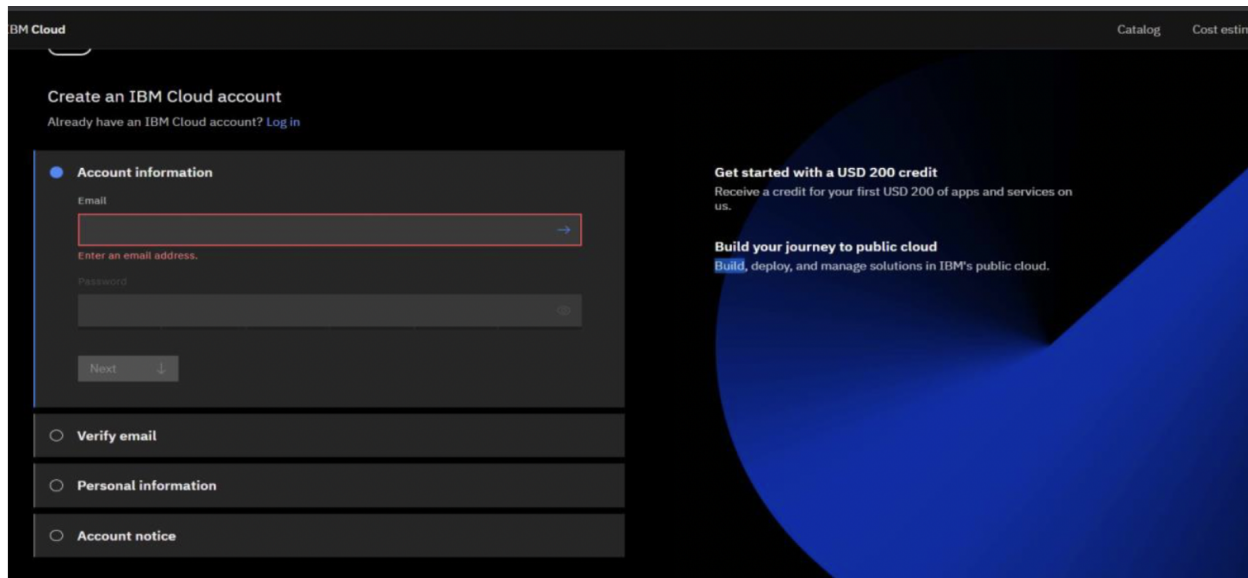


Delivery of Sprint - 1

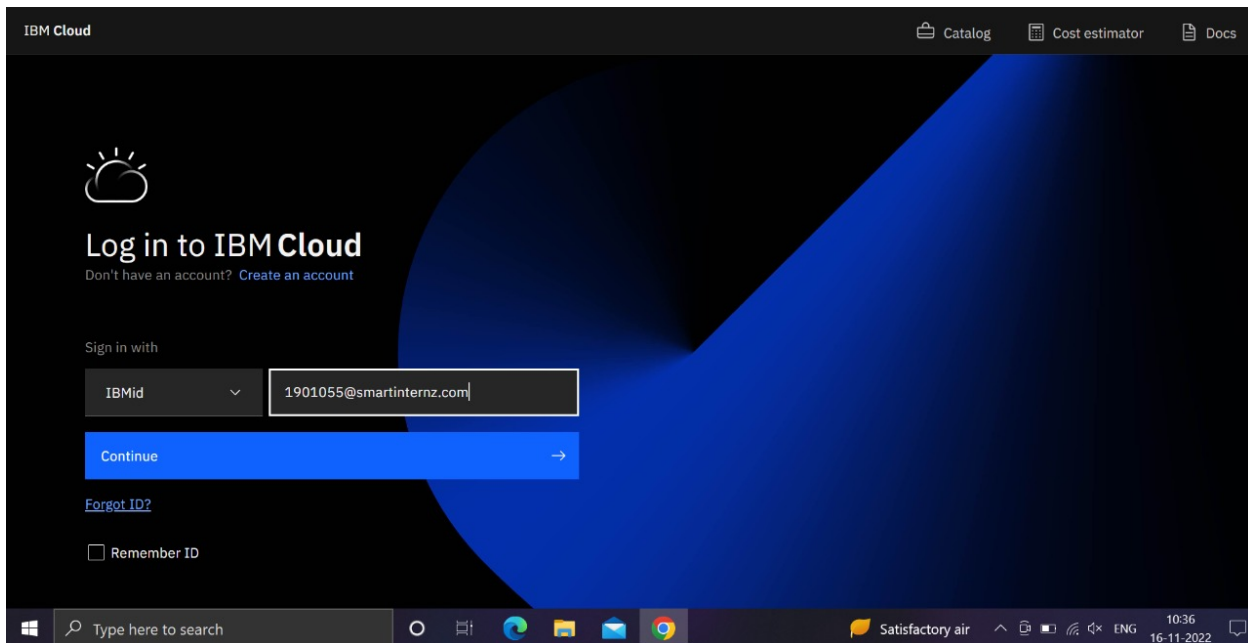
Team ID	PNT2022TMID05622
Project Name	Smart Waste Management for Metropolitan Cities

Step 1: To Create IBM Cloud.



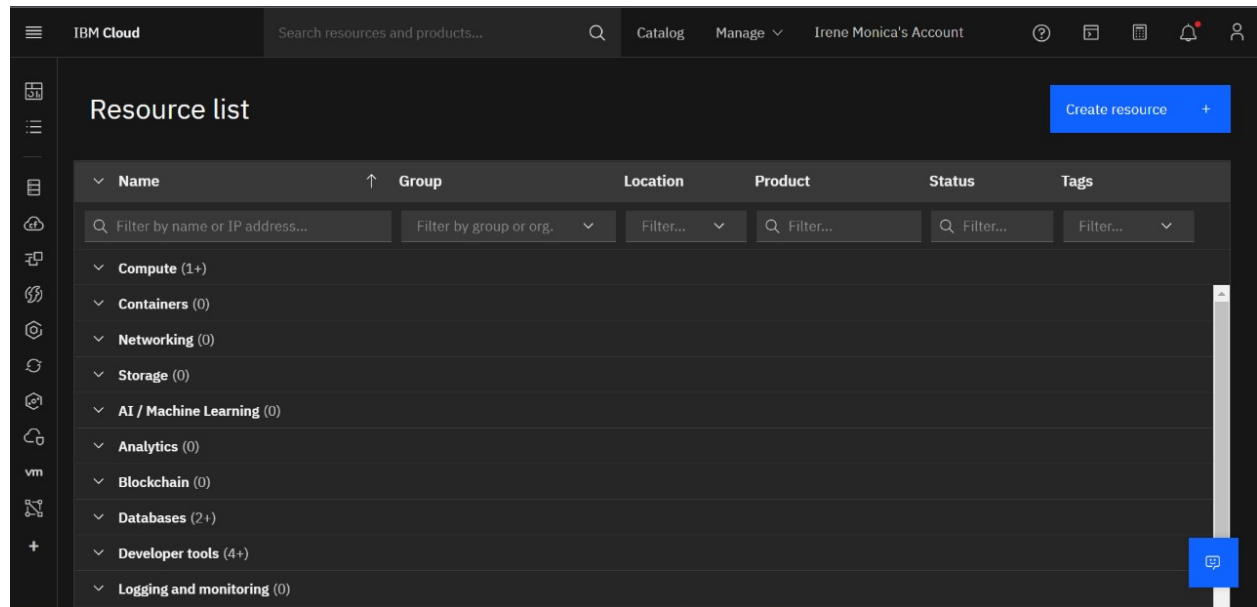
The screenshot shows the IBM Cloud account creation interface. At the top, it says "Create an IBM Cloud account" with a link "Already have an IBM Cloud account? Log in". The main form is titled "Account information" and includes fields for "Email" and "Password". Below the password field is a "Next" button. 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" with a link "Build, deploy, and manage solutions in IBM's public cloud.".

Step 2: Log in to your IBM Cloud Account.

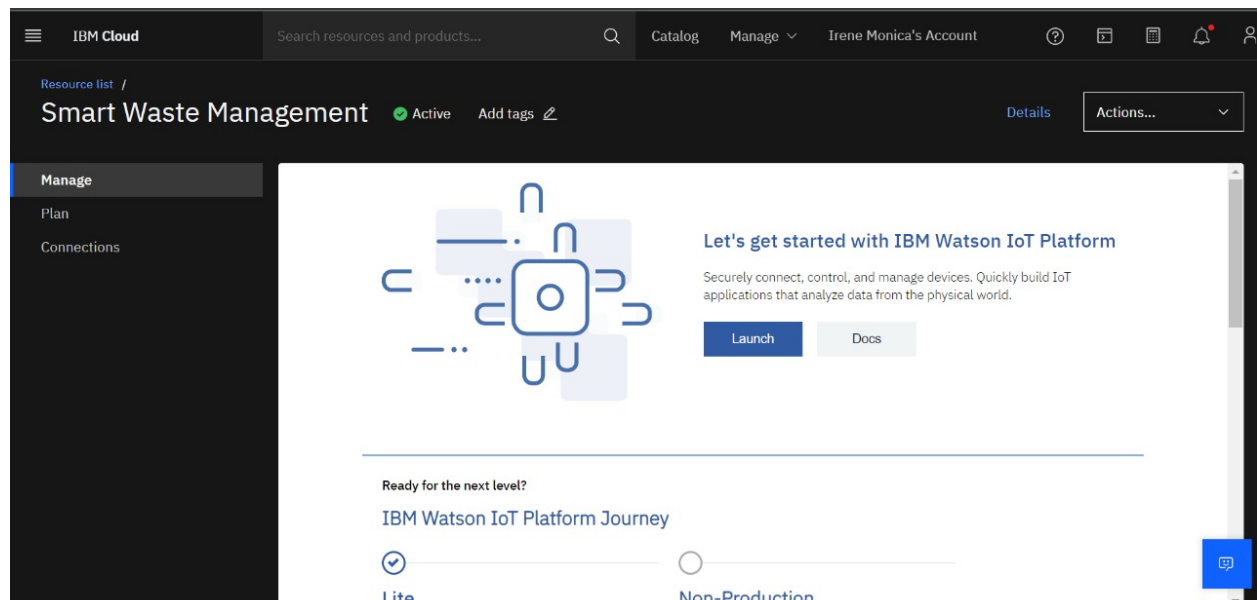


The screenshot shows the IBM Cloud login page. At the top, it says "Log in to IBM Cloud" with a link "Don't have an account? Create an account". Below this, there is a "Sign in with" section. The "Sign in with" dropdown menu is set to "IBMID". The text input field contains the email address "1901055@smartinternz.com". Below the input field is a blue "Continue" button. At the bottom left, there is a link "Forgot ID?" and a checkbox labeled "Remember ID". The top right of the page has links for "Catalog", "Cost estimator", and "Docs". The bottom of the page shows a Windows taskbar with the search bar, task view button, and several application icons.

Step 3: Using IBM CLOUD services for the Project.



Step 4: Configure the IBM Watson IoT platform.



Step 5: IBM Watson IoT platform is created.

IBM Watson IoT Platform

1901055@smartinternz.com
ID: t6u9c4

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
>	12345	Disconnected	Node-Red	Device	Nov 14, 2022 9:54 AM

Items per page 50 | 1-1 of 1 item

1 of 1 page

Step 6: Connect the IoT device to the IBM cloud, create a device in the IBM Watson IOT Platform and get the device credentials.

IBM Watson IoT Platform

1901055@smartinternz.com
ID: t6u9c4

Browse Action Device Types Interfaces

Add Device +

Device ID	Status	Device Type	Class ID	Date Added
12345	Disconnected	Node-Red	Device	Nov 14, 2022 9:54 AM

Items per page 50 | 1-1 of 1 item

1 of 1 page

Device Information

Device ID	12345
Device Type	Node-Red
Date Added	Nov 14, 2022 9:54 AM
Added By	1901055@smartinternz.com
Connection Status	Disconnected

Step 7: Connect the device with the IoT device and start simulating.

The screenshot displays the IBM Watson IoT Platform interface. The main page is titled 'Browse Devices' and features a sidebar with navigation icons. A table lists devices, with one device having ID '12345' and status 'Disconnected'. A 'Simulations' modal window is open, showing '1/50 Simulations Running' and a '+ New Simulation' button. The modal also displays a list of devices, including '12345', and buttons for 'Create Simulated Device' and 'Use Registered Device'.

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered by various criteria. To get started, you can add devices by using the Add Device button, or by importing a CSV file.

Search by Device ID

<input type="checkbox"/>	Device ID	Status	Device Type
> <input type="checkbox"/>	12345	Disconnected	Node-Red

Items per page 50 | 1-1 of 1 item

1 of 1 page

Simulations

Import/Export simulation

1/50 Simulations Running

+ New Simulation

Device Type Node-Red

Configure Event

1 Device

12345

1 x Create Simulated Device Use Registered Device

25°C Cloudy 10:50 16-11-2022