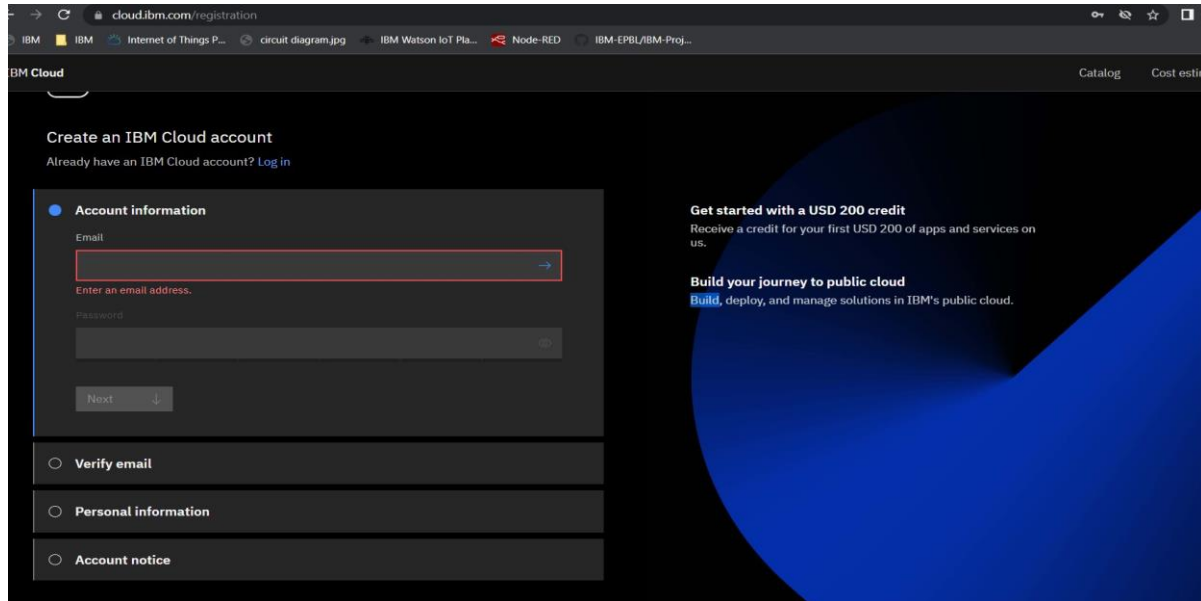


# SPRINT – 1

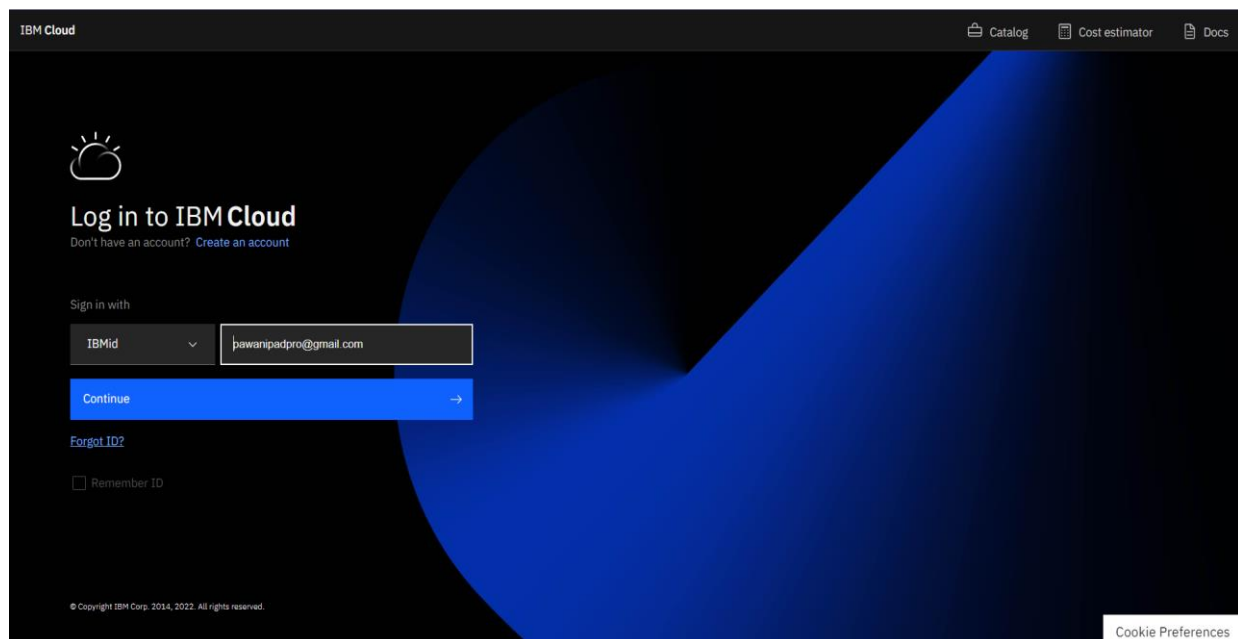
Date	11 November 2022
Team ID	PNT2022TMID27367
Project Name	Smart waste management system for metropolitan cities
Story points	20

## Step 1: To Create IBM Cloud



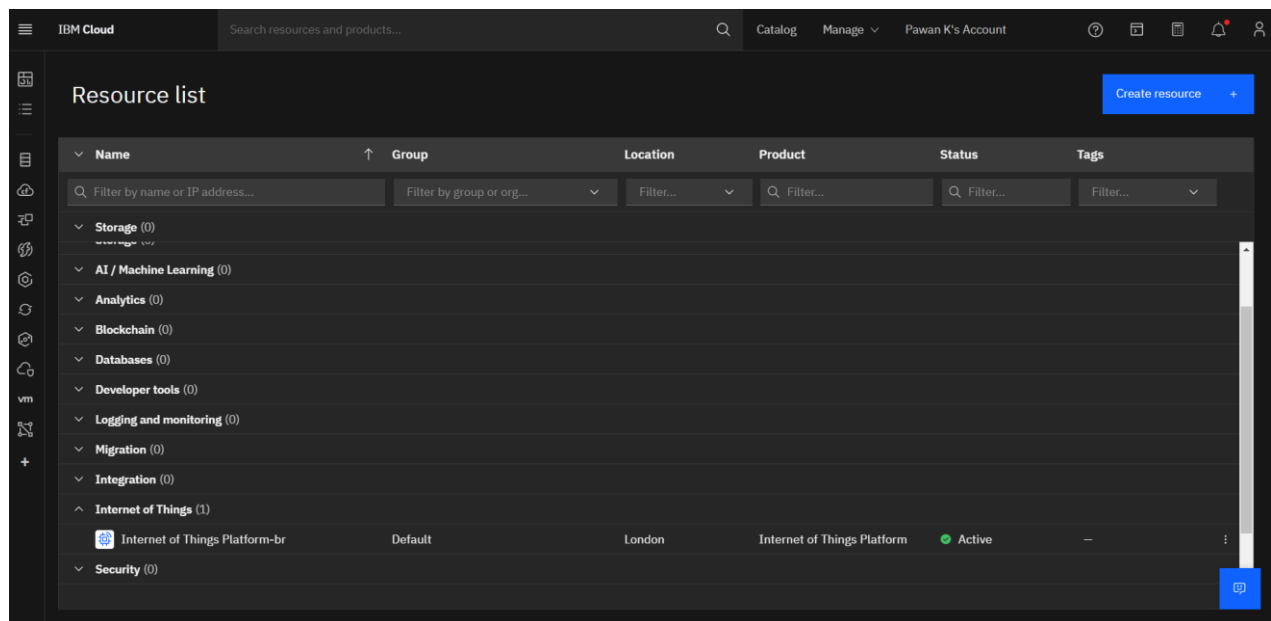
The screenshot shows the IBM Cloud registration page. The main heading is "Create an IBM Cloud account". Below it, there is a link "Already have an IBM Cloud account? Log in". The registration form is divided into four steps: "Account information", "Verify email", "Personal information", and "Account notice". The "Account information" step is currently active, showing fields for "Email" and "Password". The "Email" field is highlighted with a red border. To the right of the form, there is a promotional banner that says "Get started with a USD 200 credit" and "Build your journey to public cloud".

## Step 2: Login to IBM Cloud Account

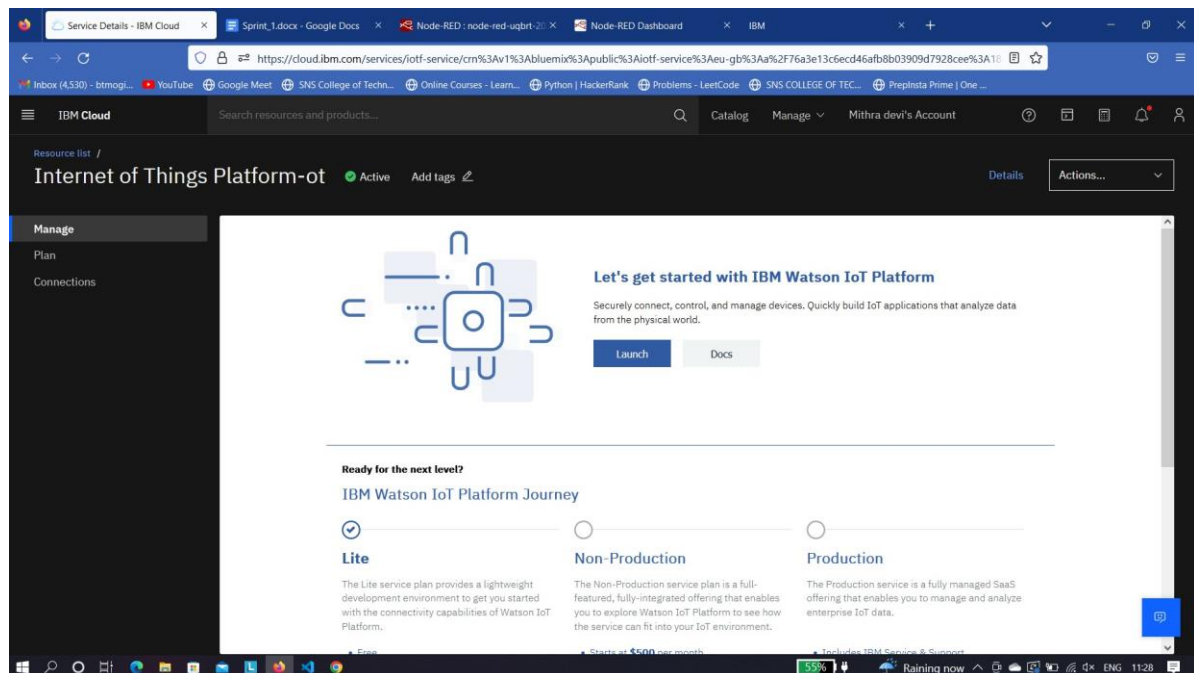


The screenshot shows the IBM Cloud login page. The main heading is "Log in to IBM Cloud". Below it, there is a link "Don't have an account? Create an account". The login form is divided into two sections: "Sign in with" and "Continue". The "Sign in with" section has a dropdown menu set to "IBMid" and a text input field containing "pawanipadpro@gmail.com". The "Continue" button is highlighted in blue. Below the login form, there is a link "Forgot ID?" and a checkbox "Remember ID". At the bottom of the page, there is a copyright notice "© Copyright IBM Corp. 2014, 2022. All rights reserved." and a "Cookie Preferences" link.

## 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

pawanipadpro@gmail.com  
ID: lsp8gy

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
>	<input type="checkbox"/> 12345	Disconnected	NodeMCU	Device	Oct 20, 2022 2:24 PM	

Items per page 50 | 1-1 of 1 item

1 of 1 page

## 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

pawanipadpro@gmail.com  
ID: lsp8gy

Browse Action Device Types Interfaces

Add Device +

Search by Device ID

Device Simulator

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
>	<input type="checkbox"/> 12345	Disconnected	NodeMCU	Device	Oct 20, 2022 2:24 PM	
▼	<input checked="" type="checkbox"/> 12345	Disconnected	Rasp	Device	Nov 12, 2022 9:02 PM	→ ...

Identity Device Information Recent Events State Logs

Device ID 12345

Device Type Rasp

Date Added Nov 12, 2022 9:02 PM

Added By pawanipadpro@gmail.com

Connection Status Disconnected

Items per page 50 | 1-2 of 2 items

1 of 1 page

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

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The left sidebar contains icons for various platform functions. The main content area is divided into two sections: 'Simulations' and 'Device Information'.

**Simulations Section:**

- Header: 'Simulations' with a dropdown for 'Import/Export simulation'.
- Status: '1/50 Simulations Running'.
- Buttons: '+ New Simulation'.
- Device Type: 'Rasp'.
- Event Count: '1 Event'.
- Device ID: '12345'.
- Buttons: 'Create Simulated Device' and 'Use Registered Device'.

**Device Information Section:**

Device ID	Status	Device Type	Class ID	Date
12345	Disconnected	NodeMCU	Device	Oct 2
12345	Disconnected	Rasp	Device	Nov 1

**Device Details (for ID 12345):**

Identity	Device Information	Recent Events	State	Logs
Device ID	12345			
Device Type	Rasp			
Date Added	Nov 12, 2022 9:02 PM			
Added By	pawanspadpro@gmail.com			
Connection Status	Disconnected			

Items per page: 50 | 1-2 of 2 Items

49 events sent | 2.09 KB sent