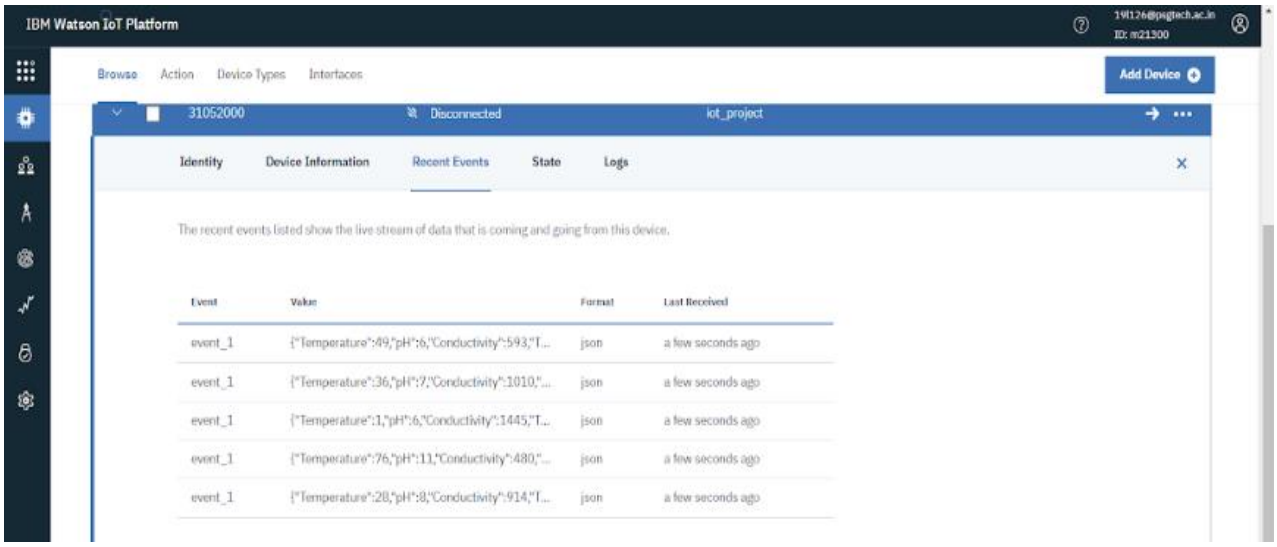
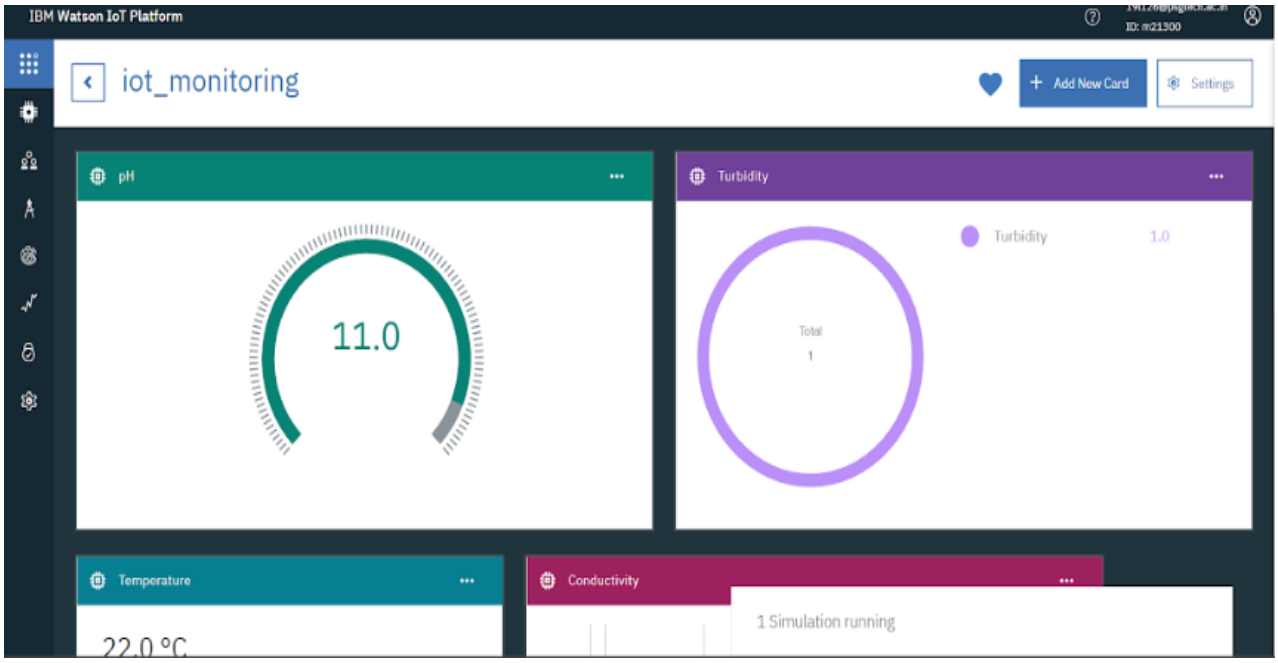
Project Development Phase

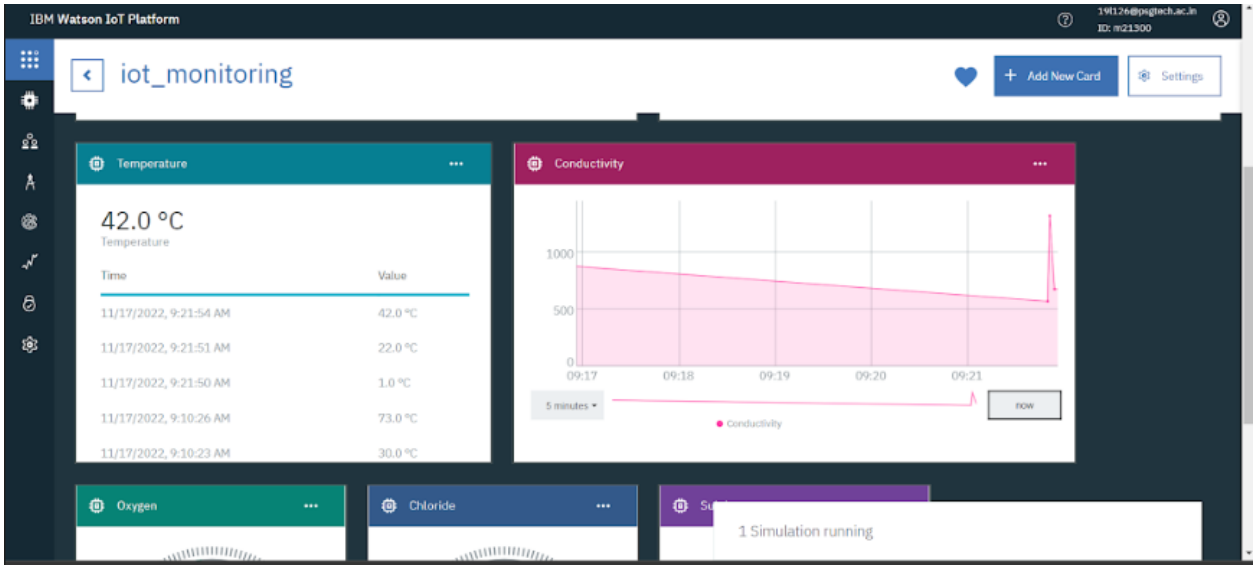
Sprint – 2

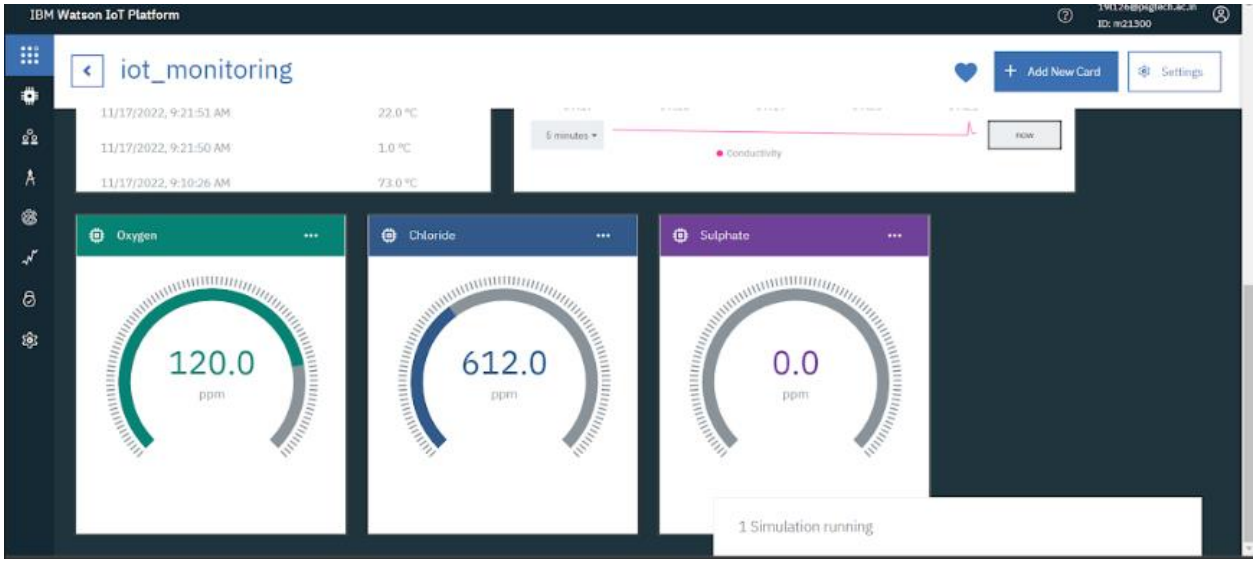
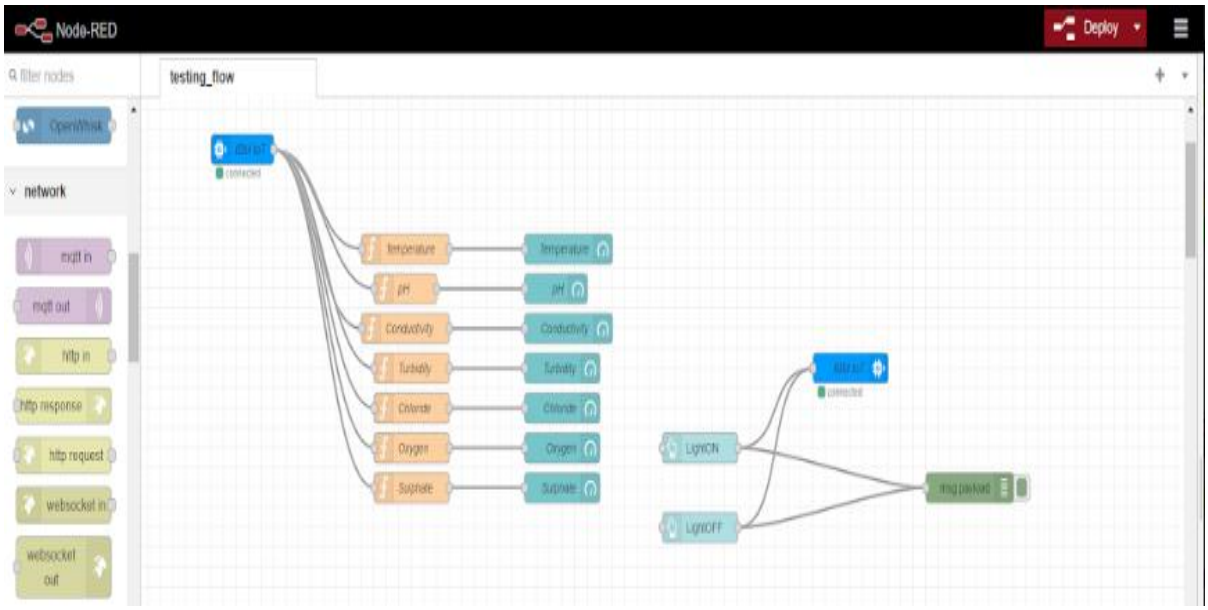
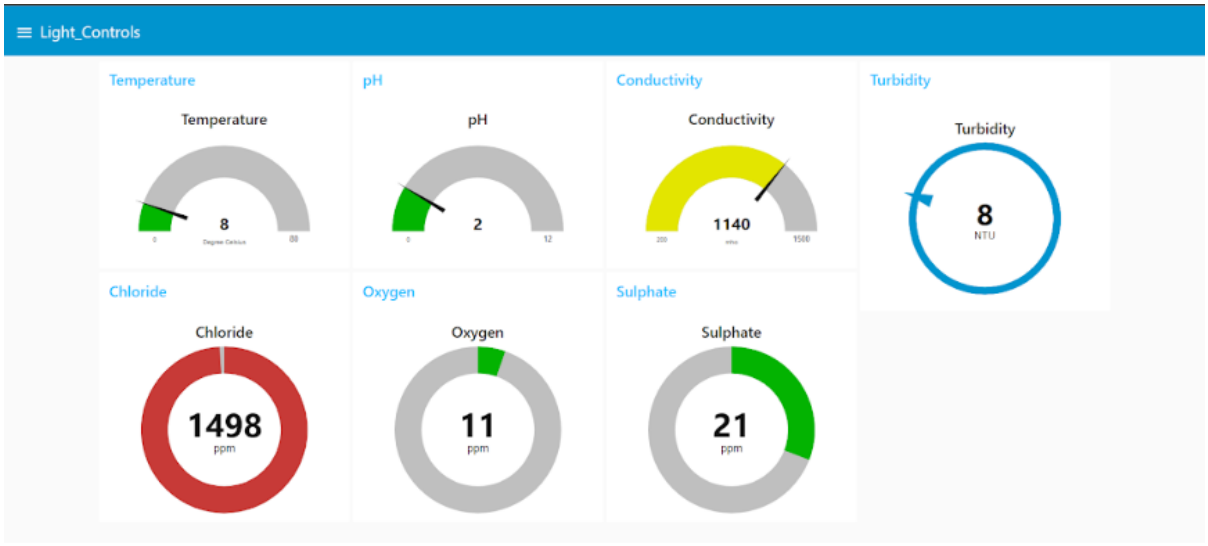
Date	17 November 2022
Team ID	PNT2022TMID12777
Project Name	Project – Real Time River Water Quality Monitoring and Control System

Configuration of IBM Watson IOT Platform and uploading of data to it






IBM Watson IoT Platform
iot_monitoring
Add New Card
Settings
Temperature
42.0 °C
Temperature
Time
Value
11/17/2022, 9:21:54 AM
42.0 °C
11/17/2022, 9:21:51 AM
22.0 °C
11/17/2022, 9:21:50 AM
1.0 °C
11/17/2022, 9:10:26 AM
73.0 °C
11/17/2022, 9:10:23 AM
30.0 °C
Conductivity
1000
500
0
09:17
09:18
09:19
09:20
09:21
5 minutes
now
Conductivity
Oxygen
Chloride
1 Simulation running


IBM Watson IoT Platform
iot_monitoring
Add New Card
Settings
11/17/2022, 9:21:51 AM
22.0 °C
11/17/2022, 9:21:50 AM
1.0 °C
11/17/2022, 9:10:26 AM
73.0 °C
5 minutes
now
Conductivity
Oxygen
120.0
ppm
Chloride
612.0
ppm
Sulphate
0.0
ppm
1 Simulation running

Configuration of NodeRED and creating Web UI