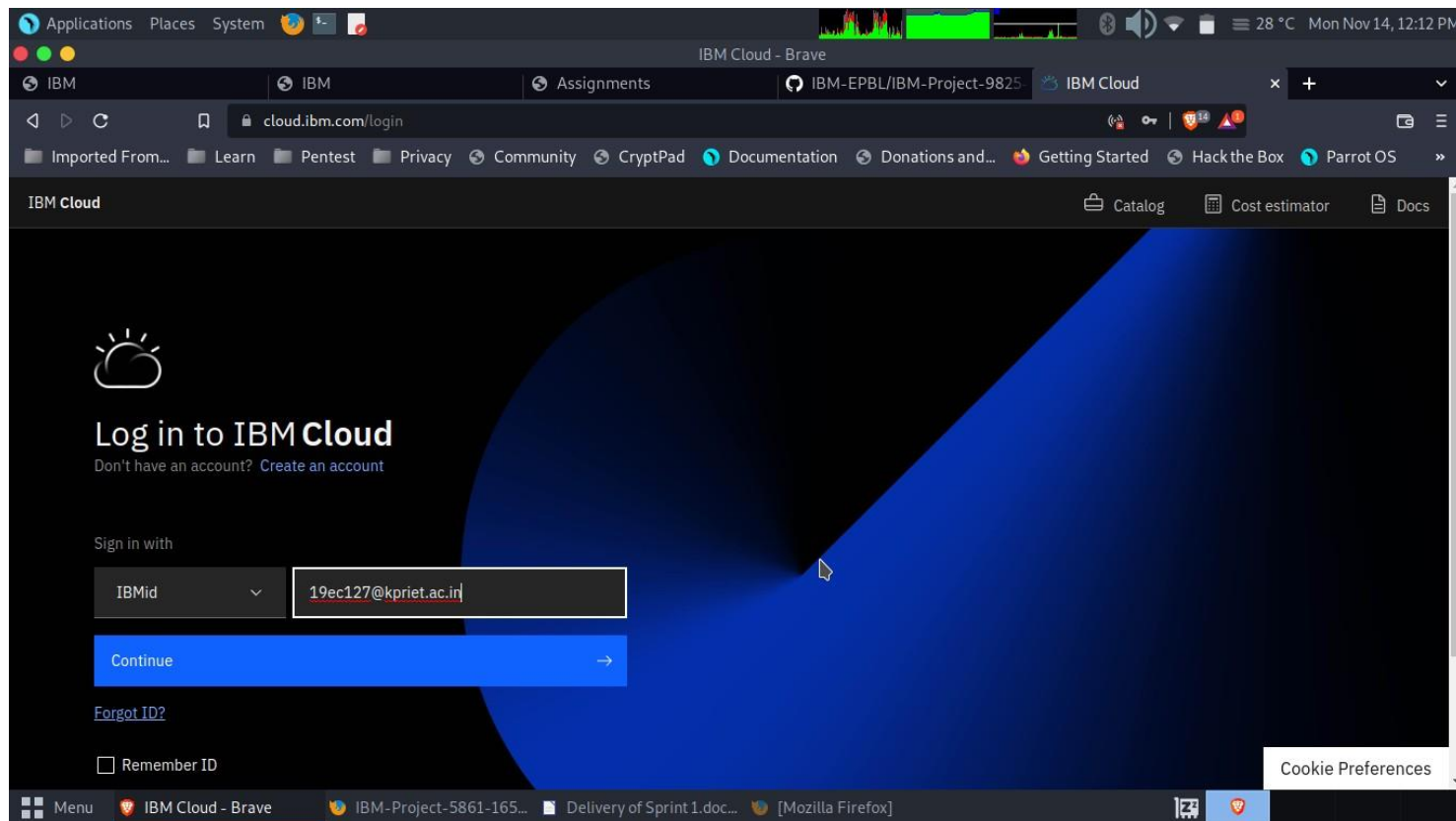


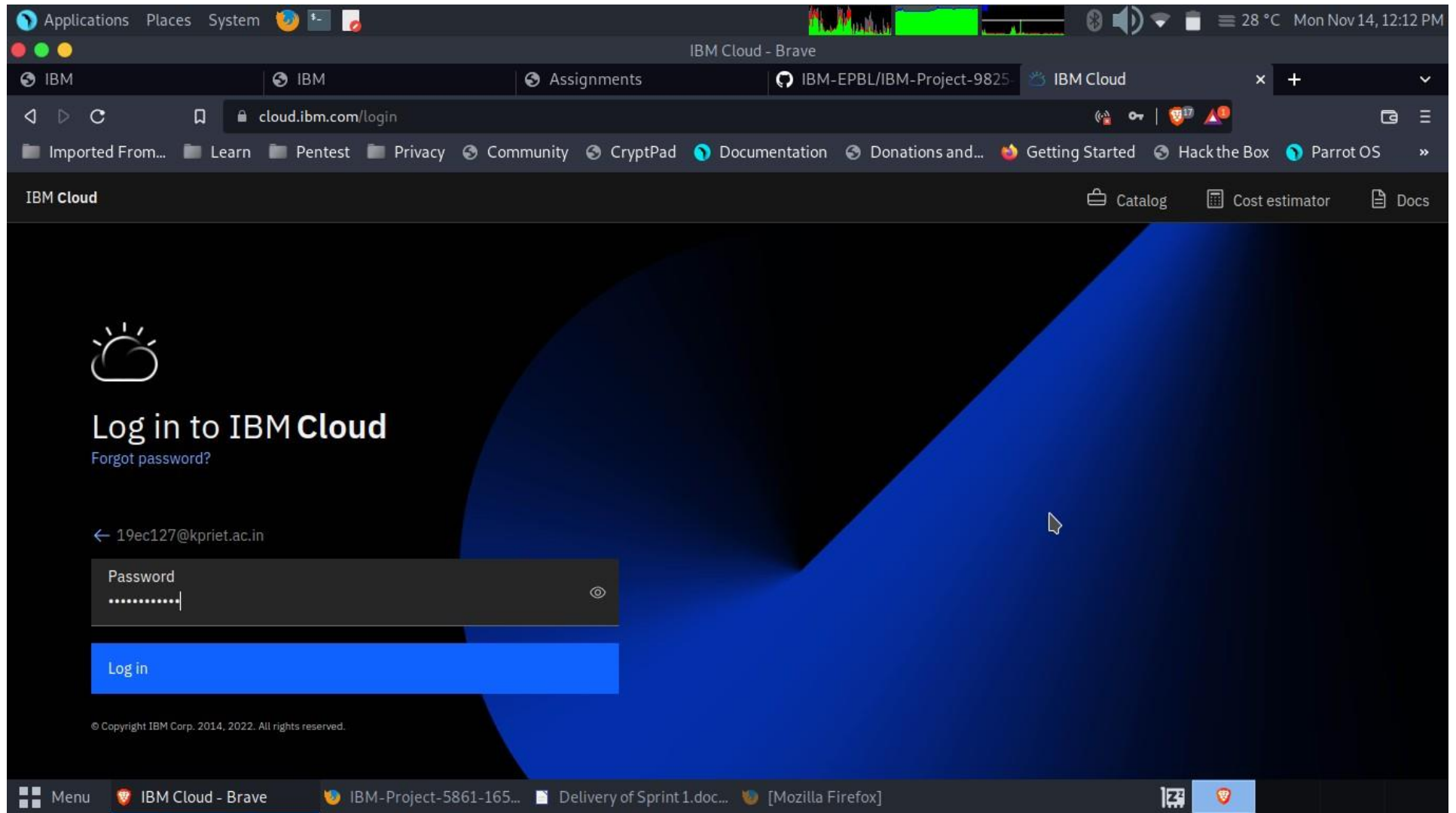
Project Development Phase

Delivery of Sprint 1

Date	29 October 2022
Team ID	PNT2022TMID04619
Project Name	Project –Gas leakage monitoring and alerting system for industries



Step 2: Logged in to IBM cloud account



Step 3: Click on Catalog to search Internet Of Things

The screenshot shows the IBM Cloud dashboard in a Brave browser window. The browser's address bar displays 'cloud.ibm.com'. The dashboard's top navigation bar includes a search bar, a 'Catalog' link, and a 'Manage' dropdown menu. The main content area is titled 'Dashboard' and features a 'For you' section with several recommended actions. These actions include 'Build' (a large blue box), 'Build a web app with Watson Speech to Text', 'Get Started with Watson Studio', 'Build a Virtual Private Cloud (VPC)', 'IBM Push Notifications', and 'App Co'. Each action card provides a brief description and a 'Getting started' button. The bottom of the dashboard shows a 'User access' section with a 'Manage users' link, a 'News' section with a 'View all' link, and a 'Planned maintenance' section with a 'View all' link. The browser's taskbar at the bottom shows several open applications, including 'IBM Cloud - Brave', 'IBM-Project-5861-165...', 'Delivery of Sprint 1.doc...', and 'Mozilla Firefox'.

Applications Places System

IBM Cloud - Brave

IBM IBM Assignments IBM-EPBL/IBM-Project-9825 IBM Cloud

cloud.ibm.com

Imported From... Learn Pentest Privacy Community CryptPad Documentation Donations and... Getting Started Hack the Box Parrot OS

IBM Cloud Search resources and products... Catalog Manage UDAYA KEERTHI VS's A...

Dashboard Edit dashboard Upgrade account Create resource

For you Select an option

Build
Explore IBM Cloud with this selection of easy starter tutorials and services.

Build a web app with Watson Speech to Text
Deploy a conversational interface compatible with any application, device, or channel.
Getting started 15 min

Get Started with Watson Studio
Get started with using AI and Cloud Object Storage in 15 minutes.
Popular 2 hr

Build a Virtual Private Cloud (VPC)
Upgrade to a paid account to create your your own protected space in the IBM Cloud.
Getting started 7 min

IBM Push Notifications
Send real-time and personalized notifications to mobile and web applications via a unified push service.
Recommended 2 min

App Co
Instant applica system technol single l App Co
Recom

User access Manage users News View all Planned maintenance View all

Menu IBM Cloud - Brave IBM-Project-5861-165... Delivery of Sprint 1.doc... Mozilla Firefox

Step 4: search for Internet of Things Platform and login to and finished further processes

The screenshot displays the IBM Cloud Catalog interface within a Brave browser window. The browser's address bar shows the URL `cloud.ibm.com/catalog`. The page header includes the IBM Cloud logo, a search bar, and navigation links such as 'Catalog', 'Manage', and 'UDAYA KEERTHI VS's A...'. The main content area features a large illustration of a storefront with a person using a laptop, surrounded by various IoT and cloud service icons. Below this, a section titled 'Catalog' includes a search bar with the placeholder text 'Search the catalog...'. The interface also shows a 'Category' dropdown menu, a 'Viewing 206 products' status, and a sorting option set to 'Alphabetically'. A sidebar on the left lists 'Type' filters: 'All' (selected), 'Services', and 'Software'. The main product grid displays three items: 'Analytics Engine' by IBM, 'AnonTech ViziVault Platform' by Anon Technology, Inc., and 'API Connect' by IBM. The bottom of the screen shows the operating system's taskbar with several open applications, including a terminal window, a document titled 'Delivery of Sprint 1.doc...', and a Mozilla Firefox browser window.

Step 5: After clicking on Resource list select Internet of things platform and click on launch

Applications Places System

Service Details - IBM Cloud - Brave

https://careereducation.smart https://careereducation.smart Assignments IBM-EPBL/IBM-Project-9825 Service Details - IBM Cloud x +

cloud.ibm.com/services/iotf-service/crn%3Av1%3Abluemix%3Apublic%3Aaiotf-service%3Aeu-de%3Aa%2F855f692f9e88484a... | |

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IBM Cloud Search resources and products... Catalog Manage UDAYA KEERTHI VS's A... ? ? ? ? ? ? ? ? ? ?

Resource list /

Internet of Things Platform-fm

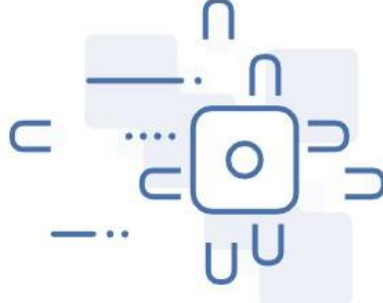
Active Add tags

Details Actions...

Manage

Plan

Connections



Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

Launch Docs

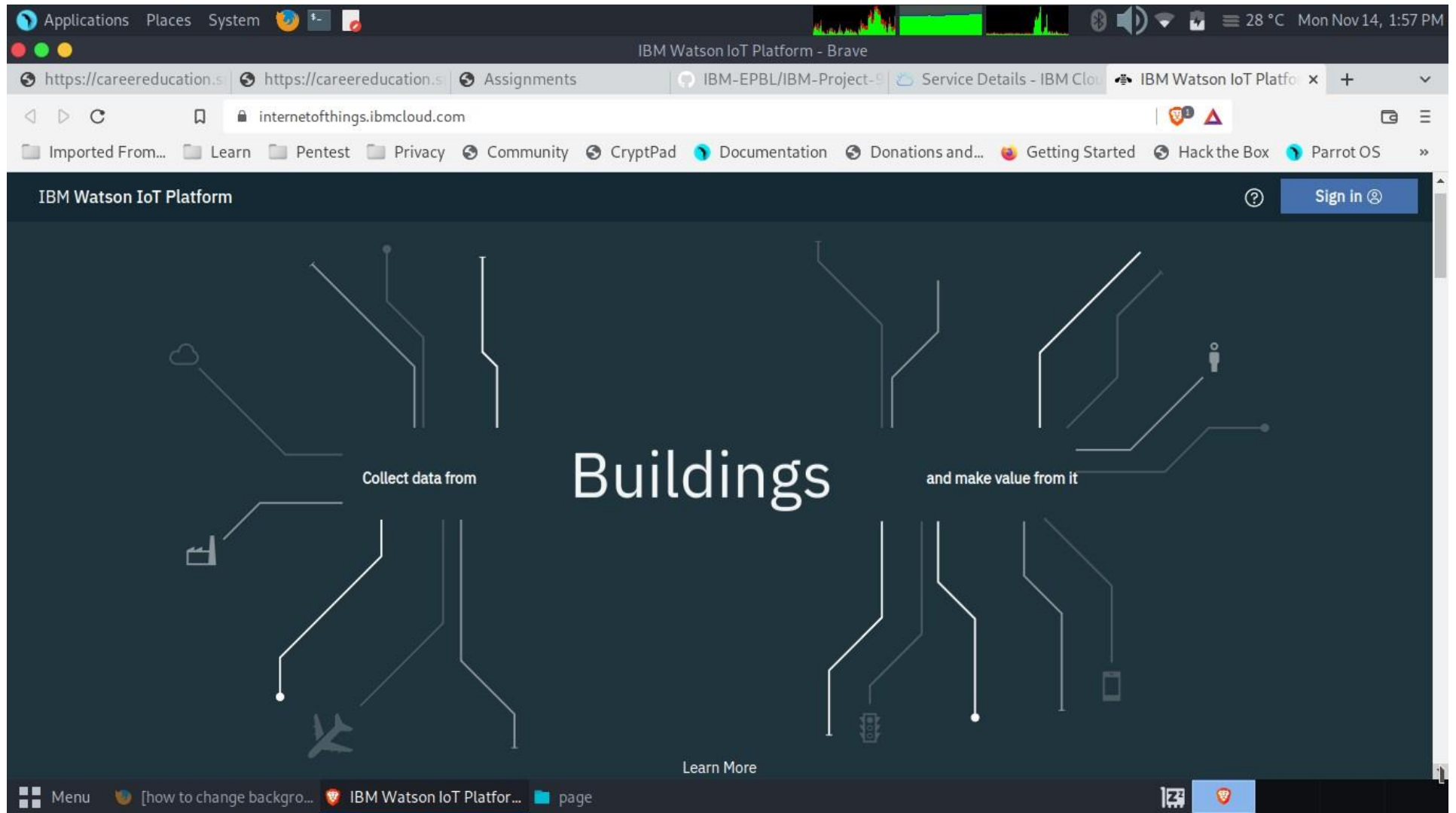
Ready for the next level?

IBM Watson IoT Platform Journey

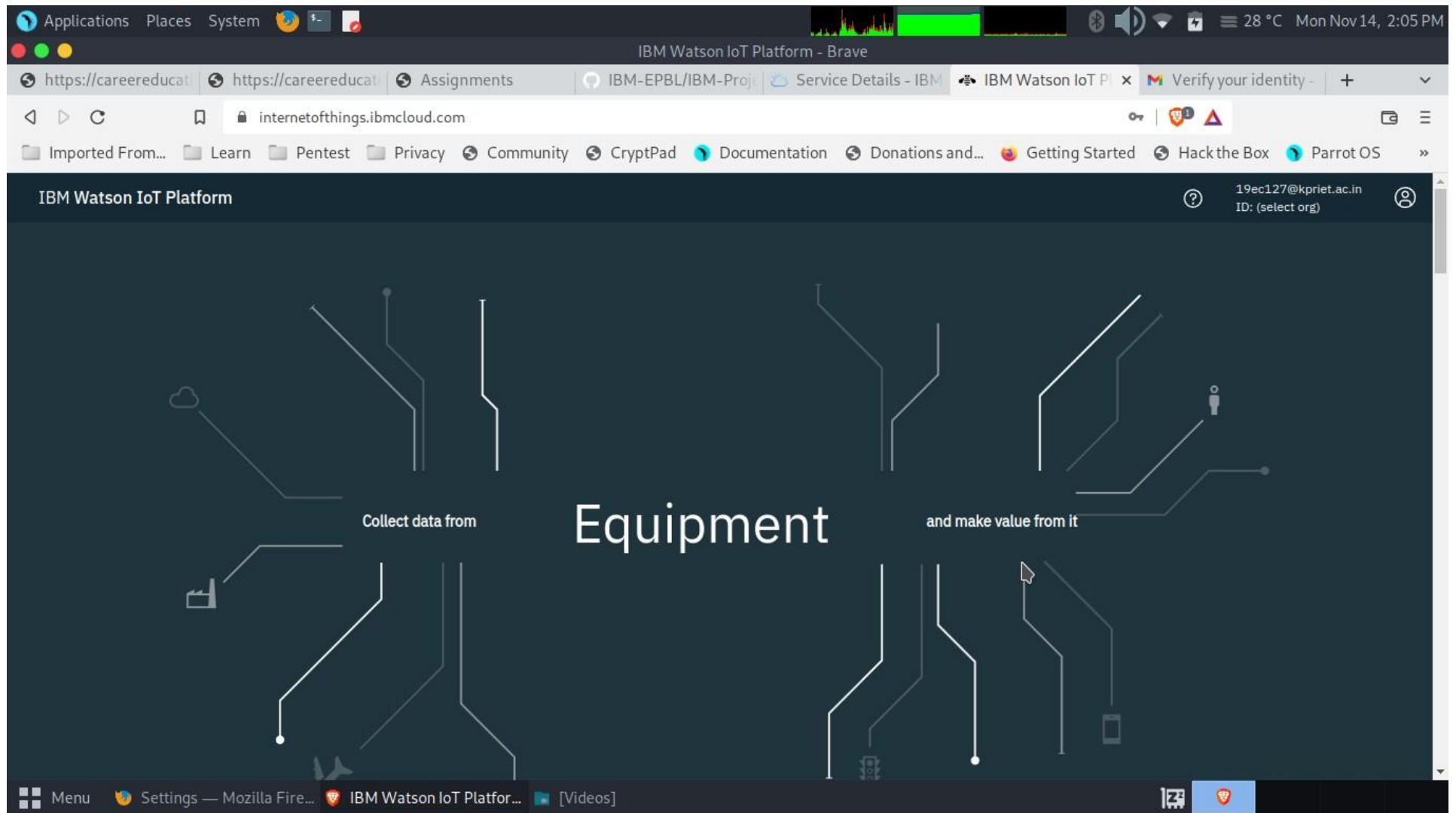
Menu [how to change backgro... Service Details - IBM CL... page

123

Step 6: Refresh the page and the login page will appear.



Step 7 : Then click on the profile and click on the bluemix with organization id



Step 8 : Then turn on device simulator and then create a random function for Temperature, Humidity and Gas Level.

IBM Watson IoT Platform

19ec127@kpriet.ac.in
ID: pi0ywk

Browse Action Device Types Interfaces

Add Device +

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
> <input type="checkbox"/>	Udayakpr007	Disconnected	Gas_Geakage_Detector	Device	7 Nov 2022 19:02

Items per page 50 | 1-1 of 1 item

1 of 1 page

0 Simulations running

Step 09: This is the output for random Temperature, Humidity, Gas Level

The screenshot displays the IBM Watson IoT Platform interface. 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 shows a device named 'Udayakpr007' with a status of 'Connected' and a device type of 'Gas_Leakage_Detector'. Below this, the 'Recent Events' tab is selected, showing a table of live data streams. The table has four columns: 'Event', 'Value', 'Format', and 'Last Received'. The data shows five recent events, all from an 'IoTSensor' in 'json' format, with values for temperature, humidity, and gas level. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 13:22 on 13/11/2022.

Event	Value	Format	Last Received
IoTSensor	{"temp":88,"Humid":98,"gas":75}	json	a few seconds ago
IoTSensor	{"temp":78,"Humid":42,"gas":43}	json	a few seconds ago
IoTSensor	{"temp":80,"Humid":89,"gas":83}	json	a few seconds ago
IoTSensor	{"temp":59,"Humid":3,"gas":15}	json	a few seconds ago
IoTSensor	{"temp":1,"Humid":90,"gas":57}	json	a few seconds ago