

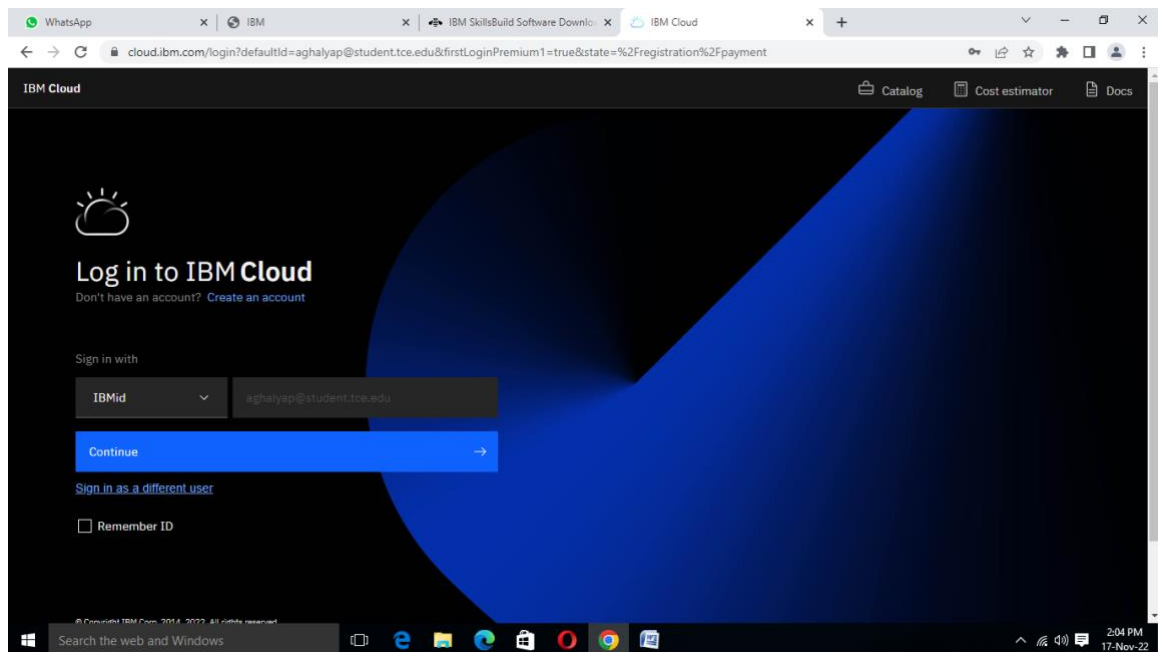
SPRINT 1

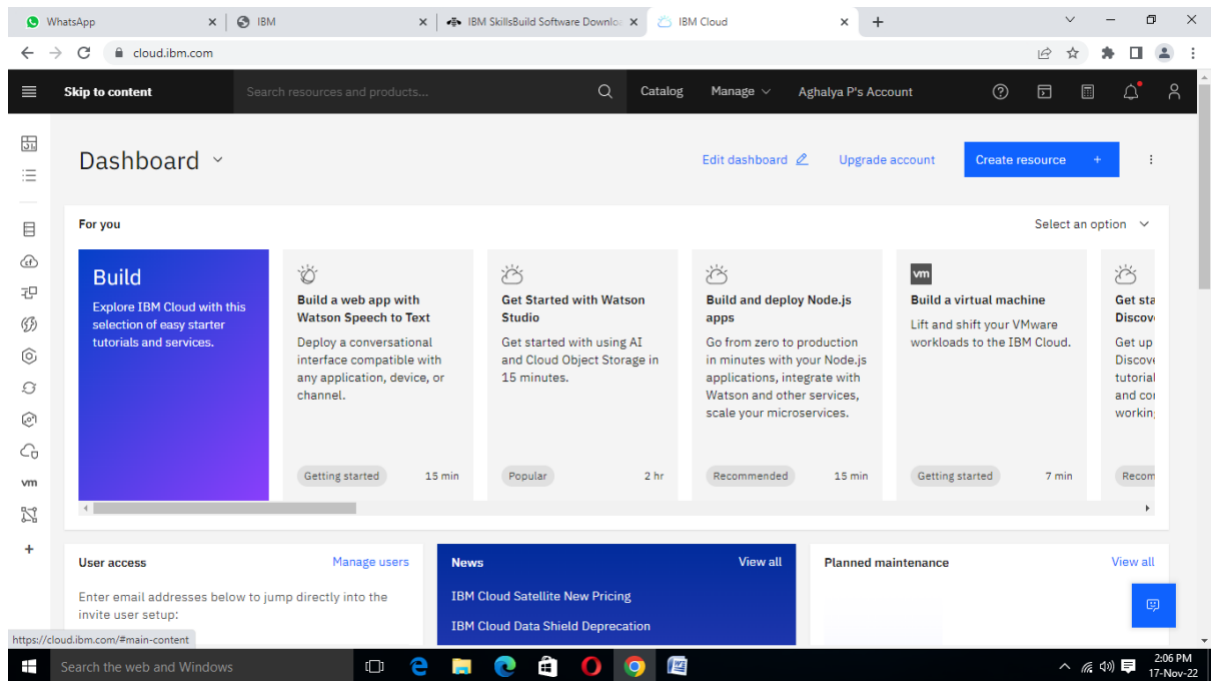
Date	13 November 2022
Team ID	PNT2022TMID21389
Project name	Gas Leakage Monitoring and Alerting system for Industries

Objectives

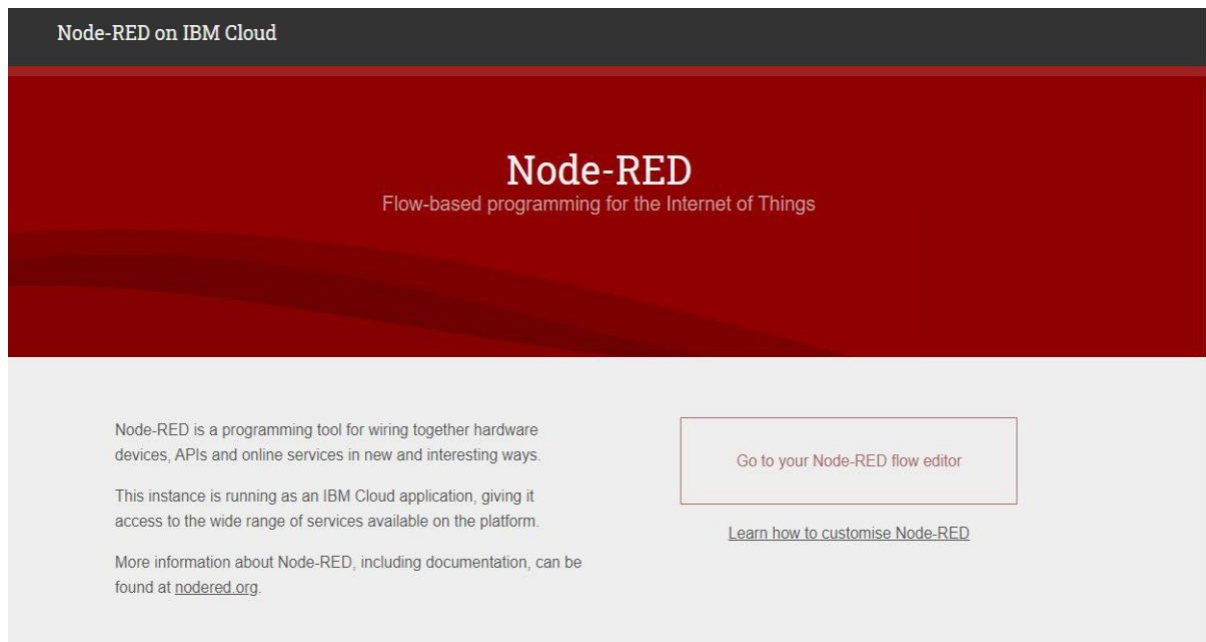
- ✓ To create IBM cloud account
- ✓ To create node red service
- ✓ Create a device in IBM and keep the source code ready for simulation

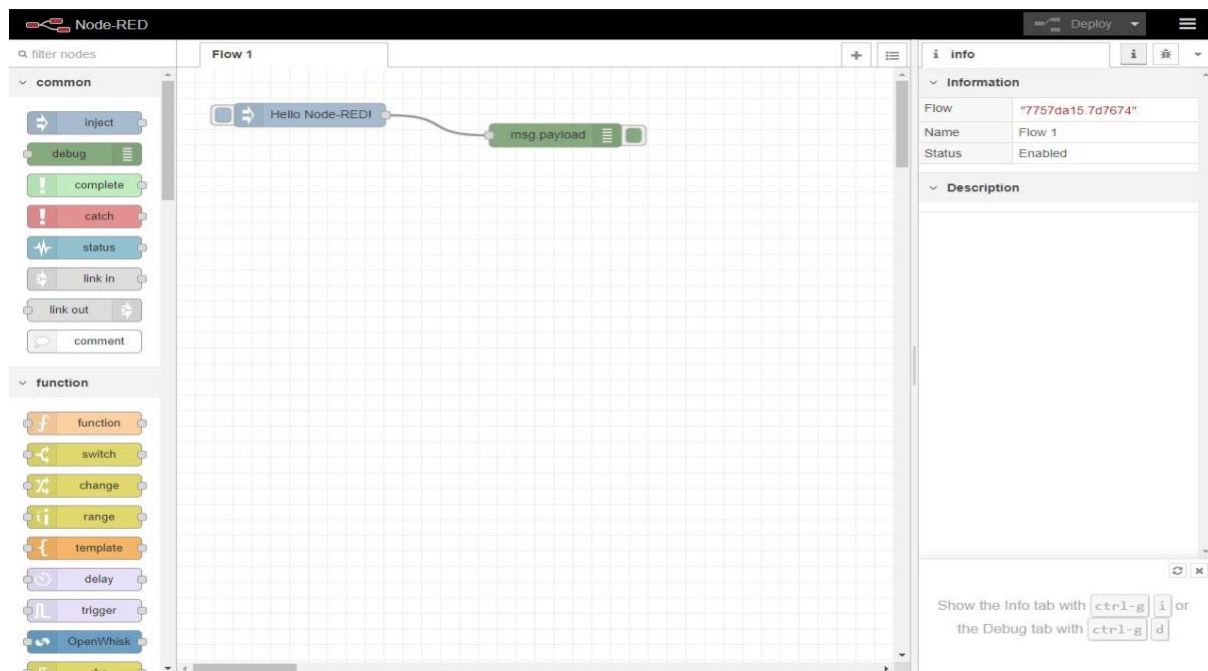
Step 1: Login to IBM cloud



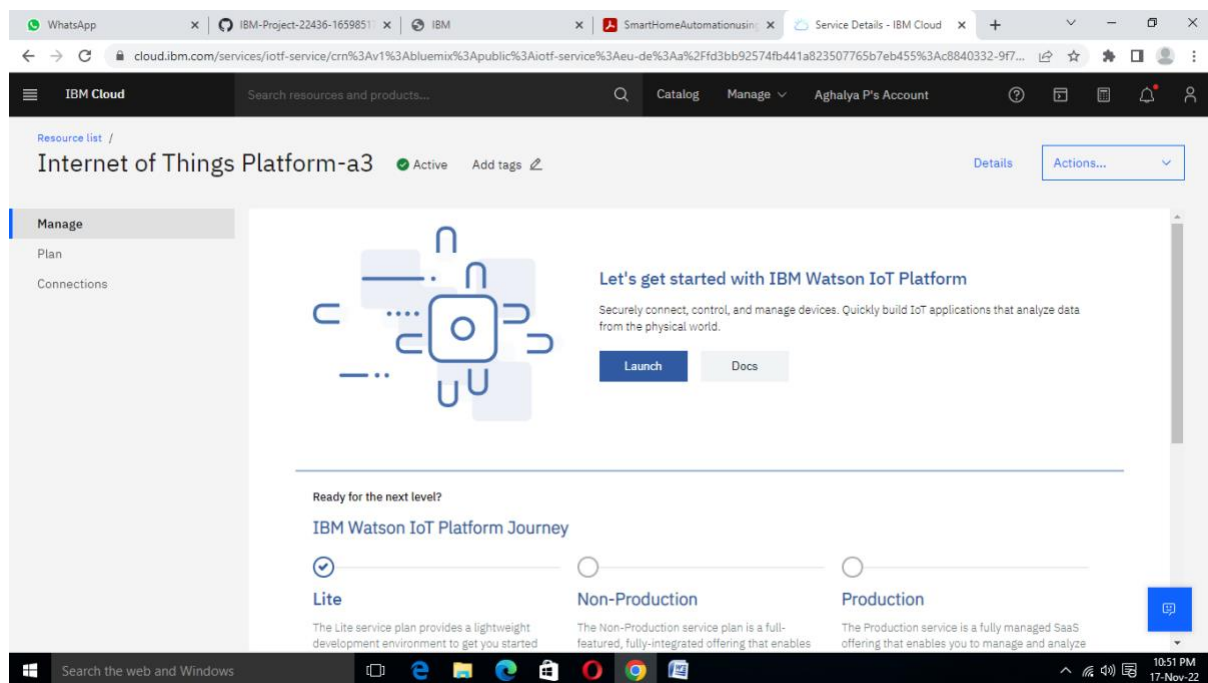


Step 2: Create a node red app

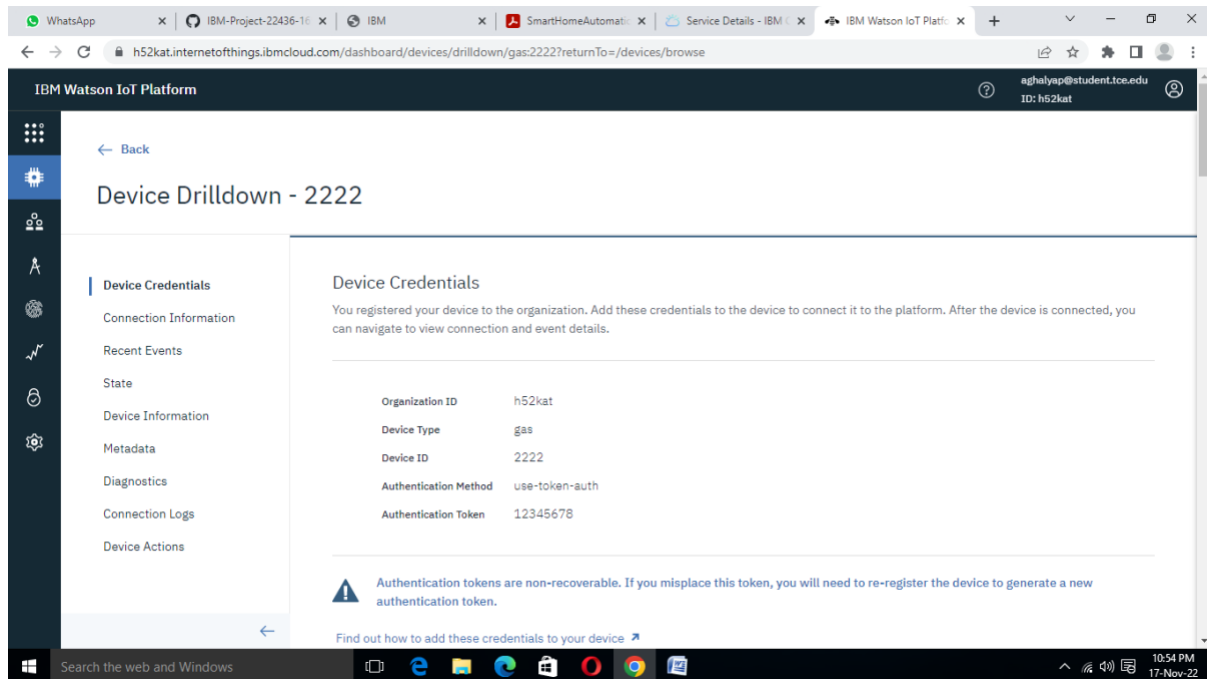




Step 3: Create a new device in IBM cloud



Device credentials



Python code:

To measure the atmospheric temperature and humidity and to measure the gas leakage level.

“Temperature”: `random(0,90)`

“Humidity”: `random(0,100)`

“Gas level”: `random(0,150)`