

# **Project Development Phase**

## **Sprint-3**

**Project Title: Real-Time River Water Quality Monitoring And Control System**

**Team ID: PNT2022TMID34542**

### **Sprint Description:**

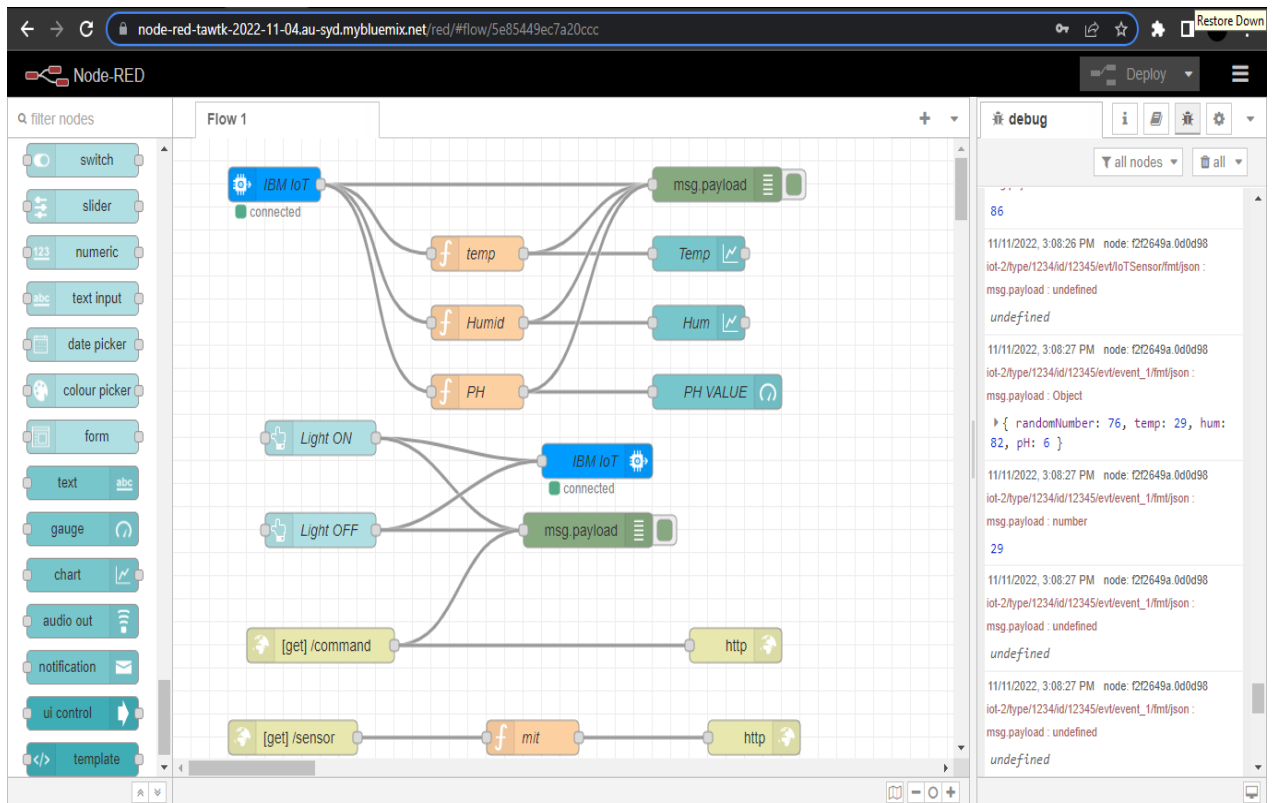
In this sprint , we have completely explained about our executed code in the Node-Red Services with relevant screenshots.

### **Node-Red Service:**

- Create a Node-Red starter application.
- Create an Internet of Things Platform service.
- Enable the continuous delivery feature.
- Open the Node-Red visual programming editor.
- Configure your Node-Red application.
- Add extra nodes to your Node-Red palette.
- Launch the Watson Iot Platform.

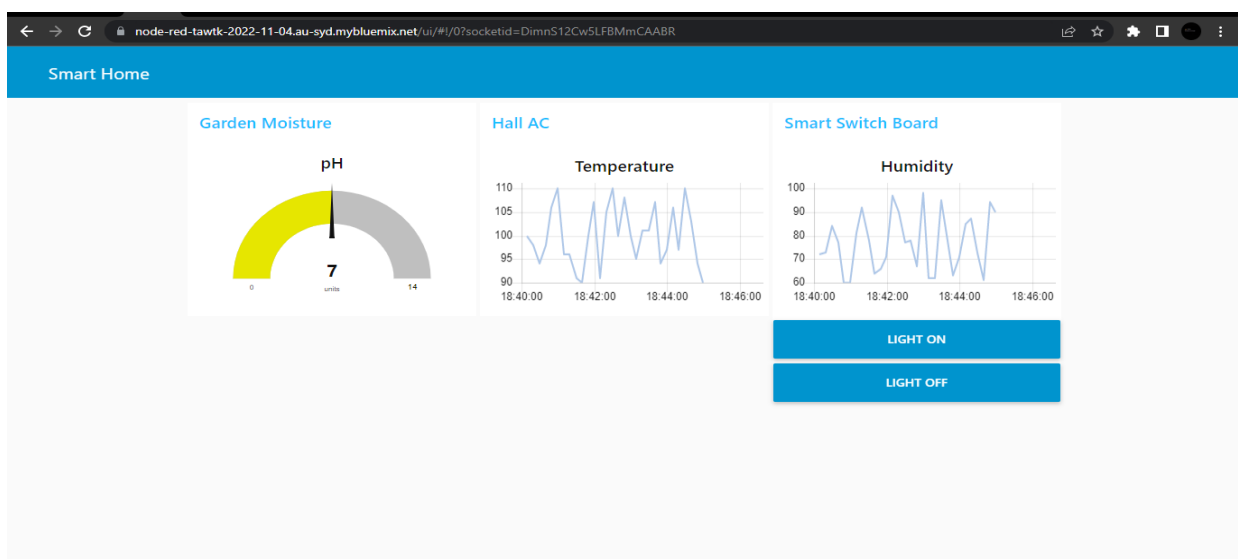
### **Developed Circuit:**

We have developed a circuit flow for the WEB UI and APP Development.



## WEB User Interface:

After the successful simulation of the Node-Red Service, User Interface is created. And this WEB UI includes Temperature, Humidity, pH value in accordance with the Switch Board of Light ON and Light OFF.



# Final Node-Red Sensor Website:

