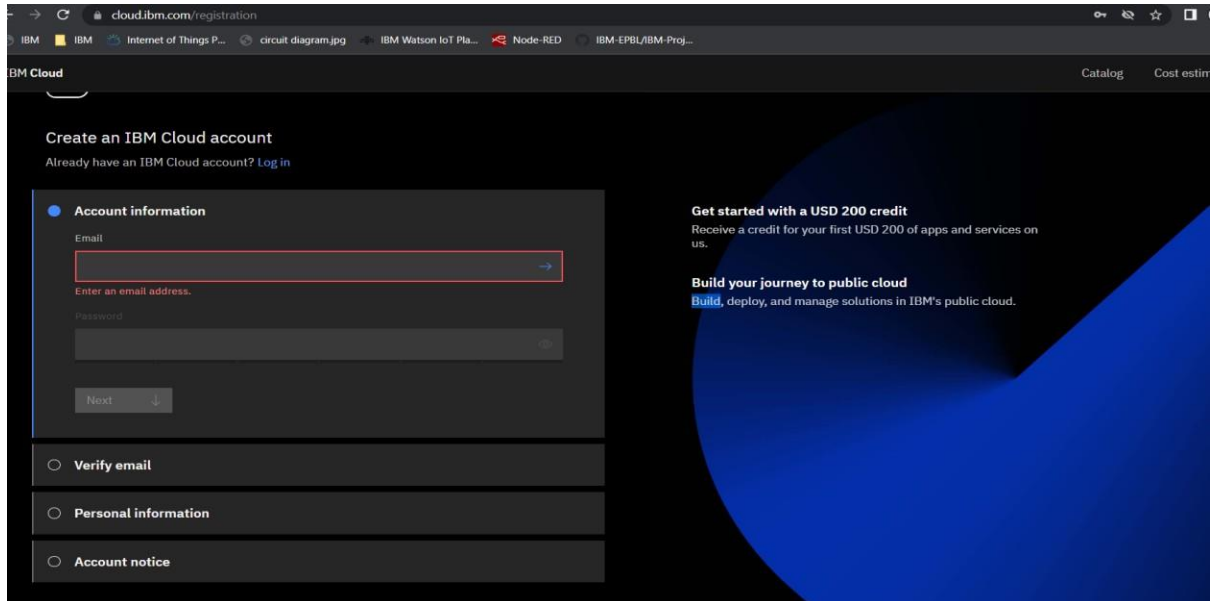


SPRINT – 1

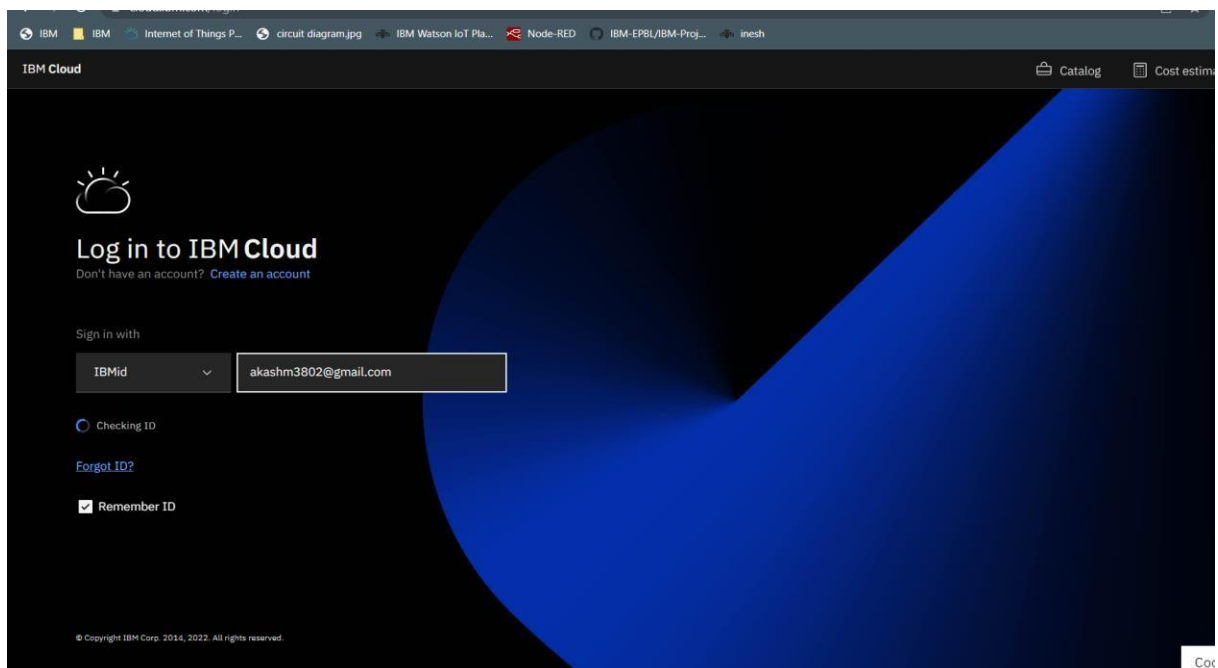
Date	14 november
Team ID	PNT2022TMID35105
Project Name	Smart waste management system for metropolitan cities
Story points	20

Step-1: To Create IBM Cloud



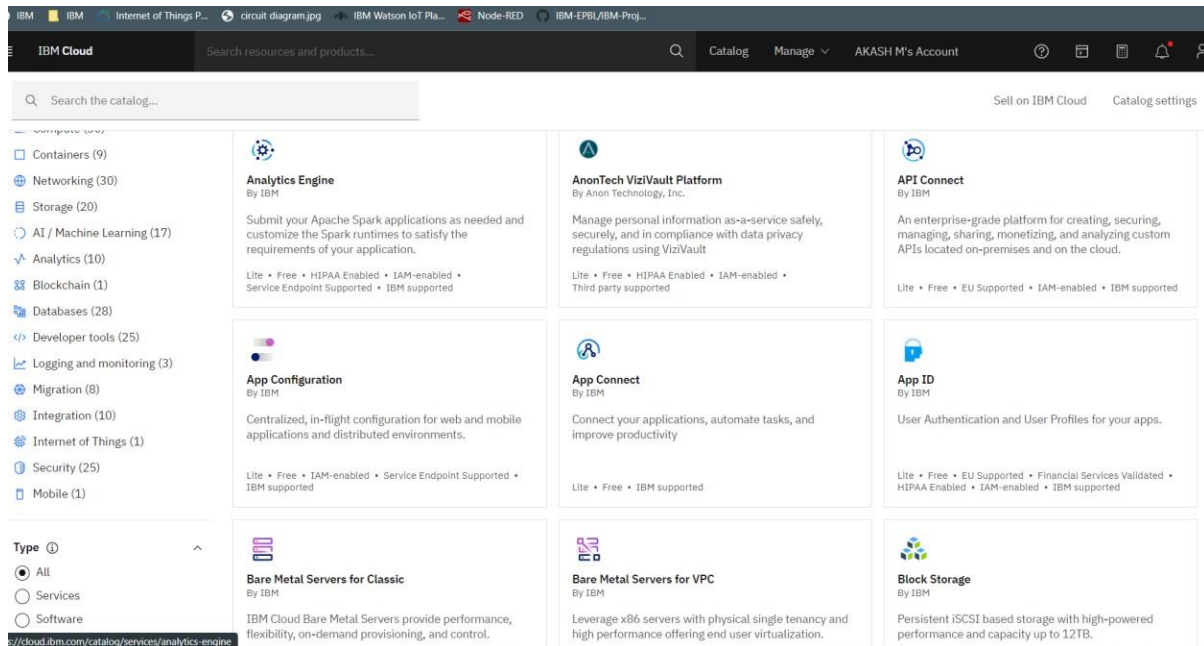
The screenshot shows the IBM Cloud registration page. The main heading is "Create an IBM Cloud account". Below it, there is a link "Already have an IBM Cloud account? Log in". The registration form is divided into three sections: "Account information", "Verify email", and "Personal information". The "Account information" section is active 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 "Password must be at least 8 characters long." below it. A "Next" button is at the bottom of the form. To the right of the form, there is a promotional banner for a "USD 200 credit" and a link to "Build your journey to public cloud".

Step-2 : Login to IBM Cloud Account

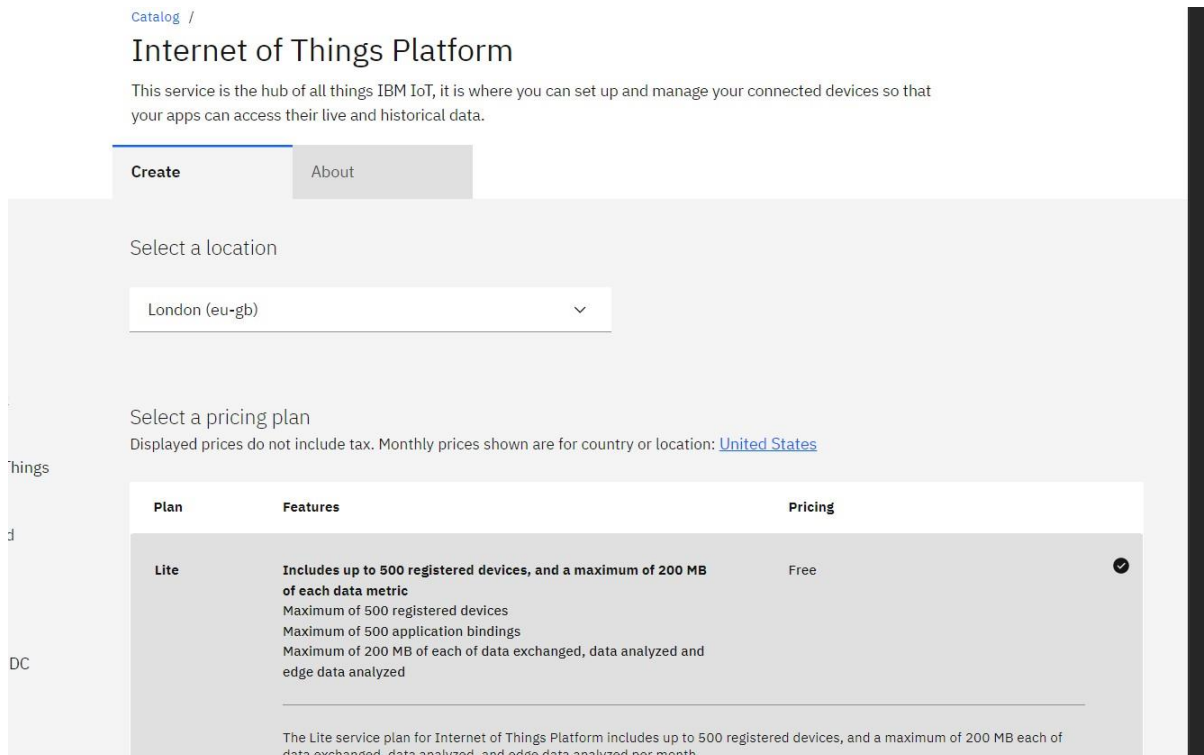


The screenshot shows the IBM Cloud login page. The main heading is "Log in to IBM Cloud". Below it, there is a link "Don't have an account? Create an account". The login form is divided into two sections: "Sign in with" and "Checking ID". The "Sign in with" section has a dropdown menu for "IBMid" and a text input field for the email address "akashm3802@gmail.com". The "Checking ID" section has a "Checking ID" status indicator, a "Forgot ID?" link, and a "Remember ID" checkbox. The page footer contains the copyright notice "© Copyright IBM Corp. 2014, 2022. All rights reserved." and a "Catalog" link.

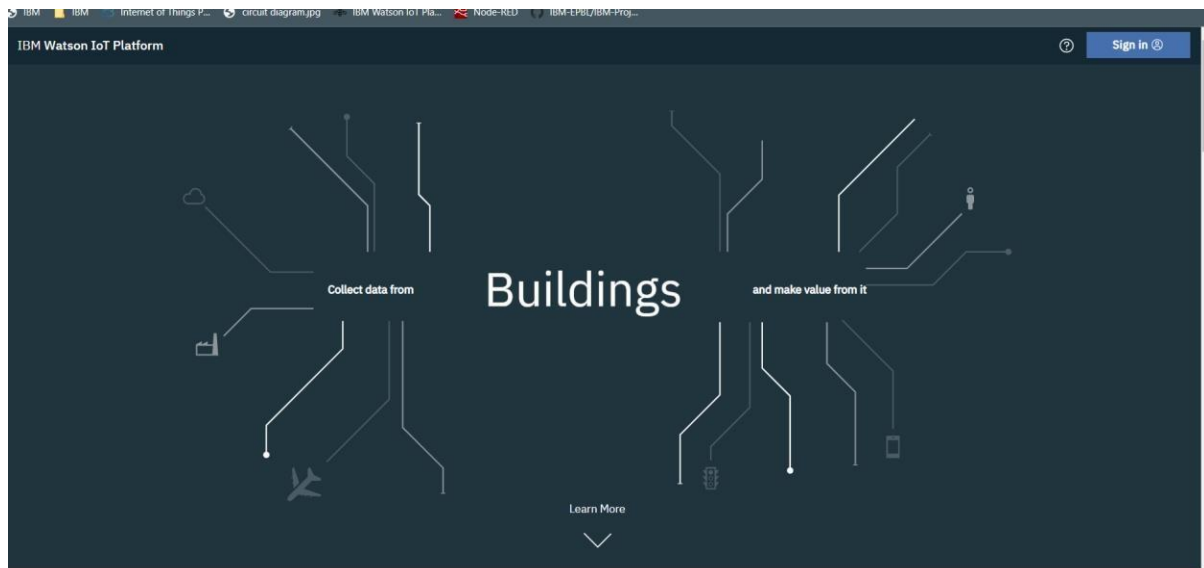
Step-3: Using IBM CLOUD services for the Project



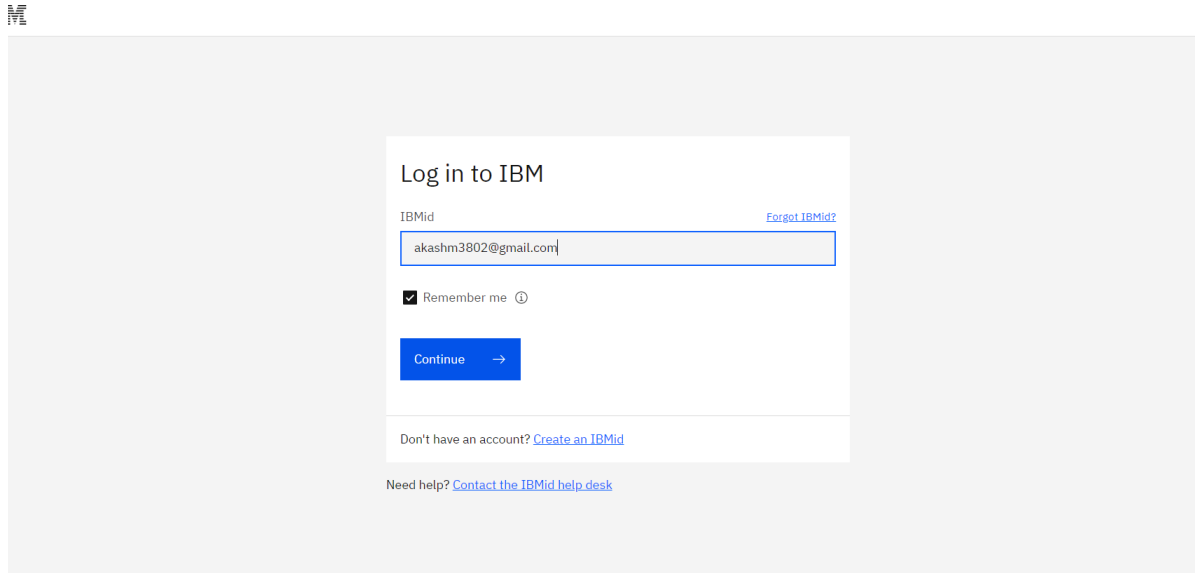
Step – 4 : configure IBM Watson IOT platform



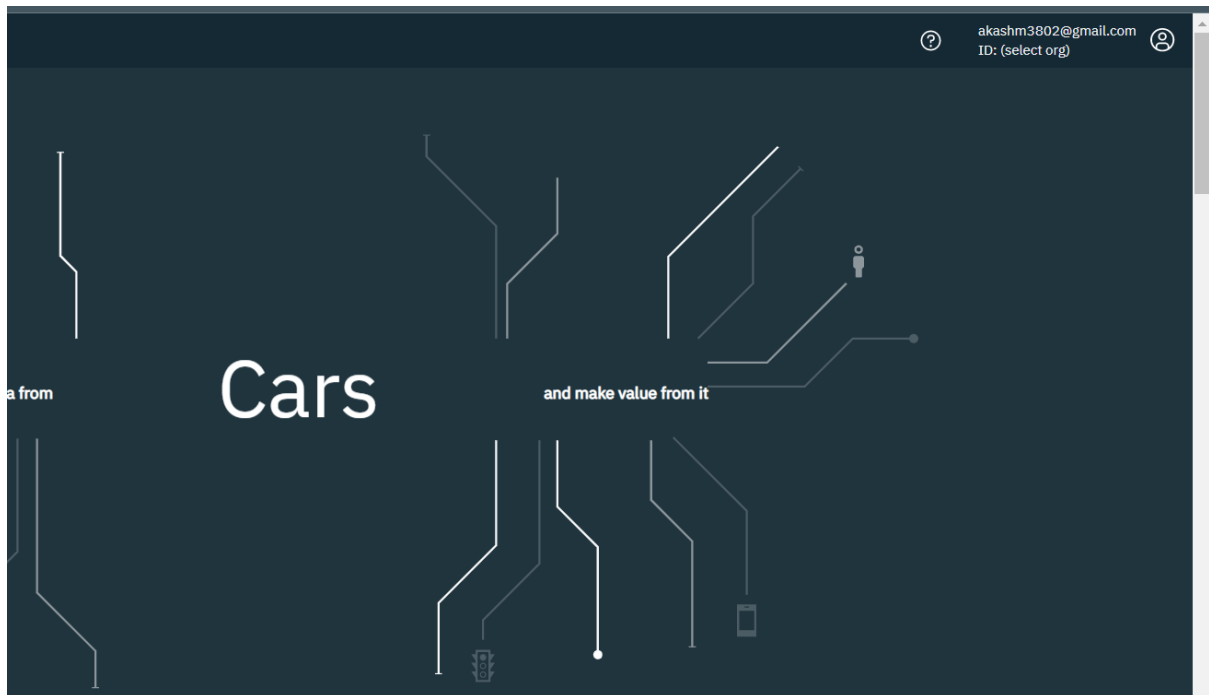
Step – 5 : IBM Watson IOT platform is created



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

akasm3802@gmail.com
ID: lzv53v

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 Simulation results

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 ☒

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
> <input type="checkbox"/>	Bin_1	Disconnected	Bin	Device	Nov 10, 2022 6:50 PM	
> <input type="checkbox"/>	ESP32_iot	Disconnected	ESP32	Device	Nov 8, 2022 7:26 PM	
> <input type="checkbox"/>	weather_today	Disconnected	weather_device	Device	Nov 8, 2022 12:20 PM	
> <input type="checkbox"/>	weatheribm	Disconnected	weather2	Device	Nov 9, 2022 9:01 PM	

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

IBM Watson IoT Platform

akashm3802@gmail.com
ID: fzy53v

Browse Action Device Types Interfaces

ESP32_iot Disconnected ESP32 Device

weather_today Disconnected weather_device Device

Identity Device Information Recent Events State Logs

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

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