

## **PRE-REQUISITES**

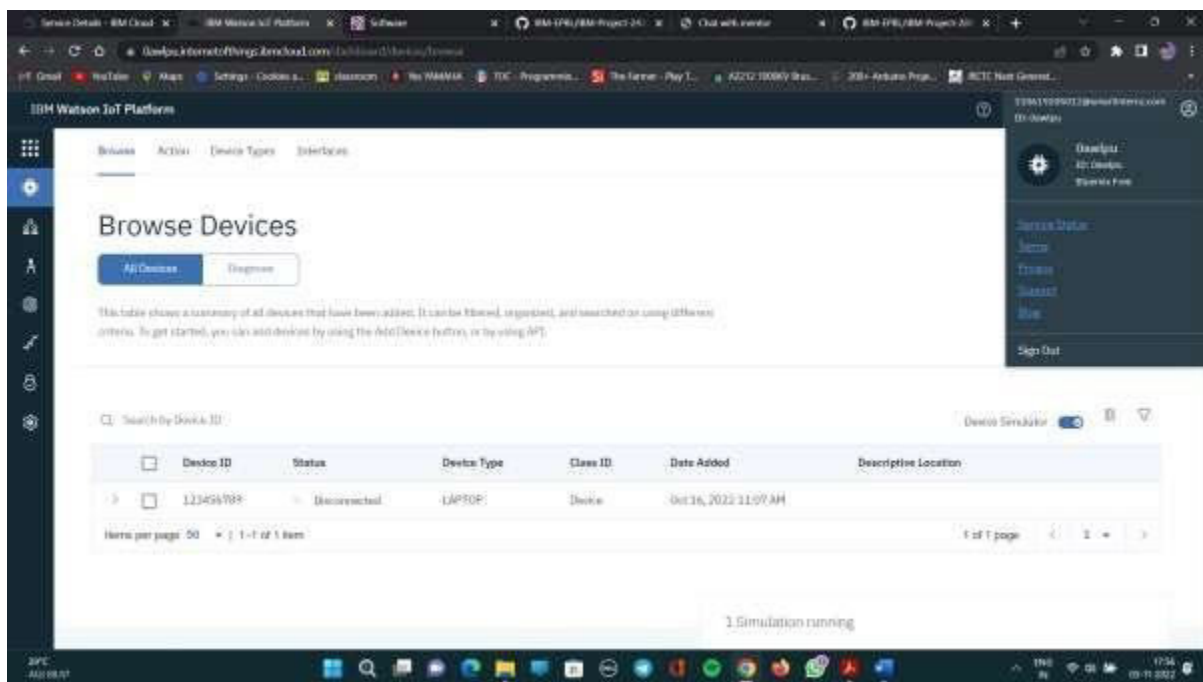
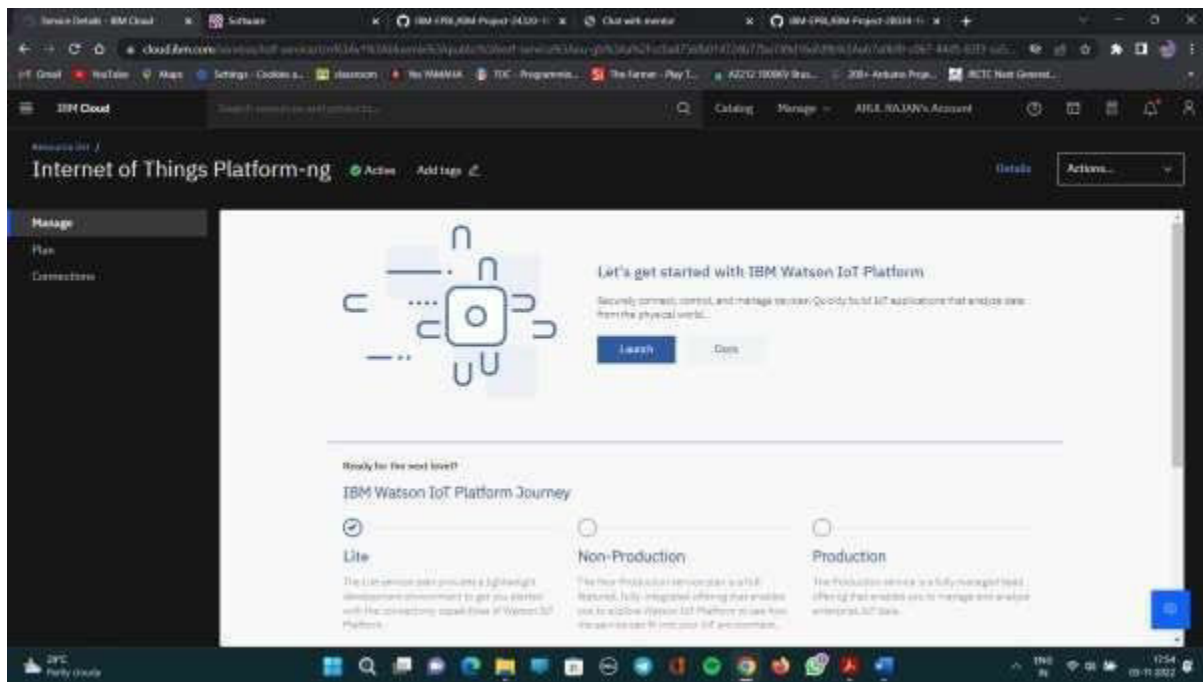
### **IOT Watson Platform & IOT devices**

|              |   |
|--------------|---|
| DATE         | 16 Nov 2022   |
| TEAM ID      | PNT2022TMID36806  |
| PROJECT NAME | Real-Time River Water Quality Monitoring and Control system |
| Marks        | 2 Marks   |

### **IOT Watson Platform:**

- Integrate Continuous Testing Across All Development Stages in the Process with Watson IoT.
- Improve Product Quality through Continuous Testing to Find Issues at the Early Stage.
- Optimise Performance. Get Started for Free. Insightful Solutions. Reduce Costs & Hurdles.

### **IOT Watson Platform and IOT device with bluemix simulator**



**Device simulation is functional:**

Service Details - IBM CloudIBM Watson IoT PlatformSoftwareIBM CPUL/IBM-Project-20Chat with mentorIBM CPUL/IBM-Project-20

owasp.info/stuffthings.Emcloud.comdashboar@devices.browse

CloudYouTubeMapsSettings - Desktop...classroomWU WAMWATOC - Programma...The Farmer - Ray T...AZ/12 100KV Bra...300+ Arduino Progs...IBCTC Next Generat...

IBM Watson IoT Platform316619203013@uswatsoniot.comID: Sample

BrowserActionDevice TypesInterfacesAdd Device

Delete1 item selectedCancel

| Device ID | Status       | Device Type | Class ID | Date Added            | Descriptive Location |
|-----------|--------------|-------------|----------|-----------------------|----------------------|
| 123456789 | Disconnected | LAPTOP      | Device   | Oct 18, 2022 11:07 AM |                      |

IdentityDevice InformationRecent EventsStateLogs

The recent events listed show the live stream of data that is coming and going from this device.

| Event     | Value                                   | Format | Last Received     |
|-----------|---|--------|-------------------|
| eventflow | {"randomNumber":59,"temp":100,"hum":52} | json   | a few seconds ago |
| eventflow | {"randomNumber":81,"temp":103,"hum":68} | json   | a few seconds ago |

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1 Simulation running

28°CPartly cloudy

80%IN17:5705-11-2022