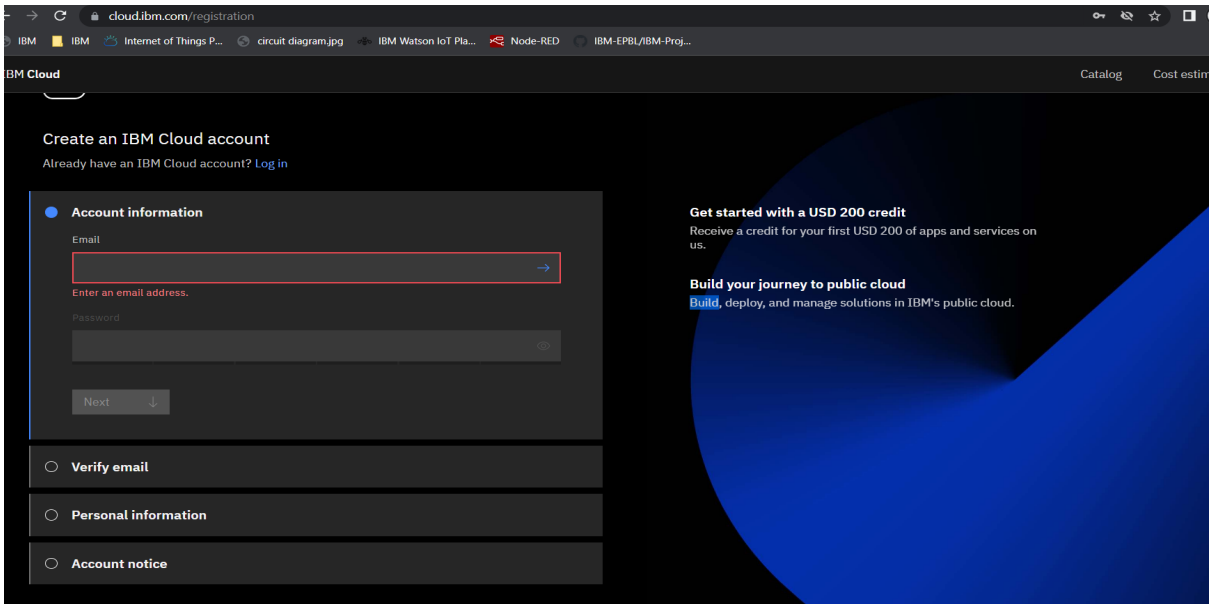


SPRINT – 1

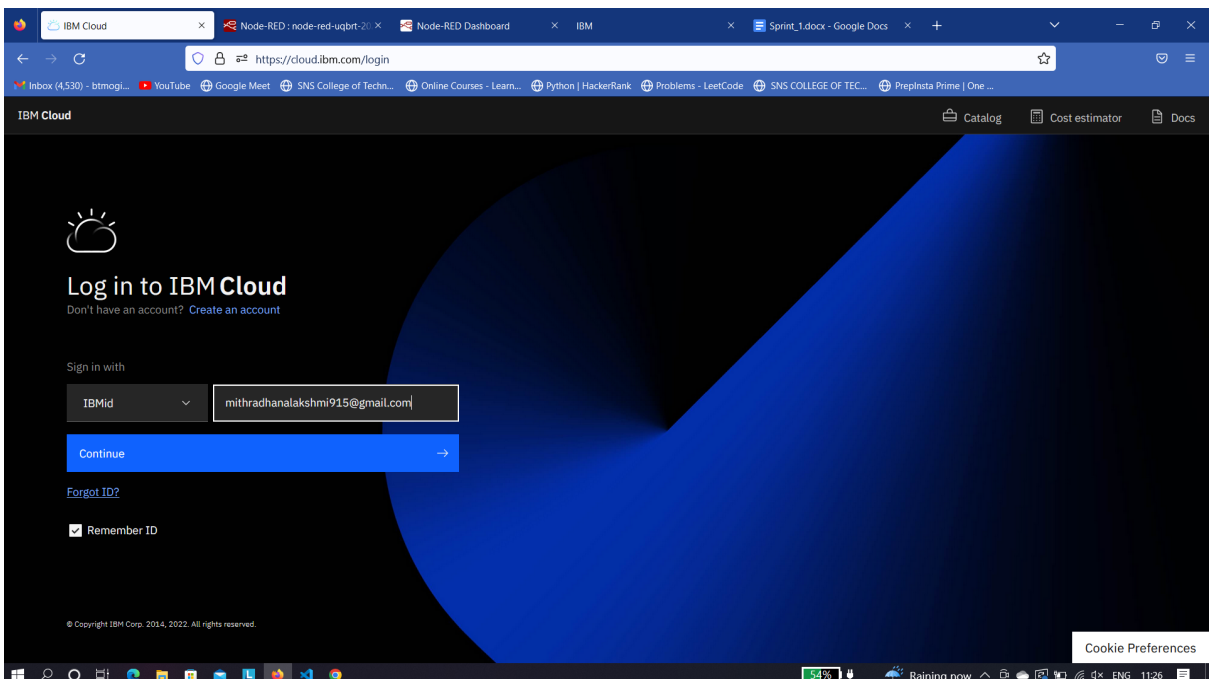
Date	2 November 2022
Team ID	PNT2022TMID17659
Project Name	Smart waste management system for metropolitan cities
Story points	20

Step-1: To Create IBM Cloud



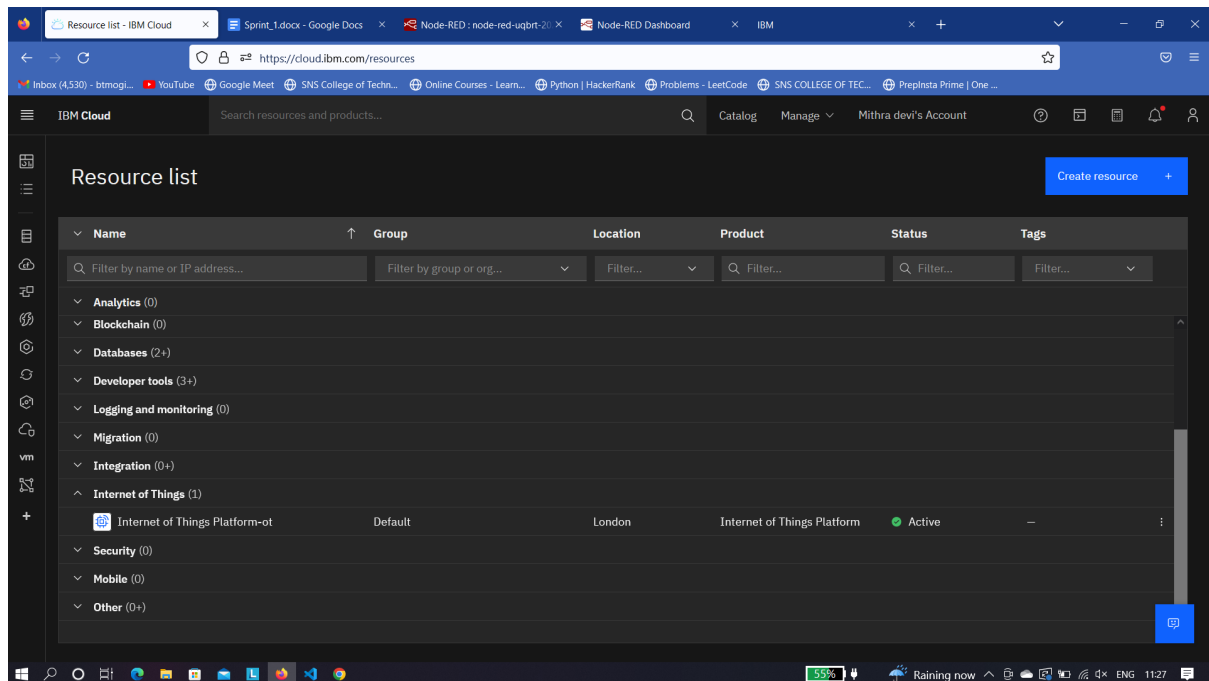
The screenshot shows the IBM Cloud registration page. The main heading is "Create an IBM Cloud account". Below it, there is a link "Already have an IBM Cloud account? Log in". The registration form is divided into four steps: "Account information", "Verify email", "Personal information", and "Account notice". The "Account information" step is currently active, showing fields for "Email" and "Password". The "Email" field has a red border and a red error message "Enter an email address." below it. The "Password" field has a red border and a red error message "Password must be at least 8 characters long." below it. To the right of the form, there is a section titled "Get started with a USD 200 credit" and another titled "Build your journey to public cloud".

Step-2 : Login to IBM Cloud Account

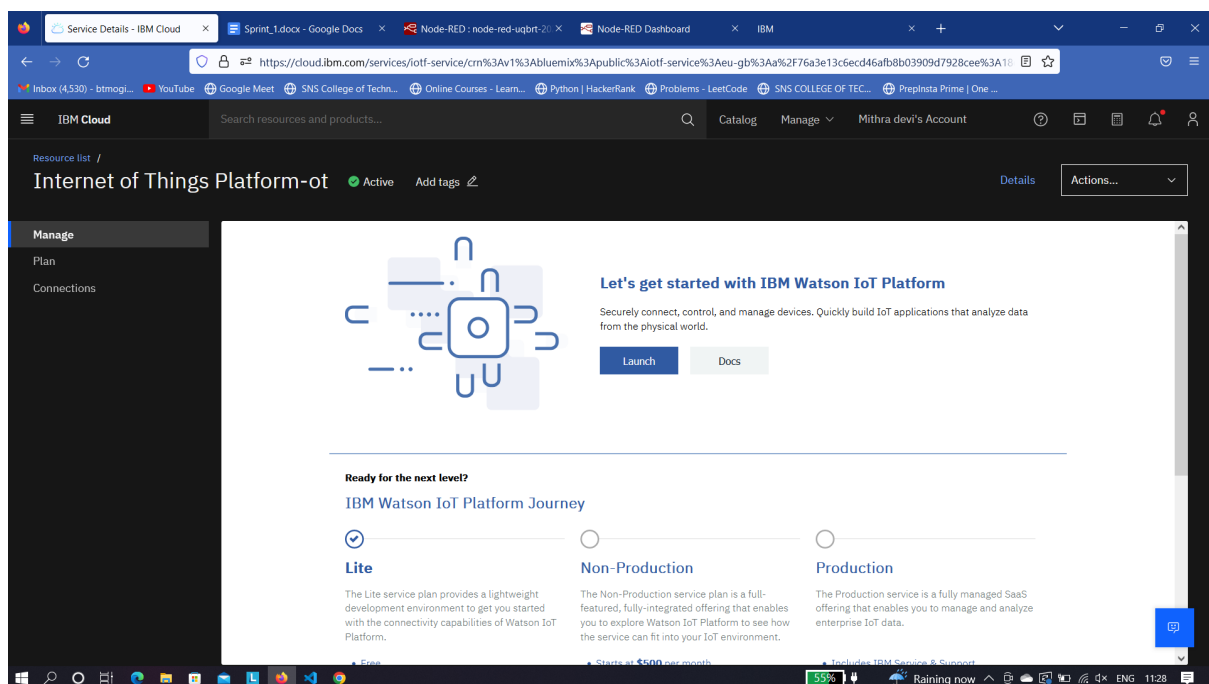


The screenshot shows the IBM Cloud login page. The main heading is "Log in to IBM Cloud". Below it, there is a link "Don't have an account? Create an account". The login form is divided into two sections: "Sign in with" and "Remember ID". The "Sign in with" section has a dropdown menu for "IBMid" and a text input field for the email address "mithradhanalakshmi915@gmail.com". Below these fields is a blue "Continue" button. The "Remember ID" section has a checkbox that is checked. At the bottom of the page, there is a "Cookie Preferences" button.

Step-3: Using IBM CLOUD services for the Project



Step – 4 : configure IBM Watson IOT platform



Step – 5 : IBM Watson IOT platform is created

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	Rasp	Device	Nov 12, 2022 10:39 AM	

Items per page 50 | 1–1 of 1 item

1 of 1 page

1 Simulation running

Step – 6 : to connect the IOT device to the IBM cloud , create device in the IBM Watson IOT Platform and get the device credentials

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	Rasp	Device	Nov 12, 2022 10:39 AM	

Items per page 50 | 1–1 of 1 item

1 of 1 page

1 Simulation running

Identity Device Information Recent Events State Logs

Device ID 12345

Device Type Rasp

Date Added Nov 12, 2022 10:39 AM

Added By mithradhanalakshmi915@gmail.com

Connection Status Disconnected

Step – 10 : Connect the device with IOT device and start simulating.

The screenshot displays the IBM Watson IoT Platform dashboard. The main interface shows a table of devices with columns for Device ID, Status, Device Type, Class ID, and Date. A device with ID 12345 is listed as 'Disconnected' with a type of 'Rasp'. Below the table, a 'Device Information' panel shows details for device 12345, including its type, date added, and connection status.

A 'Simulations' modal window is open on the right side of the dashboard. It shows '1/50 Simulations Running' and a '+ New Simulation' button. The modal lists the device type 'Rasp' and provides options to 'Create Simulated Device' or 'Use Registered Device'. At the bottom of the modal, it indicates '49 events sent' and '2.09 KB sent'.

Device ID	Status	Device Type	Class ID	Date
12345	Disconnected	Rasp	Device	Nov 12, 2022 10:39 AM

Identity	Device Information	Recent Events	State	Logs
Device ID	12345			
Device Type	Rasp			
Date Added	Nov 12, 2022 10:39 AM			
Added By	mithradhanalakshmi915@gmail.com			
Connection Status	Disconnected			