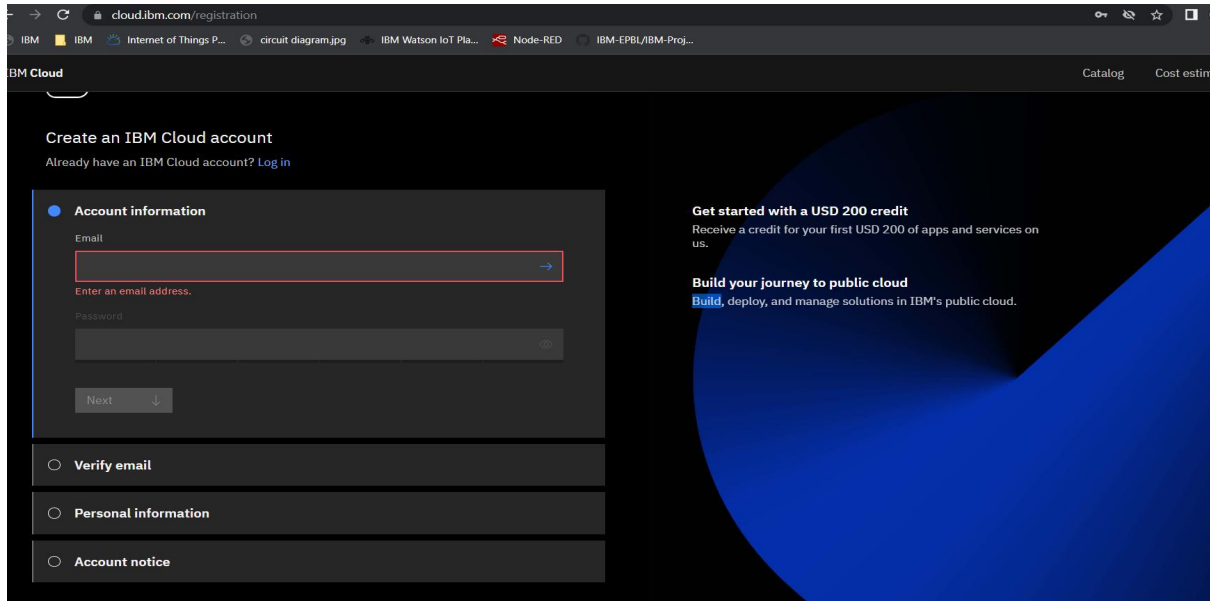


SPRINT – 1

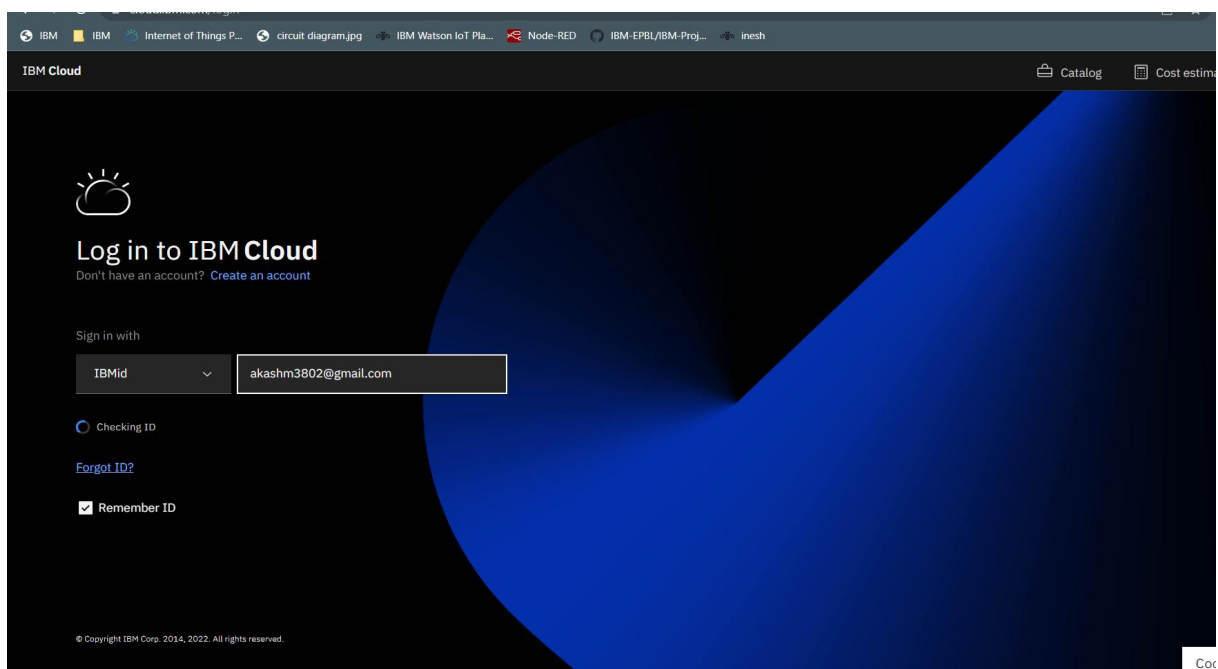
Date	30 October 2022
Team ID	PNT2022TMID21140
Project Name	Smart waste management system for metropolitan cities
Story points	20

Step-1: To Create IBM Cloud



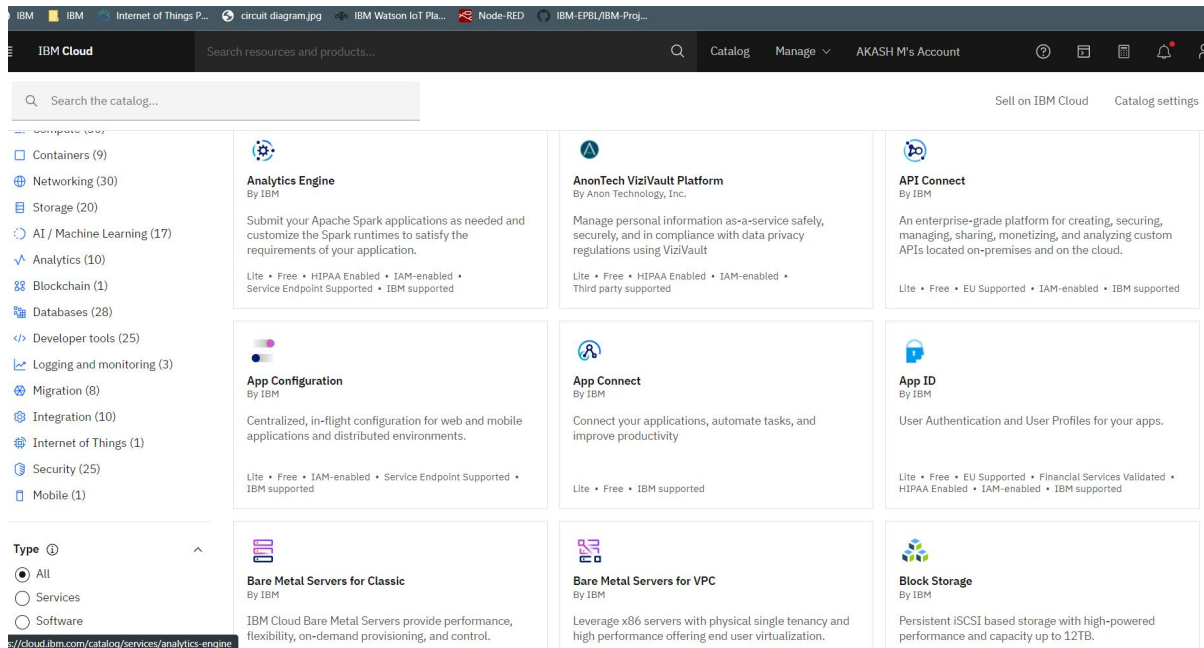
The screenshot shows the IBM Cloud registration page. The browser address bar displays 'cloud.ibm.com/registration'. The page title is 'Create an IBM Cloud account'. Below the title, there is a link 'Already have an IBM Cloud account? Log in'. The main form is titled 'Account information' and contains 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. There is a 'Next' button with a downward arrow. 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

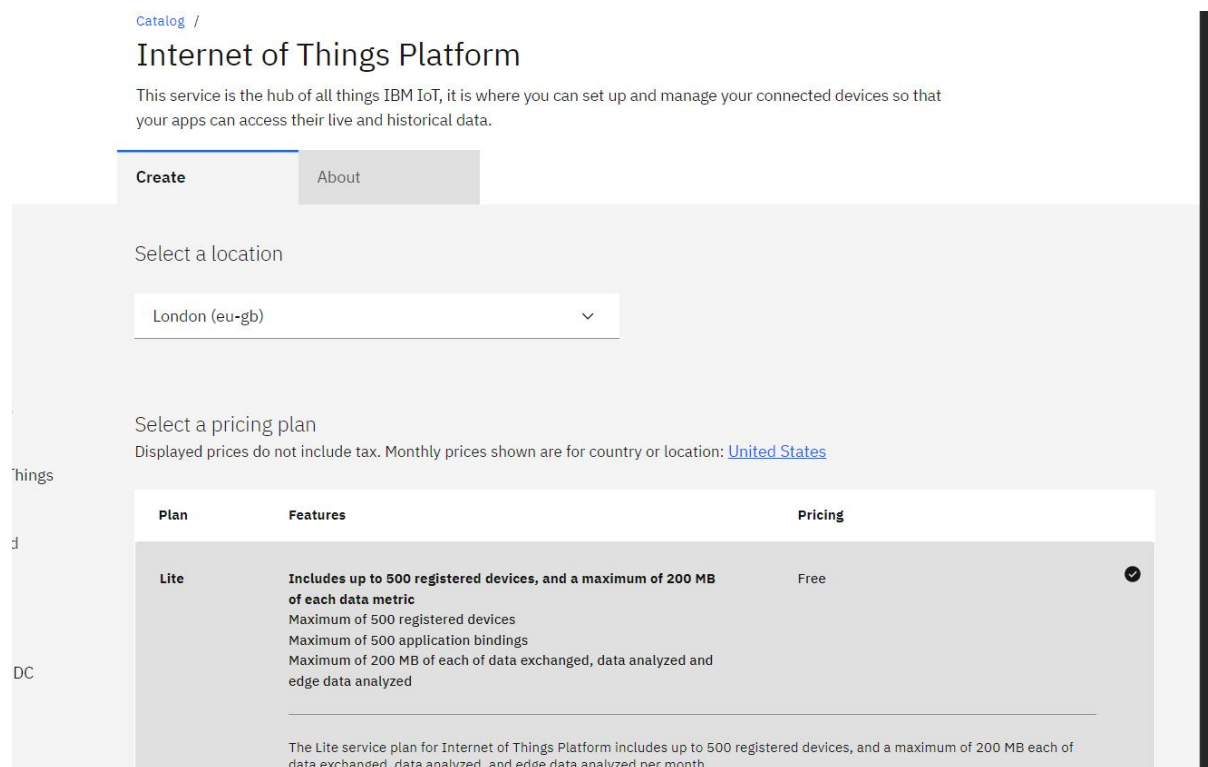


The screenshot shows the IBM Cloud login page. The browser address bar displays 'cloud.ibm.com/login'. The page title is 'Log in to IBM Cloud'. Below the title, there is a link 'Don't have an account? Create an account'. The main form is titled 'Sign in with' and contains a dropdown menu with 'IBMid' 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. At the bottom left, there is a copyright notice: '© Copyright IBM Corp. 2014, 2022. All rights reserved.'.

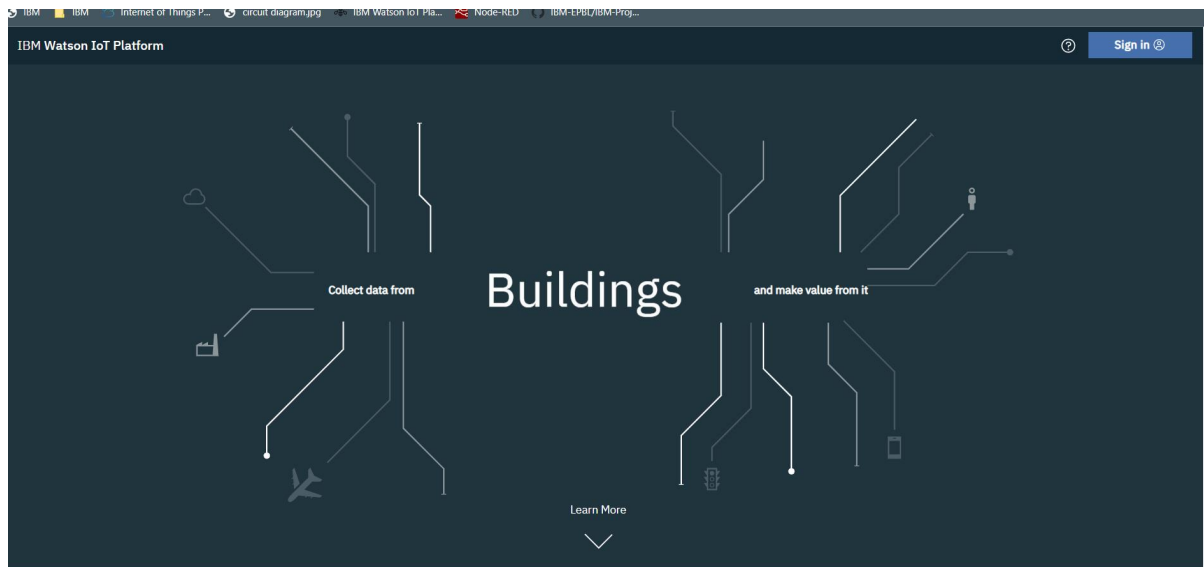
Step-3: Using IBM CLOUD services for the Project



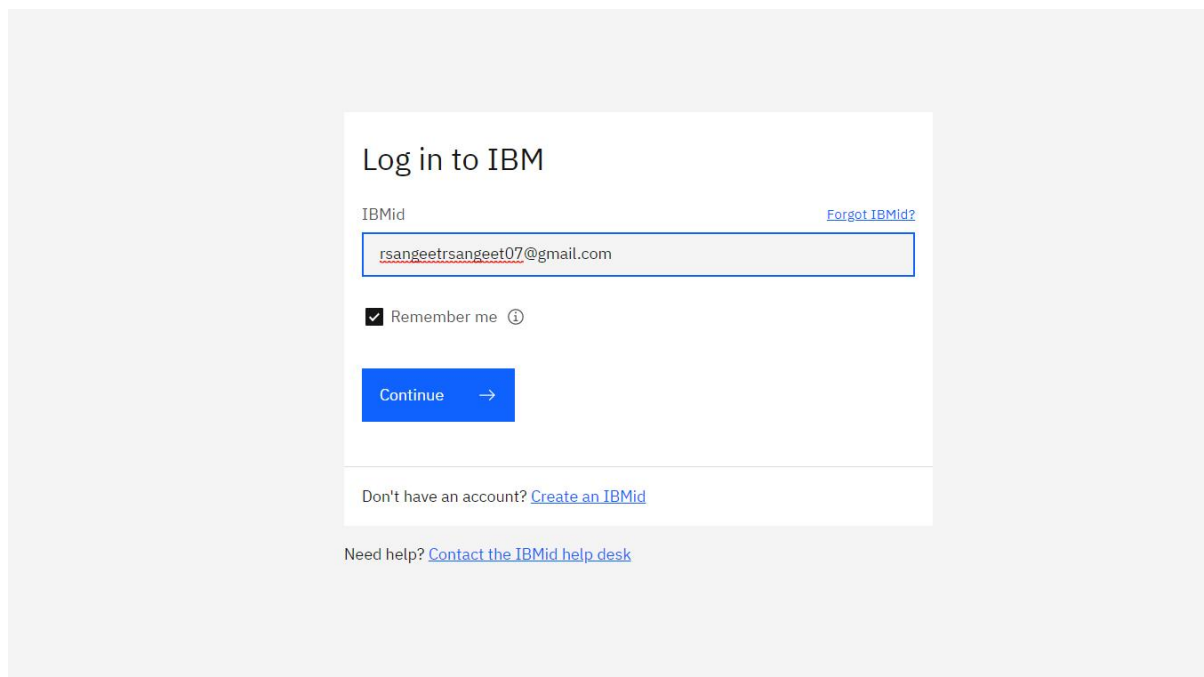
Step – 4 : configure IBM Watson IOT platform



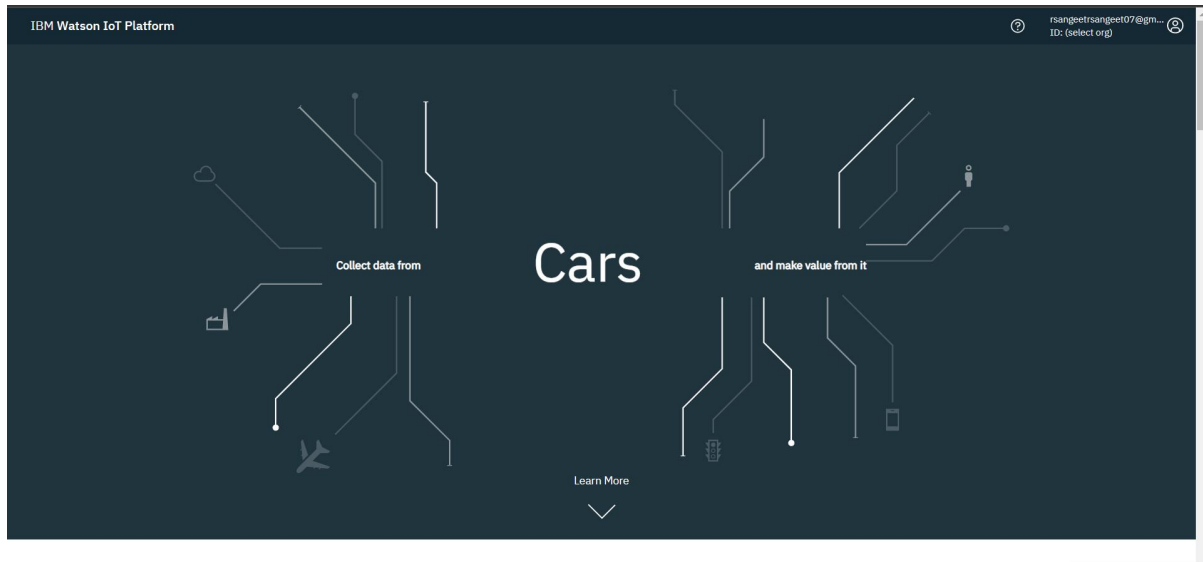
Step – 5 : IBM Watson IOT platform is created



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.

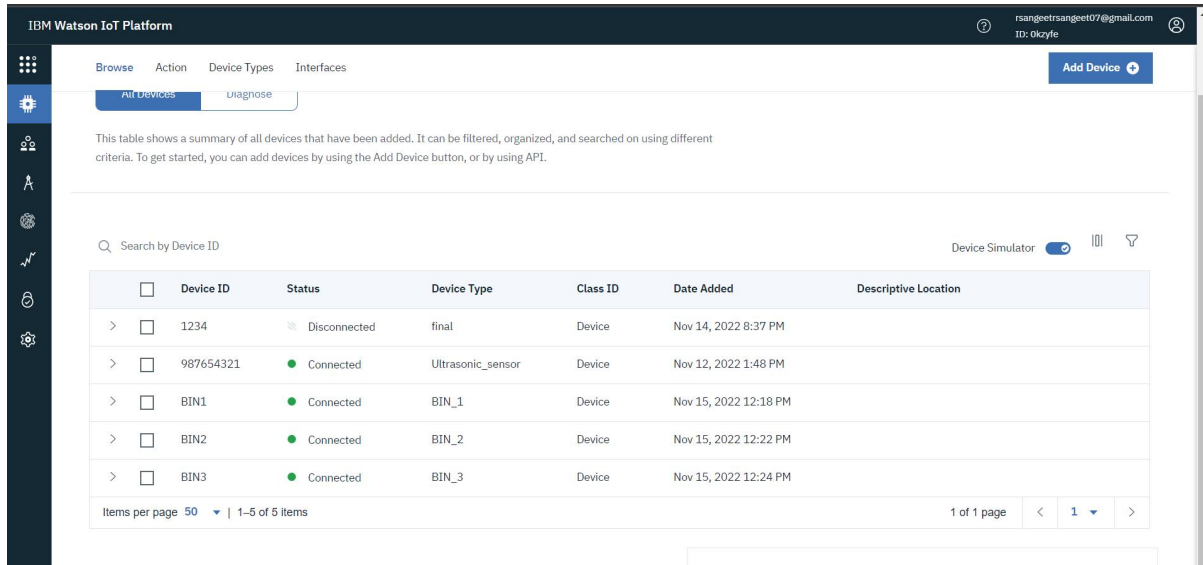
Browse Members

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](#).

Type the member email to search for

<input type="checkbox"/>	Email Address ↕	Name ↕	Role ↕	Added By ↕	Expires ↕		
4 results							
<input type="checkbox"/>	rsangeetrsangeet07@gmail.com	rsangeetrsangeet07@gmail....	Administrator	-	-		
<input type="checkbox"/>	abilash.291@gmail.com	Abilash S	Developer	rsangeetrsangeet07@gmail....	-		
<input type="checkbox"/>	gokulrajendran04@gmail.com	GokulNithi R	Developer	rsangeetrsangeet07@gmail....	-		
<input type="checkbox"/>	chandrusmart1218@gmail.com	Chandramavuli M	Developer	rsangeetrsangeet07@gmail....	-		

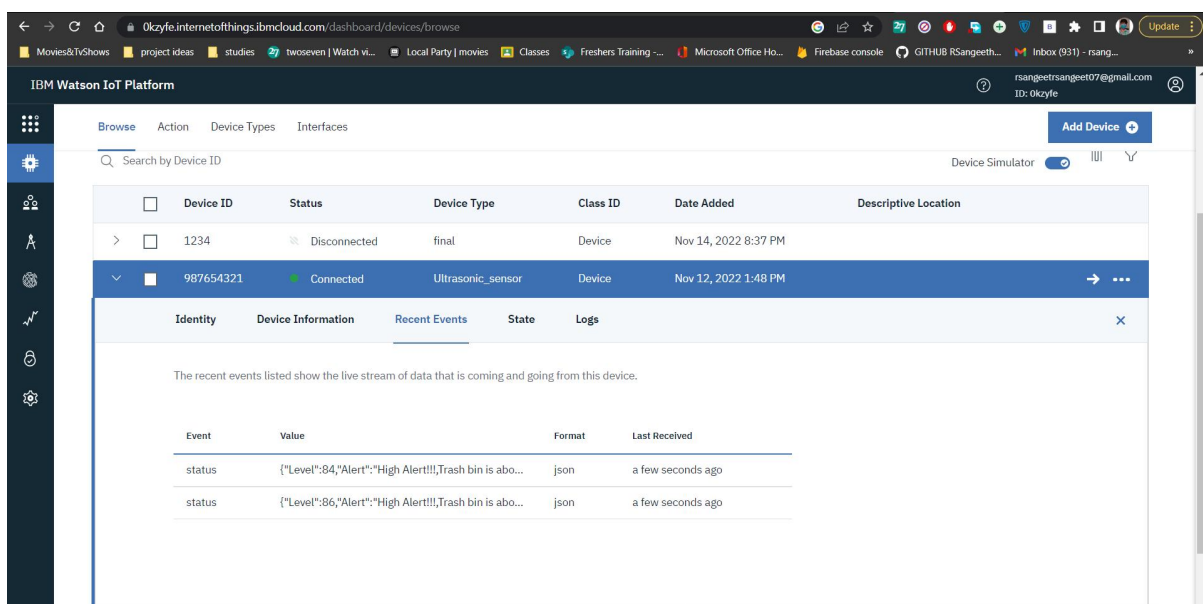
Step – 9 : to connect the IOT device to the IBM cloud , create device in the IBM Watson IoT Platform and get the device credentials



The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area displays a table of devices with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table lists five devices, with the first one (ID 1234) being 'Disconnected' and the others being 'Connected'. A search bar and a 'Device Simulator' toggle are also visible.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
1234	Disconnected	final	Device	Nov 14, 2022 8:37 PM	
987654321	Connected	Ultrasonic_sensor	Device	Nov 12, 2022 1:48 PM	
BIN1	Connected	BIN_1	Device	Nov 15, 2022 12:18 PM	
BIN2	Connected	BIN_2	Device	Nov 15, 2022 12:22 PM	
BIN3	Connected	BIN_3	Device	Nov 15, 2022 12:24 PM	

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



The screenshot shows the IBM Watson IoT Platform dashboard with the details of a specific device (ID 987654321) selected. The device is 'Connected' and its type is 'Ultrasonic_sensor'. The 'Recent Events' tab is active, showing a live stream of data. The table below lists the recent events with columns: Event, Value, Format, and Last Received.

Event	Value	Format	Last Received
status	{\"Level\":84,\"Alert\":\"High Alert!!!,Trash bin is abo...	json	a few seconds ago
status	{\"Level\":86,\"Alert\":\"High Alert!!!,Trash bin is abo...	json	a few seconds ago