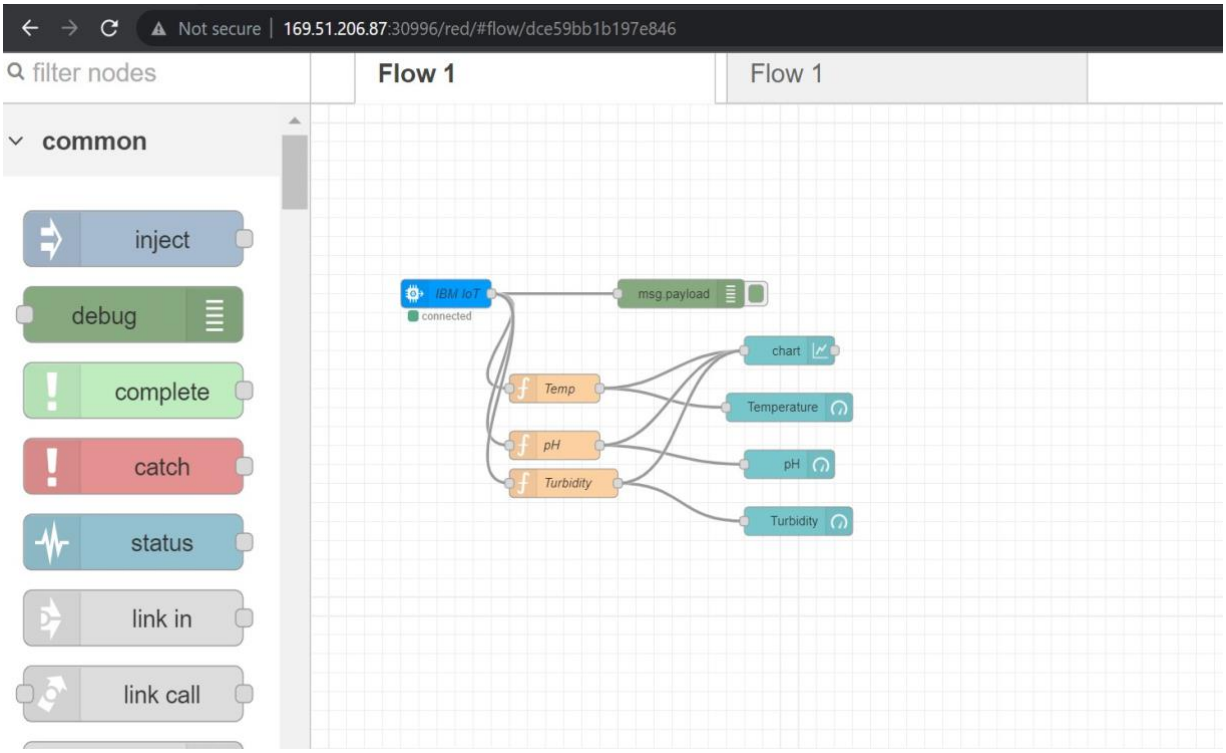
Project Development phase
Sprint-2

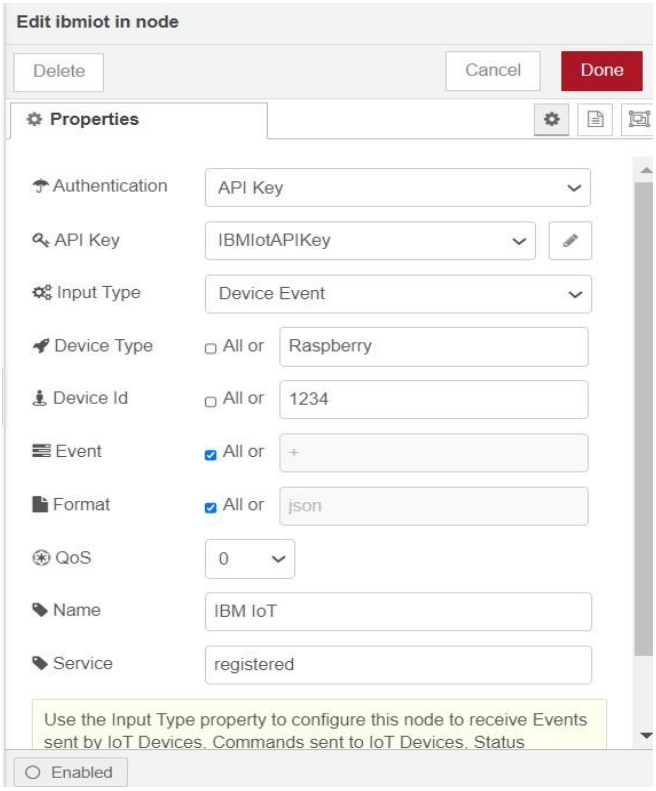
Date	5th November 2022
Team ID	PNT2022TMID49669
Project Name	Real-Time River Water Quality Monitoring and Control System

Design of web application using Node-Red

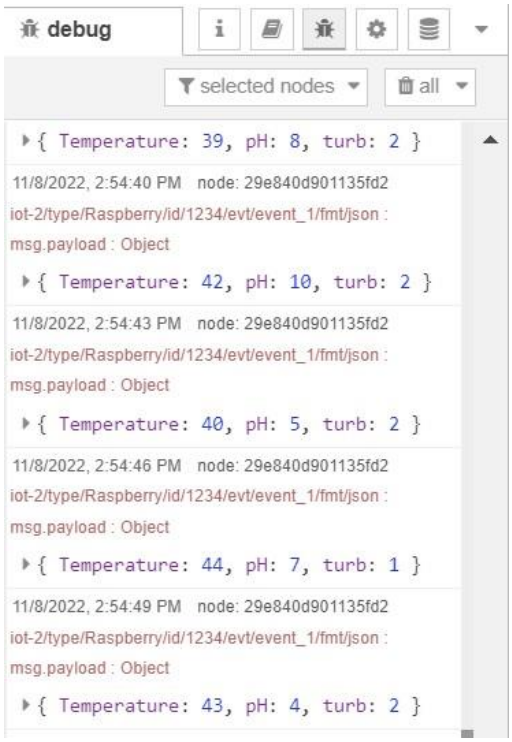
Using Dashboard nodes for create UI(Web application):



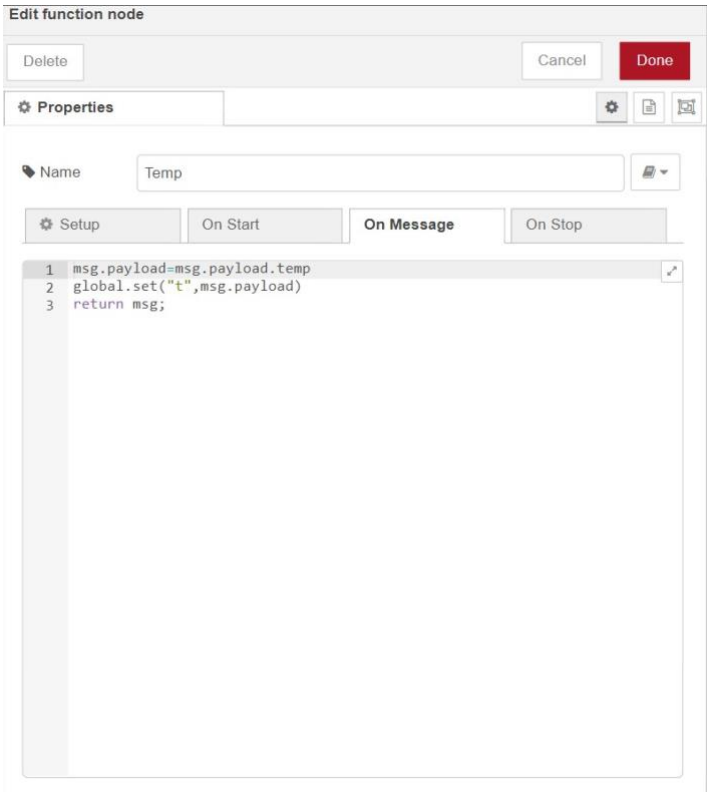
IBMIOT input node configuration:



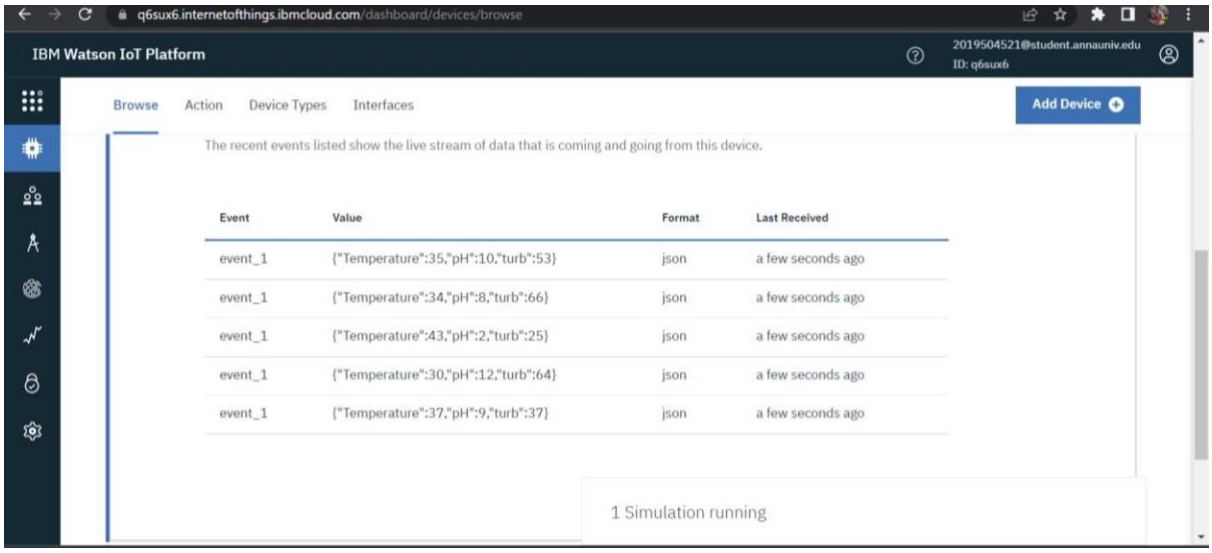
Debug Node output:



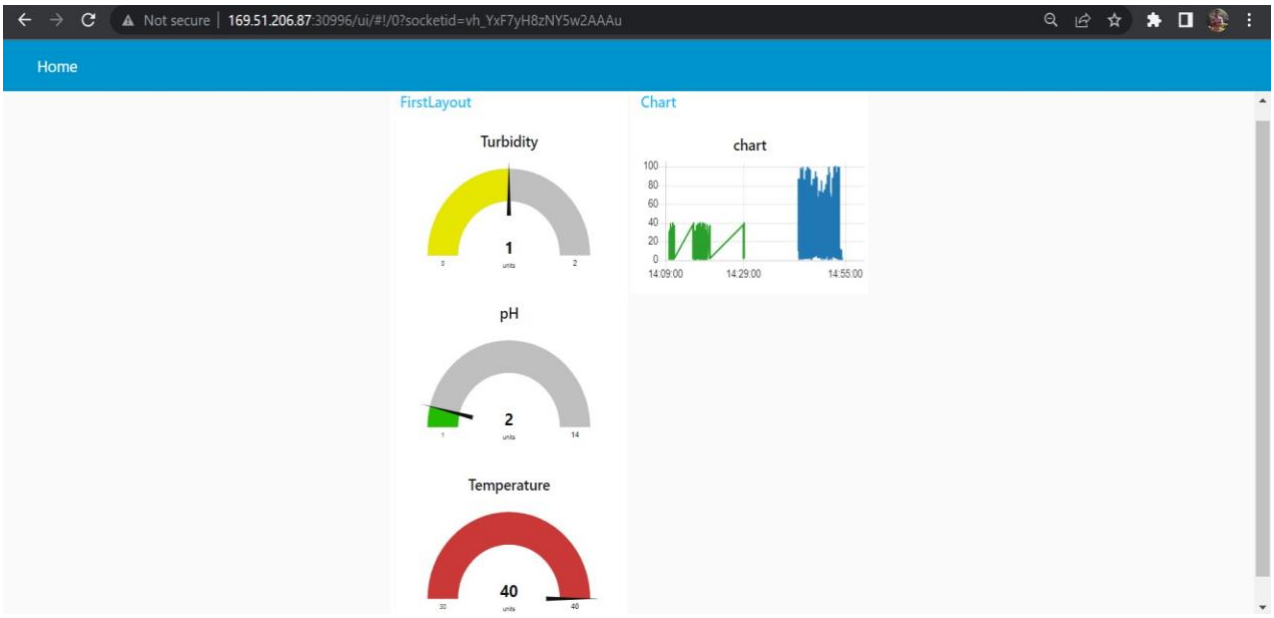
Temperature function node script:



IBM Watson IoT Platform (Sensor readings stored in cloud):



Web Application(User Interface):


Not secure | 169.51.206.87:30996/ui/#!/0?socketid=vh_YxF7yH8zNY5w2AAAu
Home
FirstLayout
Turbidity
1
units
0
2
pH
2
units
1
14
Temperature
40
units
30
40
Chart
chart
100
80
60
40
20
0
14:09:00
14:29:00
14:55:00