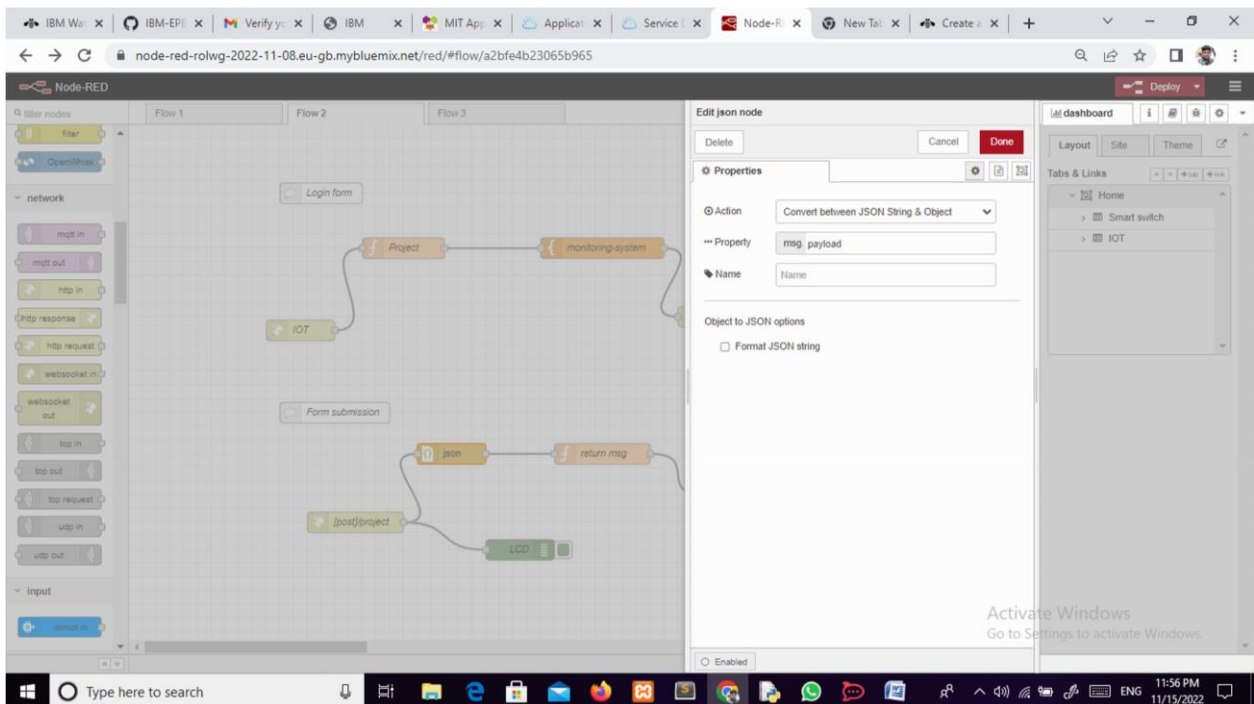
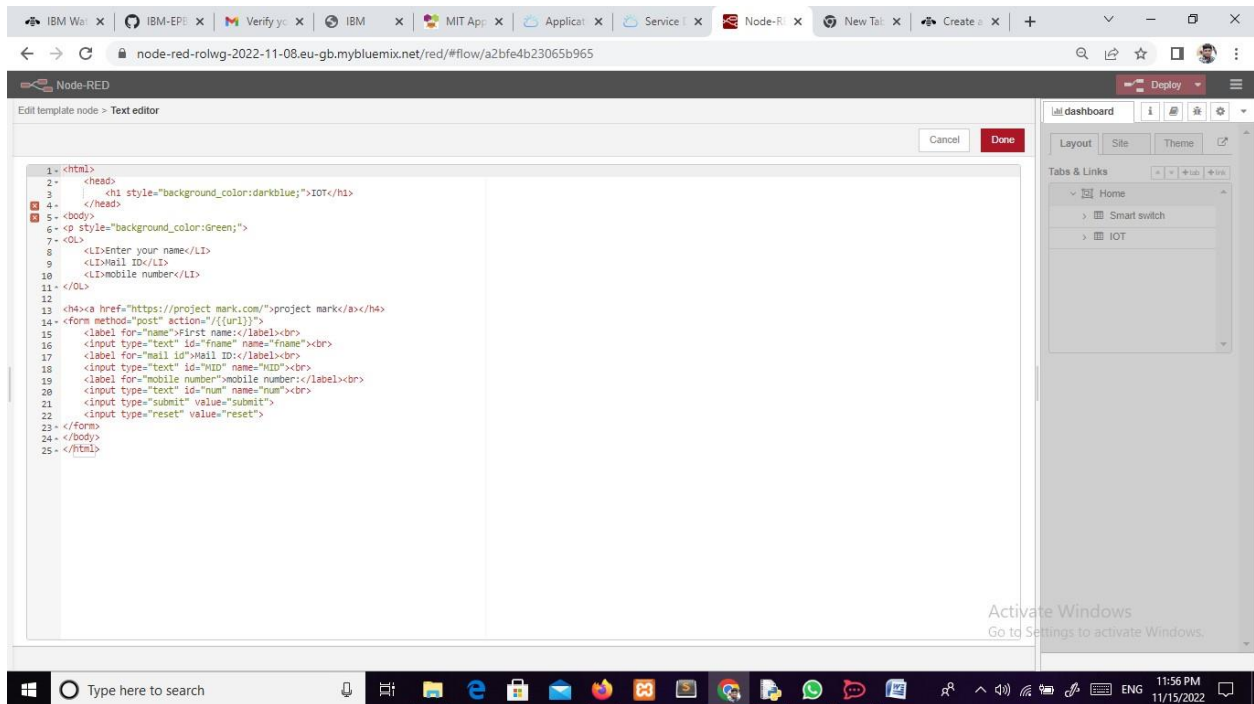
lsl dashboard

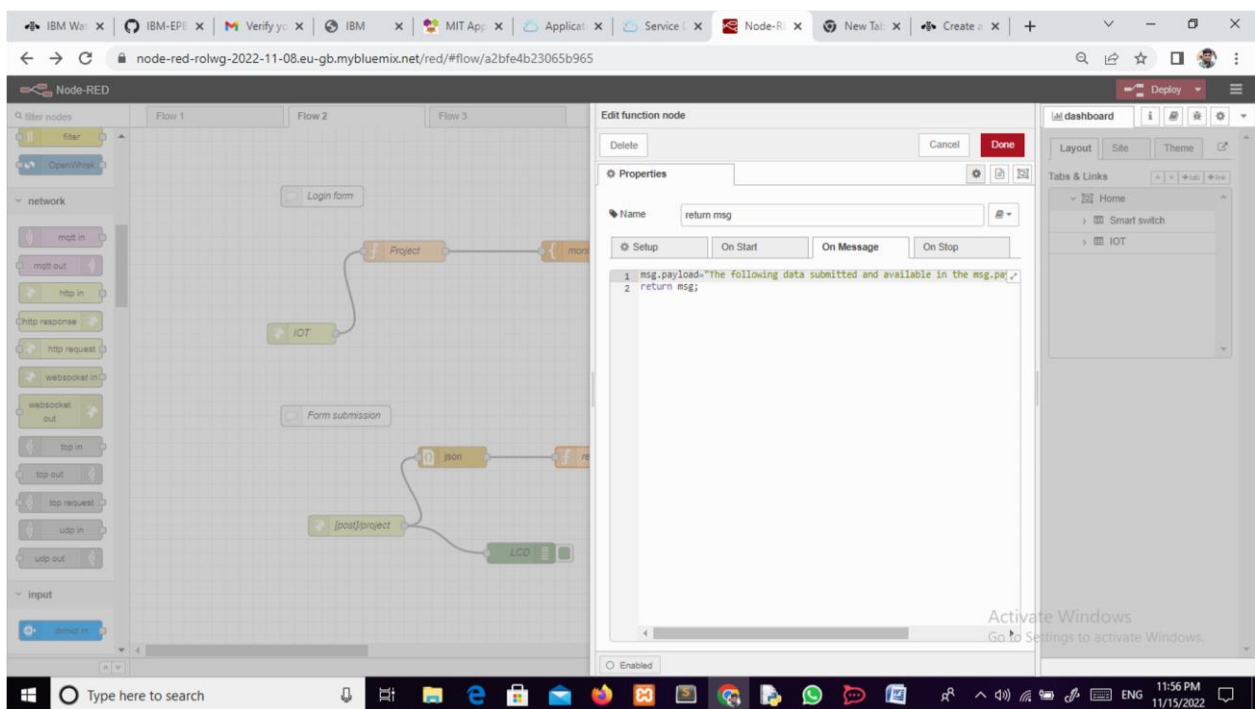
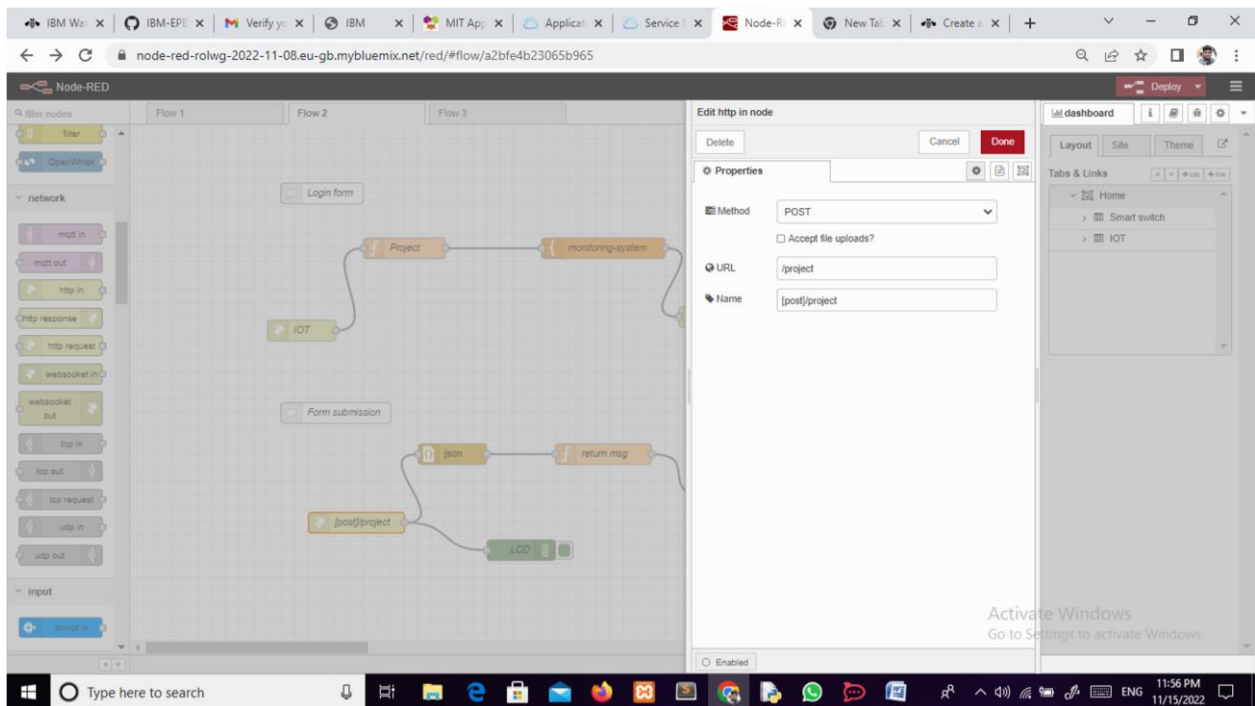
- Home
- Smart switch
- IOT

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Type here to search

11:55 PM  
11/15/2022





To use the above web application, put <https://127.0.0.1:1800/IOT> in browser and search.