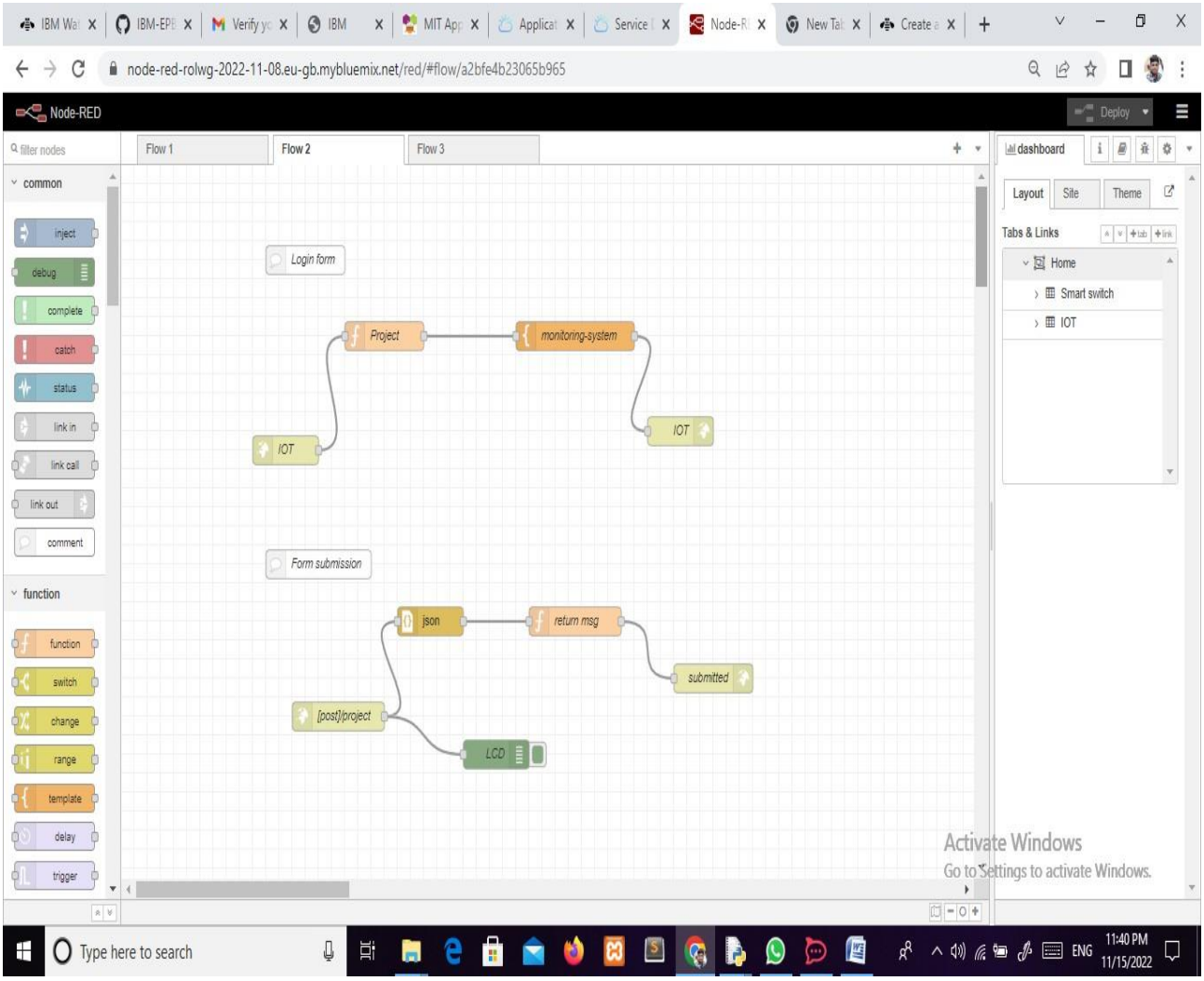
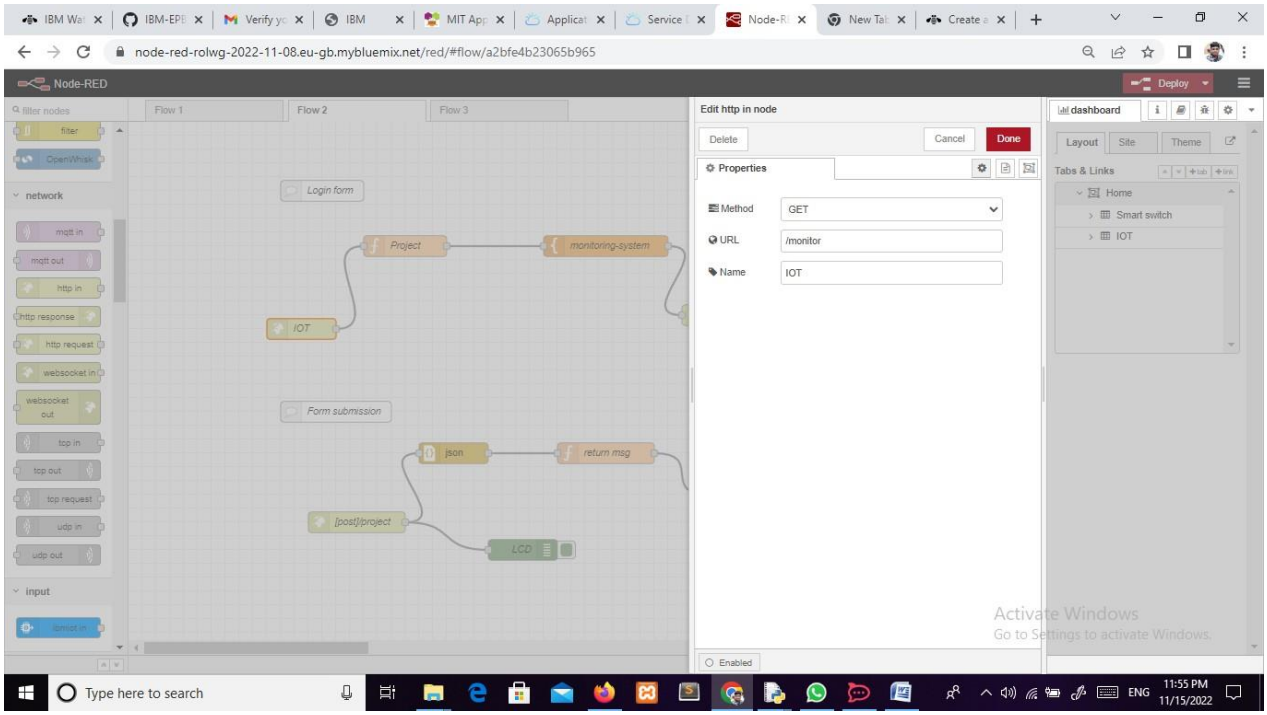
Develop a Web Application using Node-RED

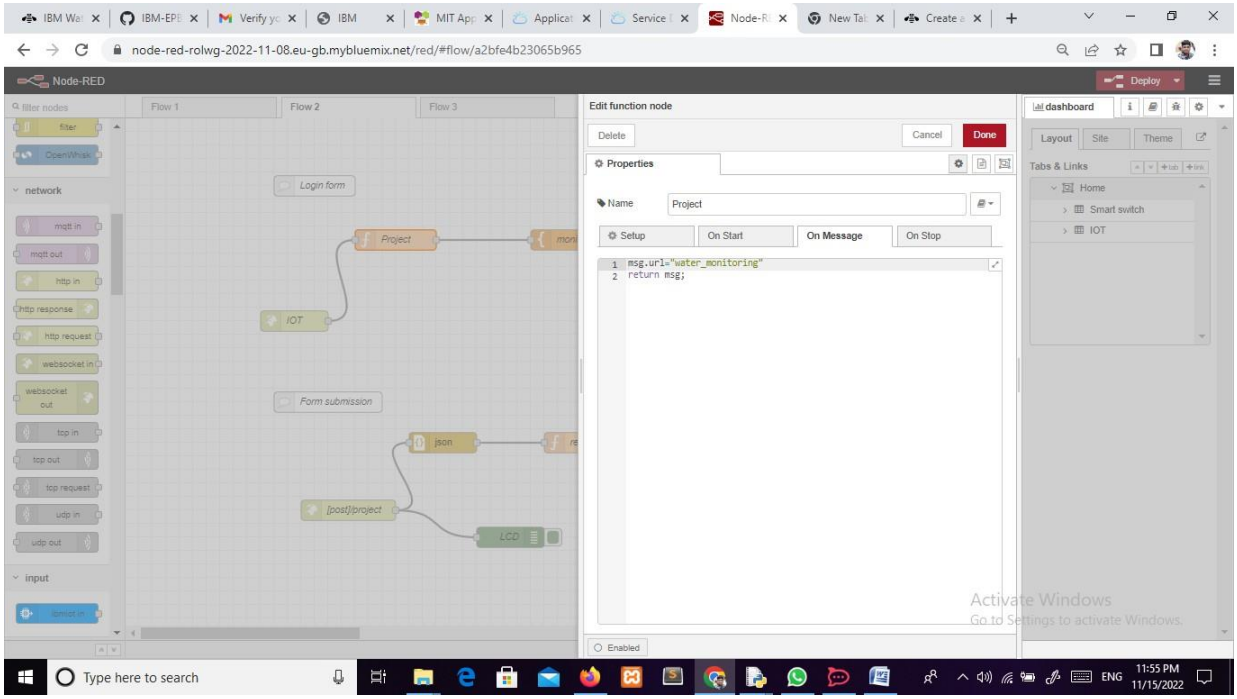
Team ID	**PNT2022TMID05975**
Project Name	**Real-Time River Water Quality Monitoring and Control System**

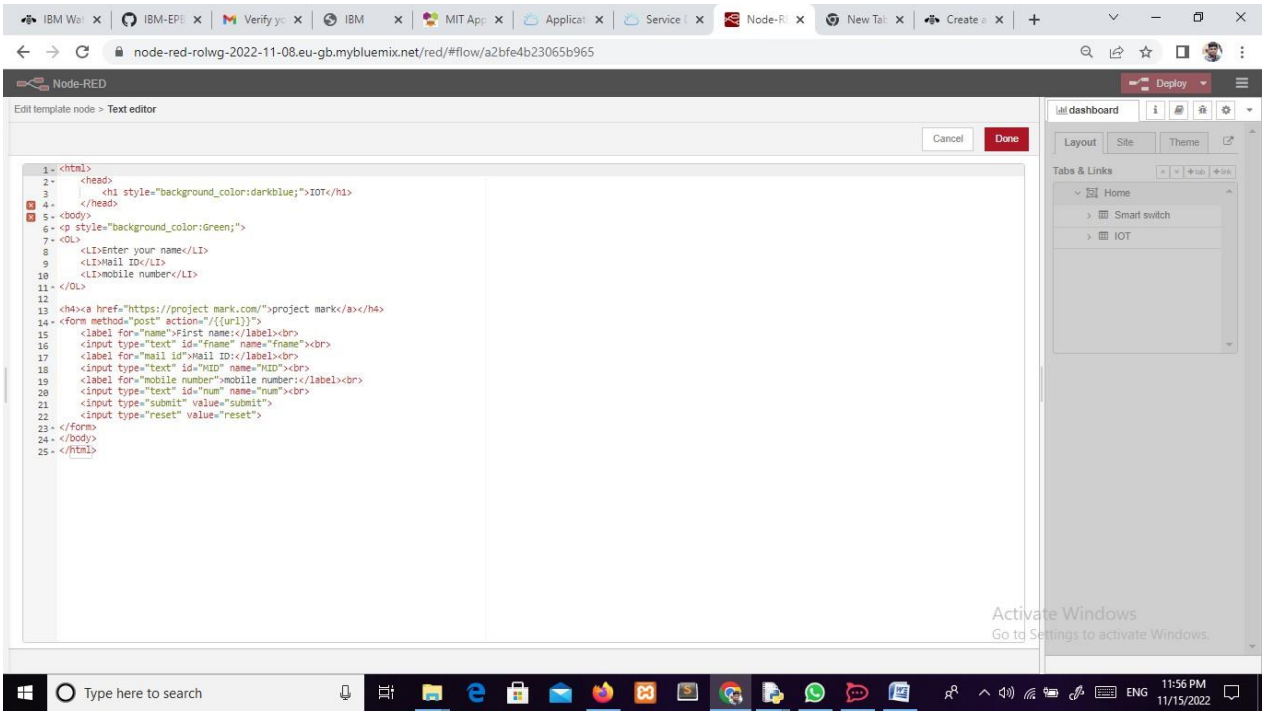
To create the web Application using Node-RED for registration:

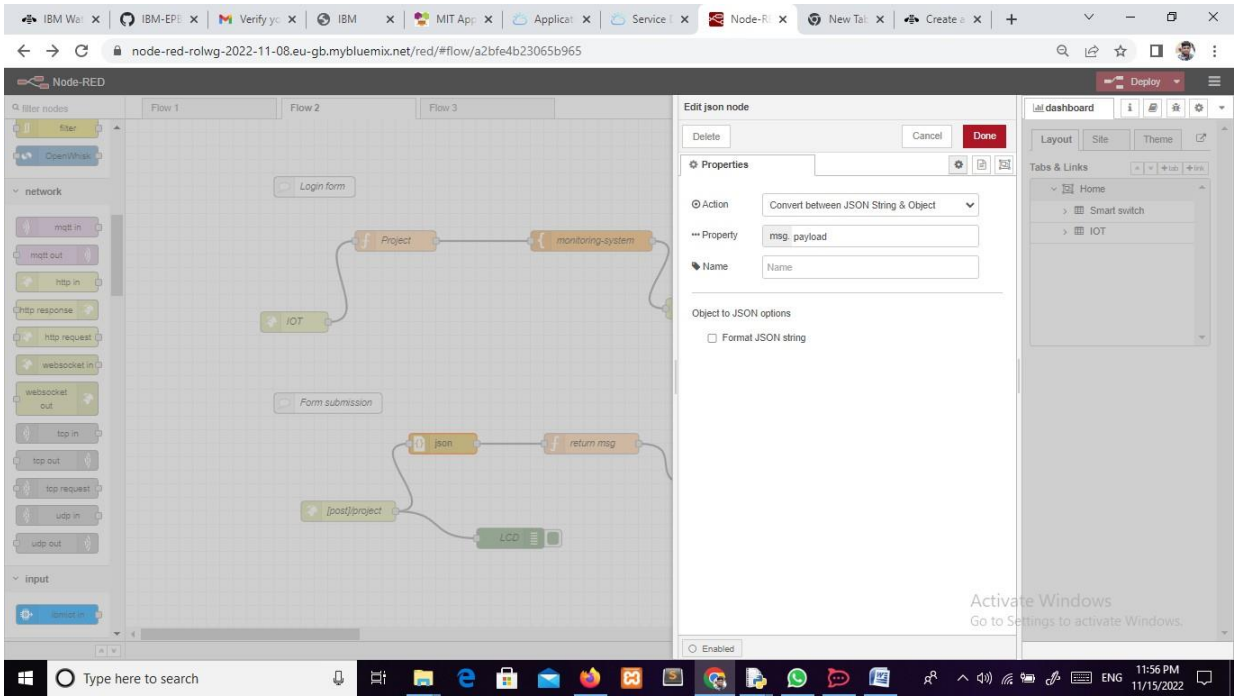


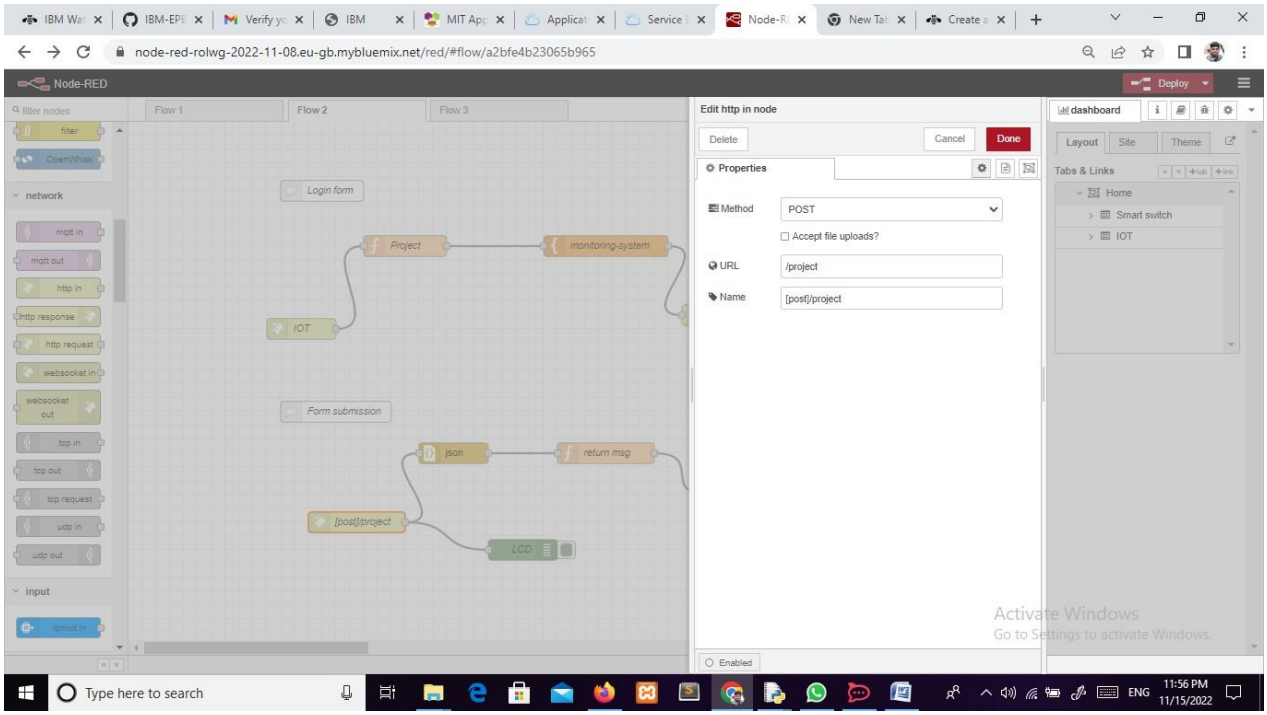
Workflow Diagram

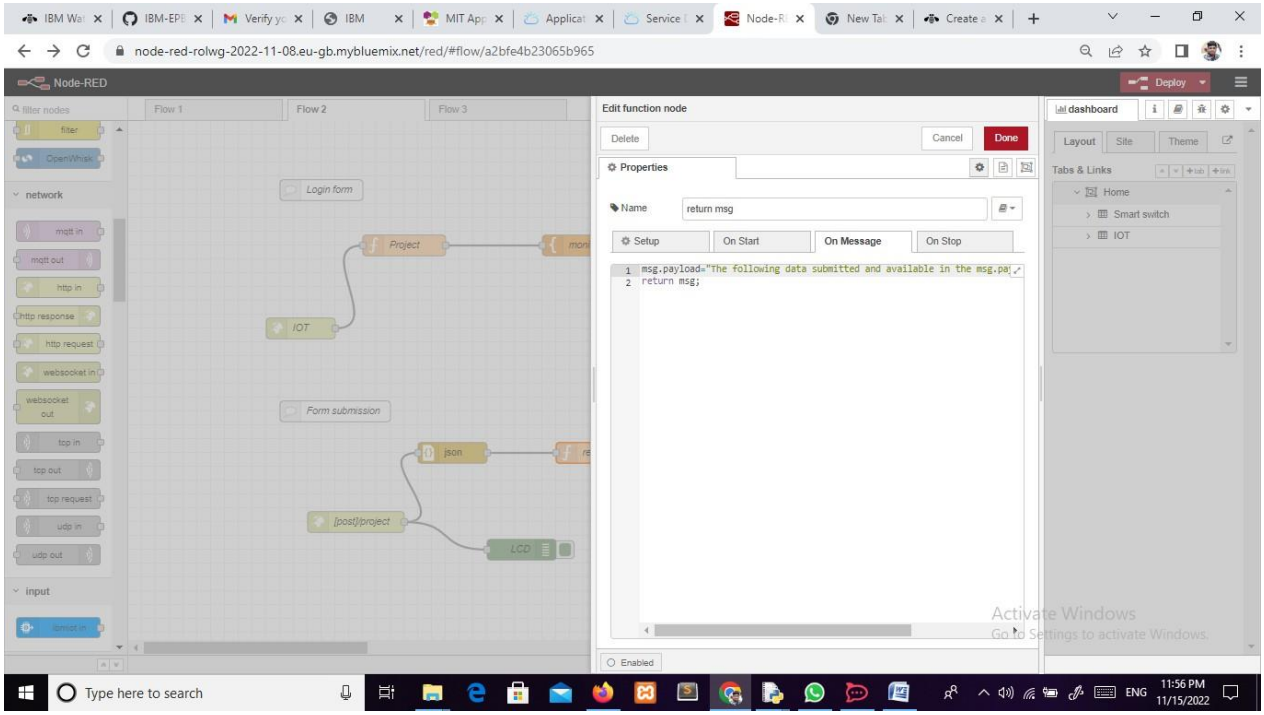

node-red-rolwg-2022-11-08.eu-gb.mybluemix.net/red/#flow/a2bfe4b23065b965
Node-RED
Deploy
Edit http in node
Delete
Cancel
Done
Properties
Method
GET
URL
/monitor
Name
IOT
Login form
Project
monitoring-system
IOT
Form submission
json
return msg
[post]/project
LCD
dashboard
Layout
Site
Theme
Tabs & Links
Home
Smart switch
IOT
Activate Windows
Go to Settings to activate Windows.
Enabled
Type here to search
ENG
11:55 PM
11/15/2022


node-red-rolwg-2022-11-08.eu-gb.mybluemix.net/red/#flow/a2bfe4b23065b965
Node-RED
Deploy
Edit function node
Delete
Cancel
Done
Properties
Name
Project
Setup
On Start
On Message
On Stop
msg.url="water_monitoring"
return msg;
Login form
Project
IOT
Form submission
json
[post]/project
LCD
dashboard
Layout
Site
Theme
Tabs & Links
Home
Smart switch
IOT
Activate Windows
Go to Settings to activate Windows.
Enabled
Type here to search
ENG
11:55 PM
11/15/2022


node-red-rolwg-2022-11-08.eu-gb.mybluemix.net/red/#flow/a2bfe4b23065b965
Node-RED
Deploy
Edit template node > Text editor
Cancel
Done
dashboard
Layout
Site
Theme
Tabs & Links
Home
Smart switch
IOT
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
11:56 PM
11/15/2022


node-red-rolwg-2022-11-08.eu-gb.mybluemix.net/red/#flow/a2bfe4b23065b965
Node-RED
Deploy
Flow 1
Flow 2
Flow 3
Edit json node
Delete
Cancel
Done
Properties
Action
Convert between JSON String & Object
Property
msg. payload
Name
Object to JSON options
Format JSON string
Enabled
Login form
Project
monitoring-system
IOT
Form submission
json
return msg
[post]/project
LCD
network
input
dashboard
Layout
Site
Theme
Tabs & Links
Home
Smart switch
IOT
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG
11:56 PM
11/15/2022





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