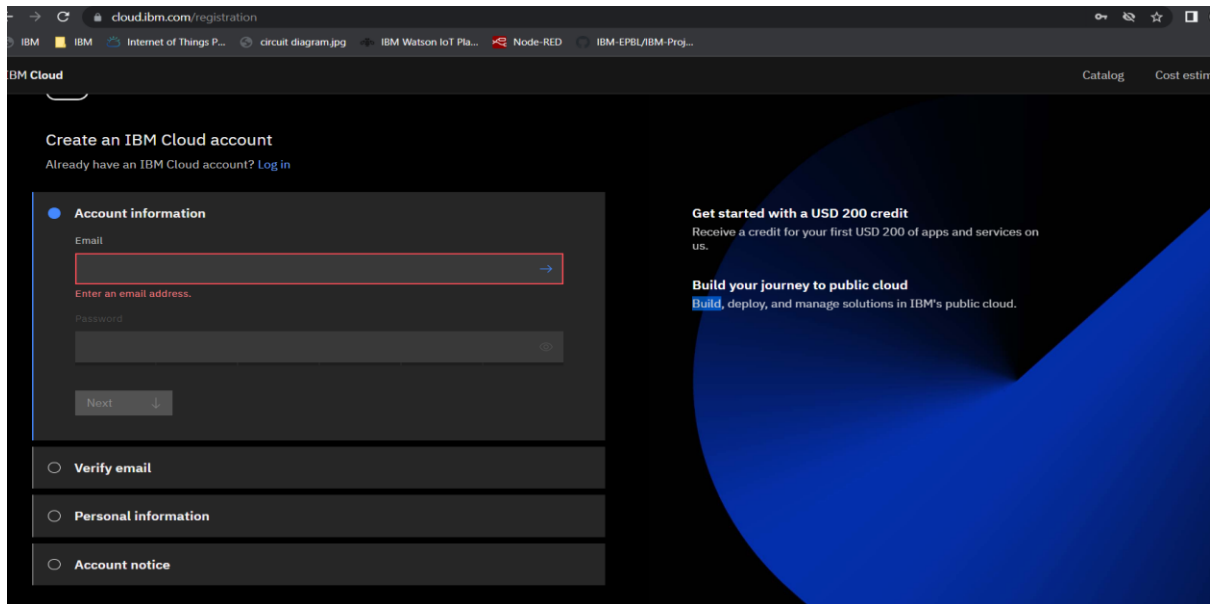


SPRINT – 1

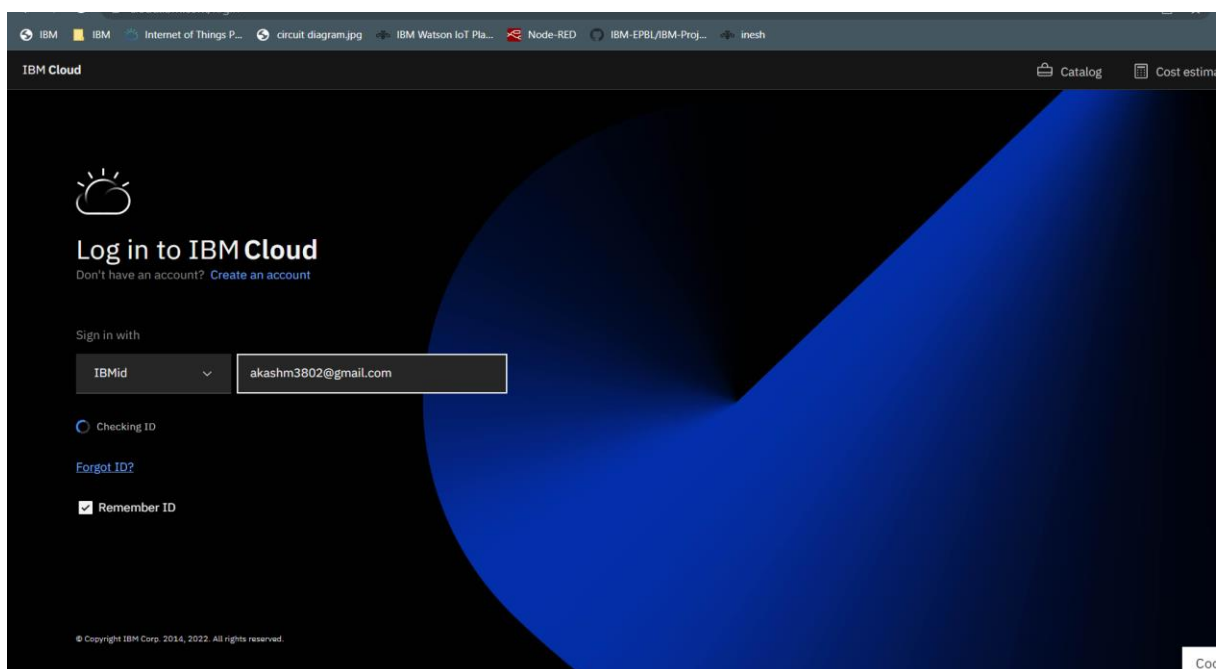
Date	30 October 2022
Team ID	PNT2022TMID00928
Project Name	Smart waste management system for metropolitan cities
Story points	20

Step-1: To Create IBM Cloud



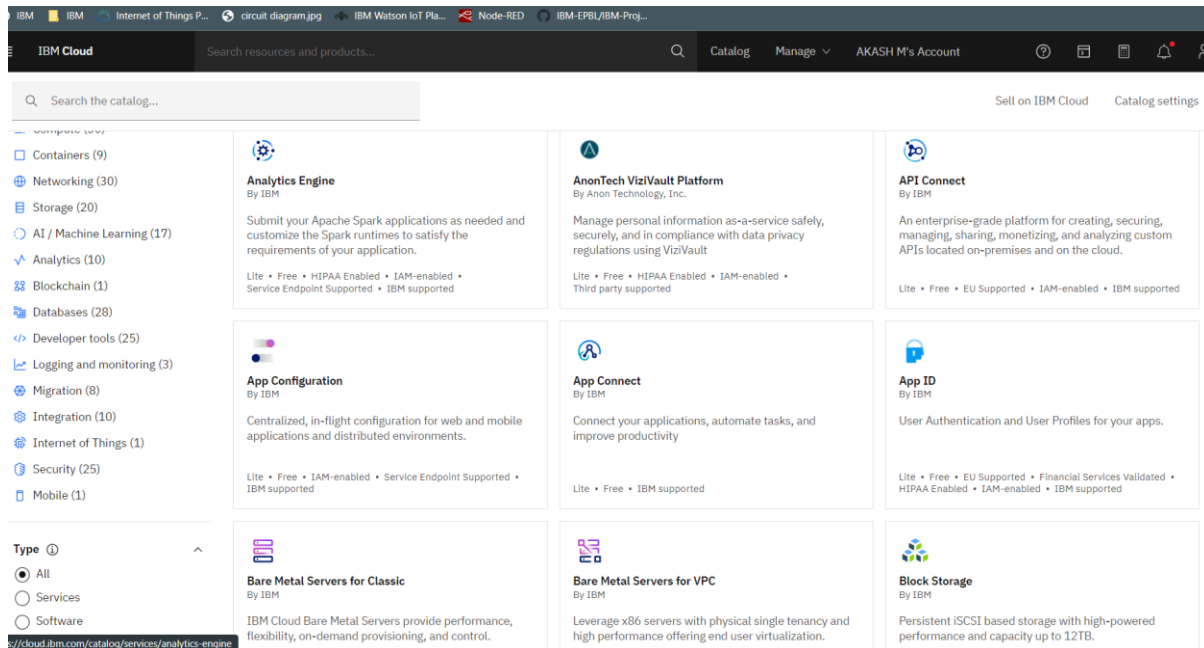
The screenshot shows the IBM Cloud registration page. The browser address bar displays 'cloud.ibm.com/registration'. The page title is 'Create an IBM Cloud account'. Below the title, there is a link 'Already have an IBM Cloud account? Log in'. The main form is titled 'Account information' and contains 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 'Enter a password.' below it. A 'Next' button is located below the password field. To the right of the form, there is a section titled 'Get started with a USD 200 credit' and another section titled 'Build your journey to public cloud' with a link 'Build, deploy, and manage solutions in IBM's public cloud.'.

Step-2 : Login to IBM Cloud Account

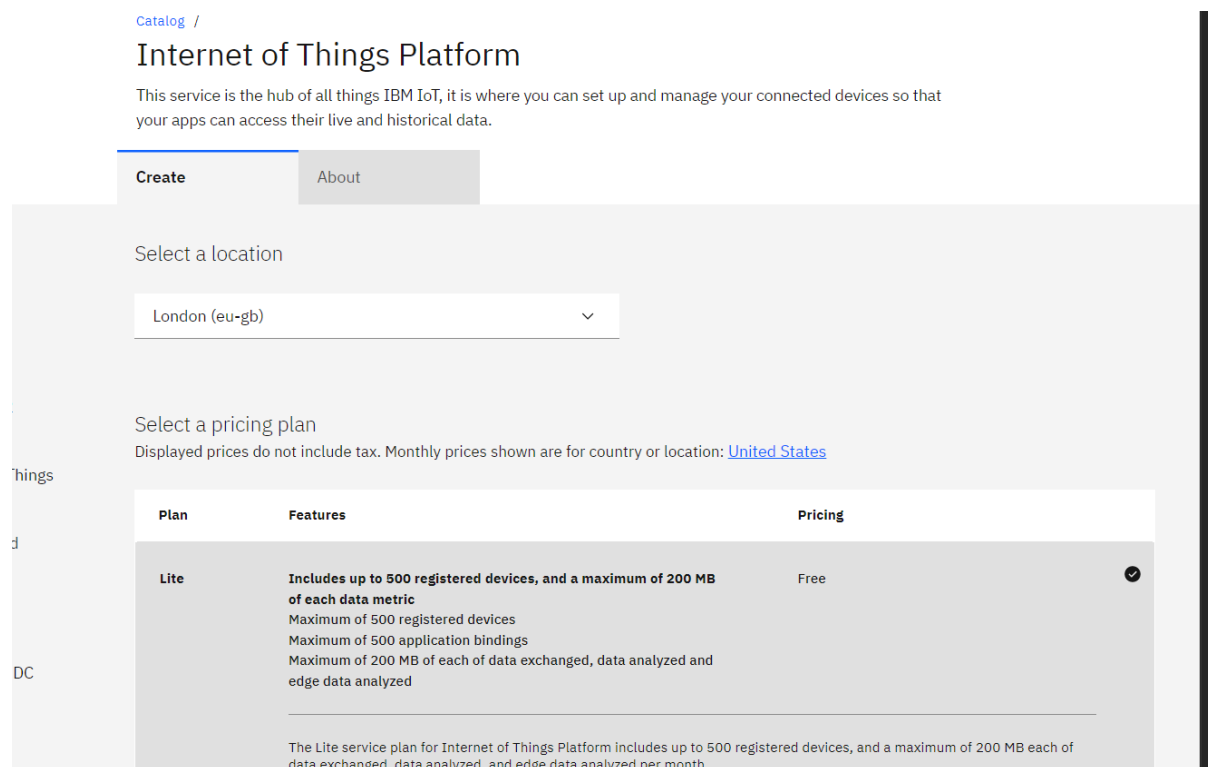


The screenshot shows the IBM Cloud login page. The browser address bar displays 'cloud.ibm.com/login'. The page title is 'Log in to IBM Cloud'. Below the title, there is a link 'Don't have an account? Create an account'. The main form is titled 'Sign in with' and contains a dropdown menu with 'IBMid' selected and a text input field with the email 'akashm3802@gmail.com'. Below the form, there is a 'Checking ID' status indicator, a link 'Forgot ID?', and a checkbox 'Remember ID' which is checked. The footer of the page displays '© Copyright IBM Corp. 2014, 2022. All rights reserved.'

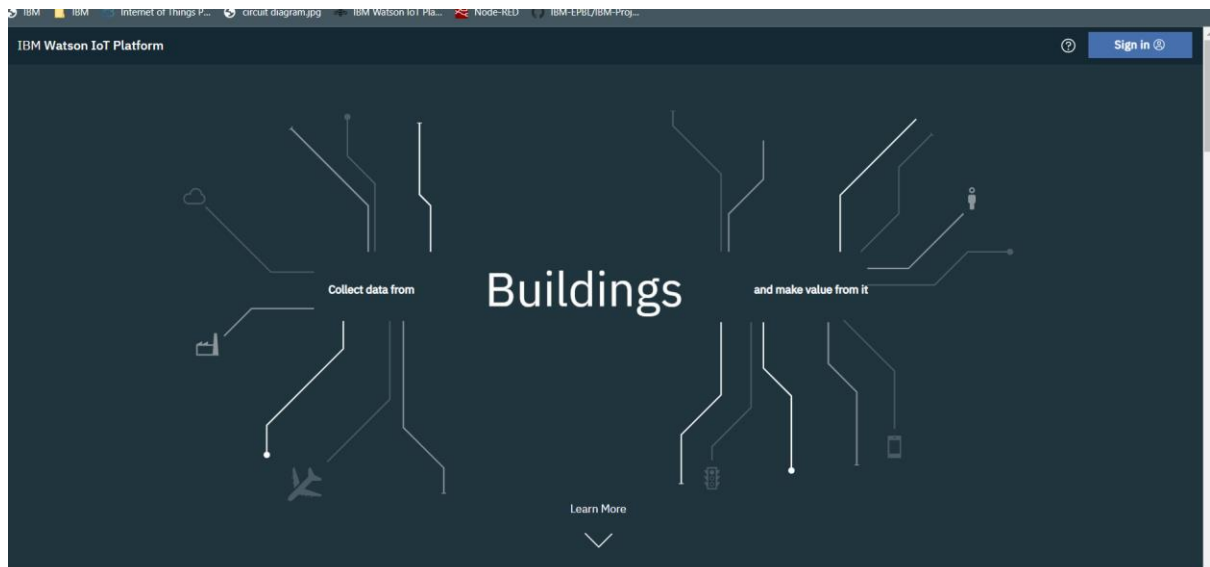
Step-3: Using IBM CLOUD services for the Project



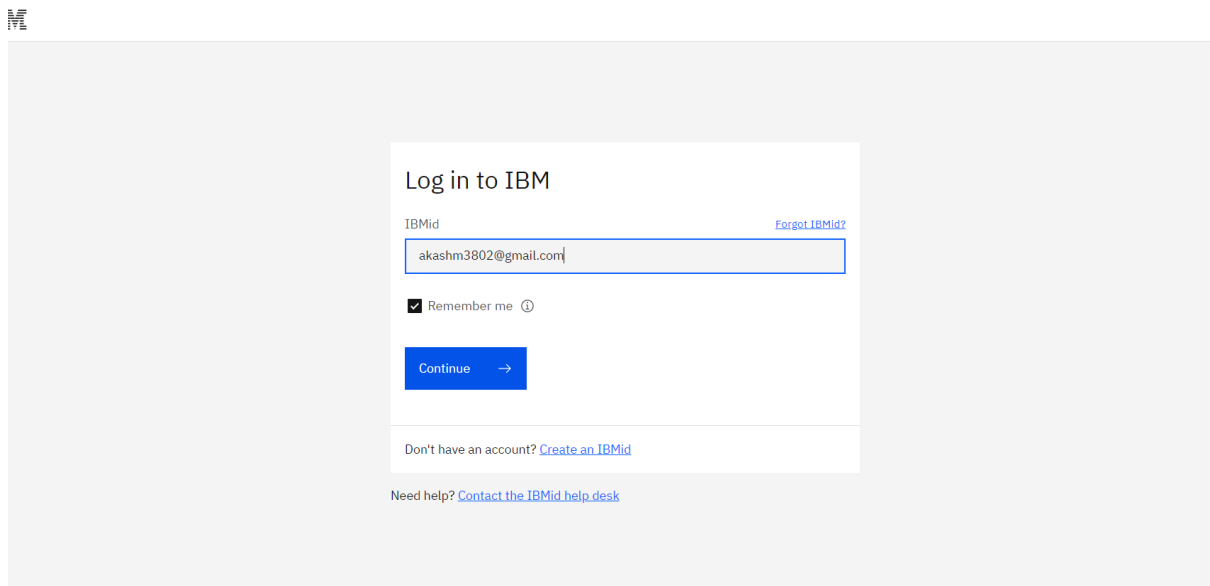
Step – 4 : configure IBM Watson IOT platform



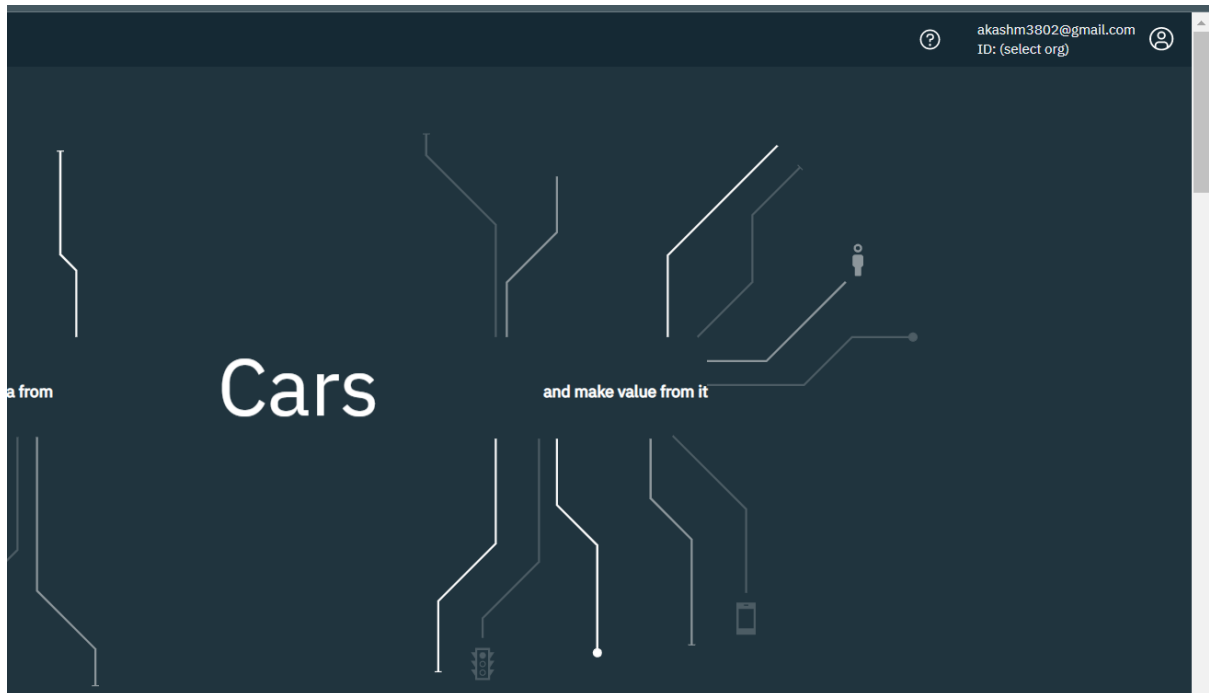
Step – 5 : IBM Watson IOT platform is created



Step – 6 : Sign in to IBM Watson IOT platform



Step – 7 : Open IBM Watson IOT platform



Step – 8 : Add the team members to access the devices.

IBM Watson IoT Platform

akashm3802@gmail.com
ID: fzv53v

Browse

+ Add Members

Browse Members

Type the member email to search for

This table shows a summary of the members of the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add members by clicking Add Members, or by using the API. For more information about members, see [Managing user access](#).

<input type="checkbox"/>	Email Address ↕	Name ↕	Role ↕	Added By ↕	Expires ↕	
4 results						
<input type="checkbox"/>	akashm3802@gmail.com	akashm3802@gmail.com	Administrator	-	-	
<input type="checkbox"/>	buvaneshmahe19@gmail.com	Buvanesh M	Reader	akashm3802@gmail.com	-	<input checked="" type="checkbox"/>
<input type="checkbox"/>	harimuruges123@gmail.com	Hariharan M	Reader	akashm3802@gmail.com	-	<input checked="" type="checkbox"/>
<input type="checkbox"/>	mdineshmurugan7@gmail.com	Dinesh M	Reader	akashm3802@gmail.com	-	<input checked="" type="checkbox"/>

0 Simulations running

Step – 9 : 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

akashm3802@gmail.com
ID: fzy53v

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, 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
Bin_1	Disconnected	Bin	Device	Nov 10, 2022 6:50 PM	
ESP32_iot	Disconnected	ESP32	Device	Nov 8, 2022 7:26 PM	
weather_today	Disconnected	weather_device	Device	Nov 8, 2022 12:20 PM	
weatheribm	Disconnected	weather2	Device	Nov 9, 2022 9:01 PM	

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

Simulations

Import/Export simulation

1/50 Simulations Running

+ New Simulation

Device Type weather_device

1 Event

1 Device

weather_today

1 x Create Simulated Device Use Registered Device

11 events sent 405 bytes sent

Recent Events

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

Event	Value	Format	Last Received
event_1	{"Temperature":5,"Humidity":81}	json	a few seconds ago
event_1	{"Temperature":68,"Humidity":31}	json	a few seconds ago
event_1	{"Temperature":52,"Humidity":63}	json	a few seconds ago
event_1	{"Temperature":48,"Humidity":99}	json	a few seconds ago
event_1	{"Temperature":32,"Humidity":61}	json	a few seconds ago