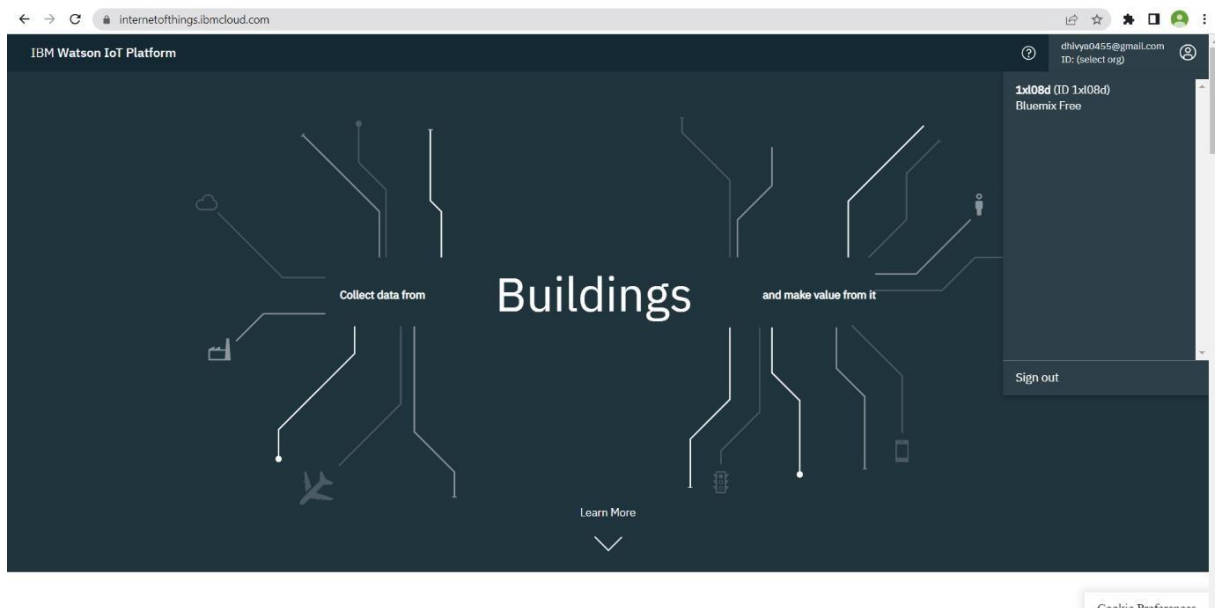


Create And Configure IBM Cloud Services-

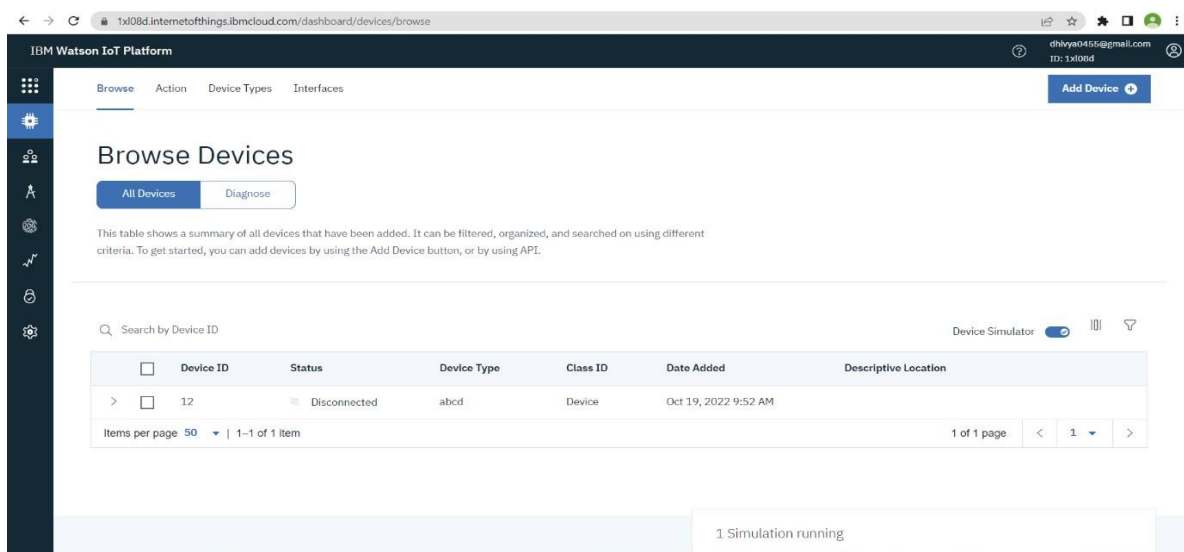
Create The IBM Watson IoT Platform And A Device

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Team ID	PNT2022TMID28706
Project Name	Project – Smart Farmer-IoT Enabled smart Farming Application

Open a IBM Watson IoT Platform



Creating a Device



The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is present with the text 'Search by Device ID'. The main content area displays a table of devices. The first device is highlighted with a blue header row containing 'Device ID', 'Status', 'Device Type', 'Class ID', 'Date Added', and 'Descriptive Location'. Below this, a detailed view for device '12' is shown, including 'Device Information', 'Recent Events', 'State', and 'Logs'. The 'Device Information' tab is active, showing details like 'Device ID: 12', 'Device Type: abcd', 'Date Added: Oct 19, 2022 9:52 AM', 'Added By: dhivya0455@gmail.com', and 'Connection Status: Disconnected'. A 'Device Simulator' toggle is visible in the top right. At the bottom, a status bar indicates '1 Simulation running'.

Simulator

This screenshot shows the 'Device Type: abcd' configuration window for the simulator. It includes a 'New event type' button and a 'Send' button. The 'Event type name' is set to 'eventflow'. The 'Schedule' is configured as 'Every Minute'. The 'Payload' section shows a JSON event structure:

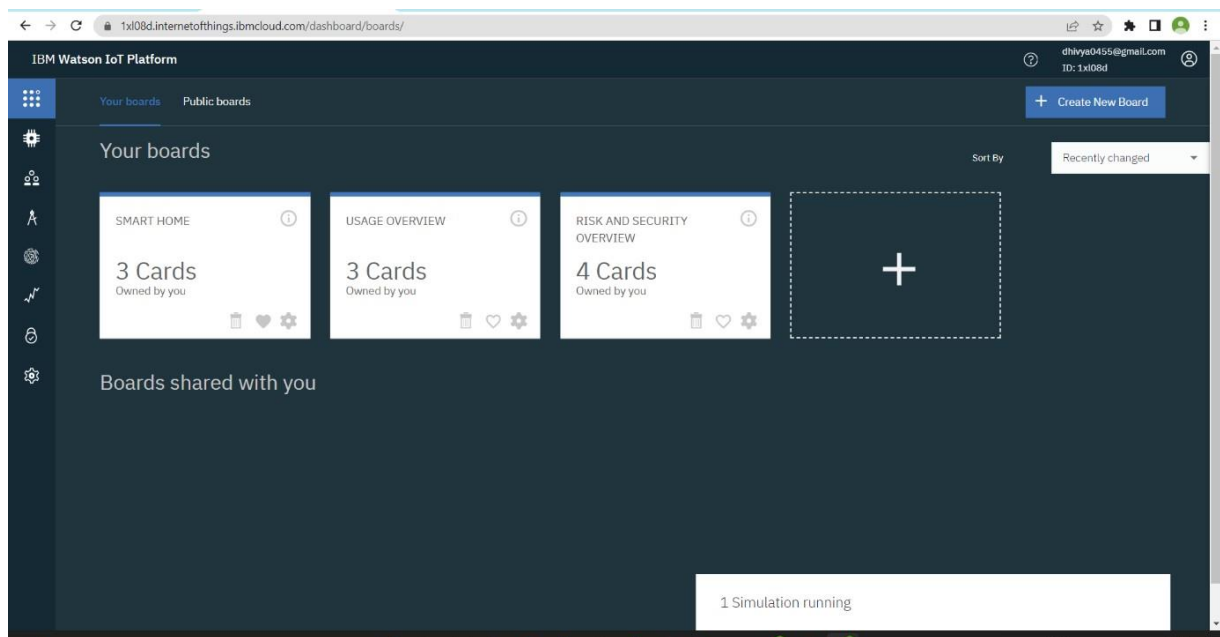
```
{
  "randomNumber": random(0, 100),
  "temp": random(90, 110),
  "Humid": random(60, 100)
}
```

. Below the main configuration, a table lists recent events with columns for 'Event', 'Value', 'Format', and 'Last Received'. The table shows several 'eventflow' events with varying random values for temperature and humidity.

Creation of board

The screenshot displays the 'Create a new board' form in the IBM Watson IoT Platform. The form is titled 'Create a new board' and includes a 'Board name' field with the text 'SMART AUTOMATION' and a 'Description' field. There are two radio button options: 'Make this board my landing page.' and 'Favorite (this also adds this board to your navbar)'. A 'Next' button is located at the bottom right of the form. The background shows a sidebar with 'Your boards' and 'Public boards' sections, and a main area displaying a 'SMART HOME' board with '3 Cards'.

Creation of Cards



Simulation

