

## PROJECT DEVELOPMENT PHASE

### SPRINT - 1

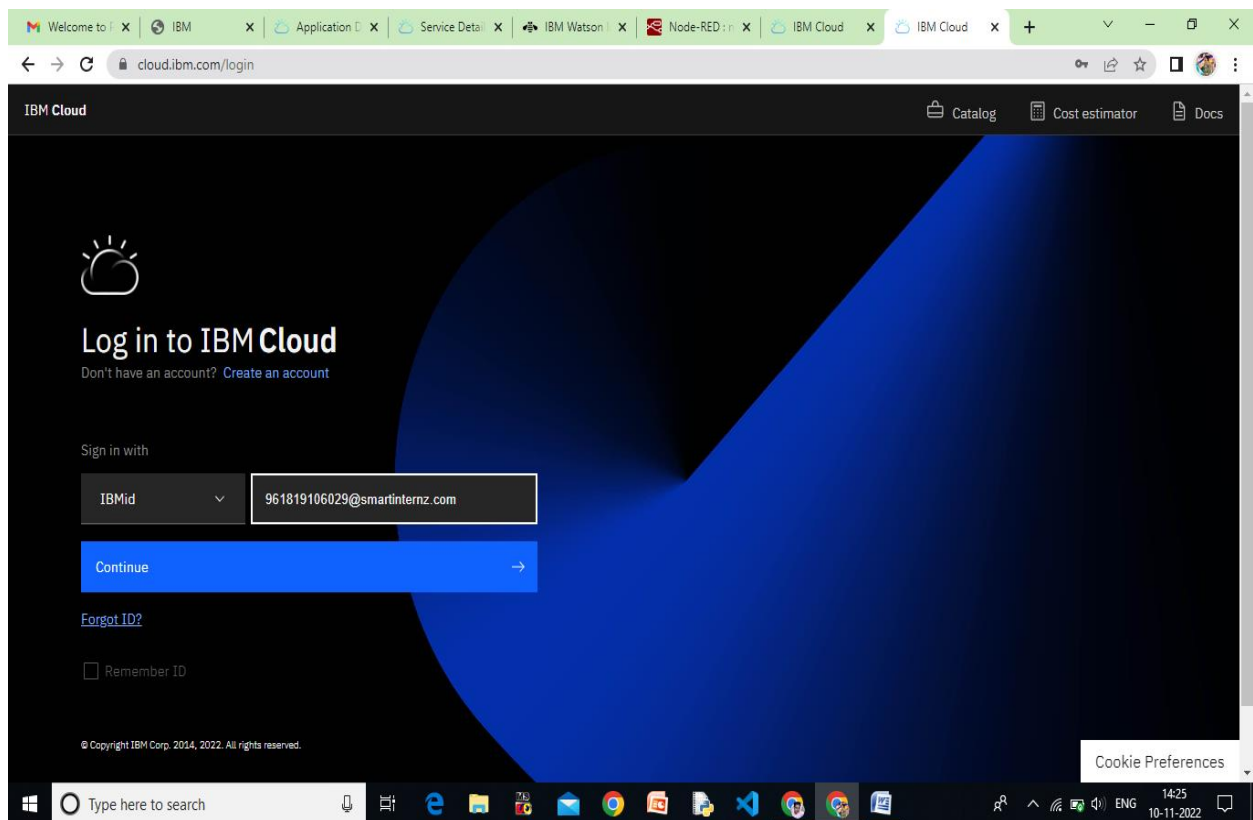
<b>TEAM ID</b>	<b>PNT2022TMID34520</b>
<b>PROJECT NAME</b>	<b>SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY</b>

# RESOURCES PAGES

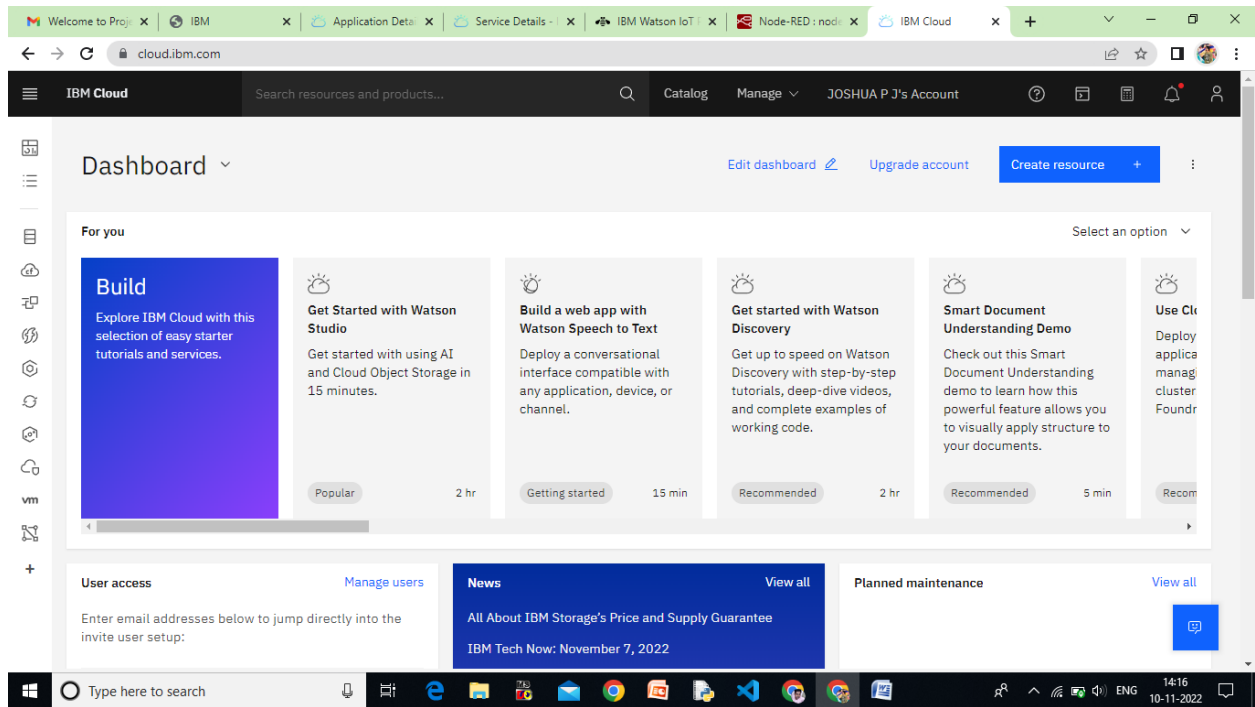
## IBM CLOUD:

### LOGIN TO THE WEBSITE: IBM CLOUD LOGIN

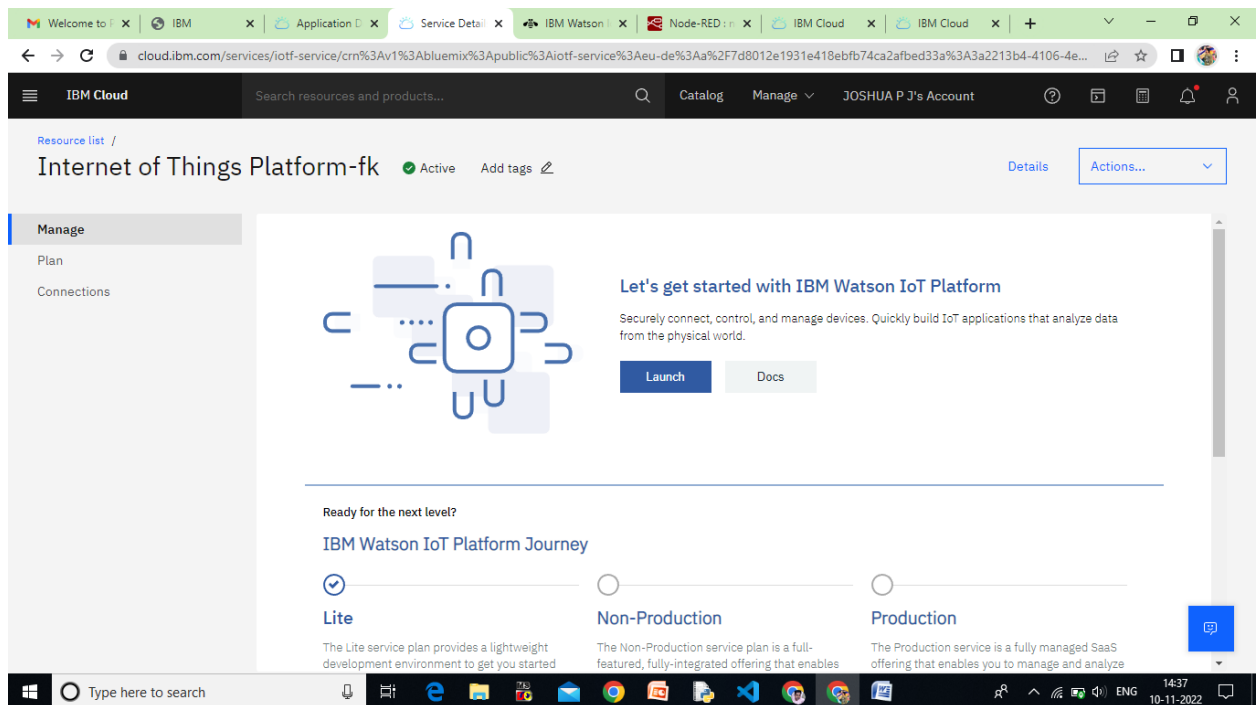
1. Enter the SI Mail id and create your password.



2. After Login page dashboard will be displayed and click the catalog and open internet of things.

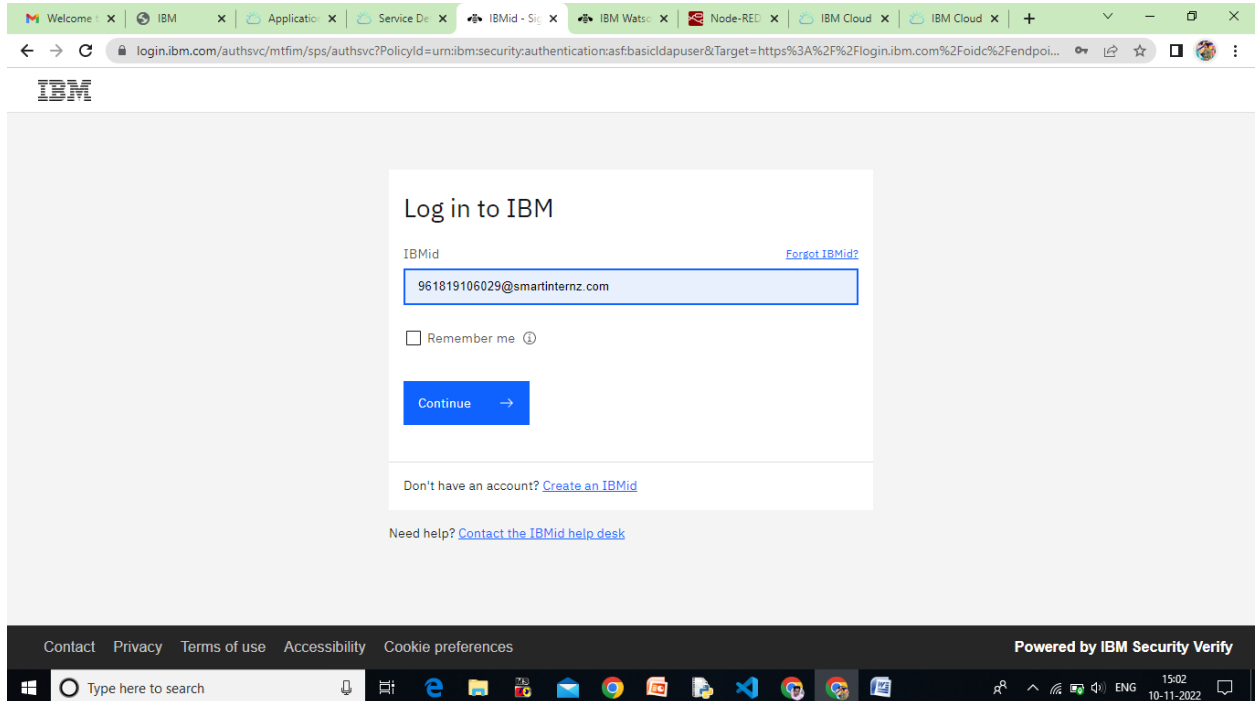


3. After that you will find this page and click the launch button:



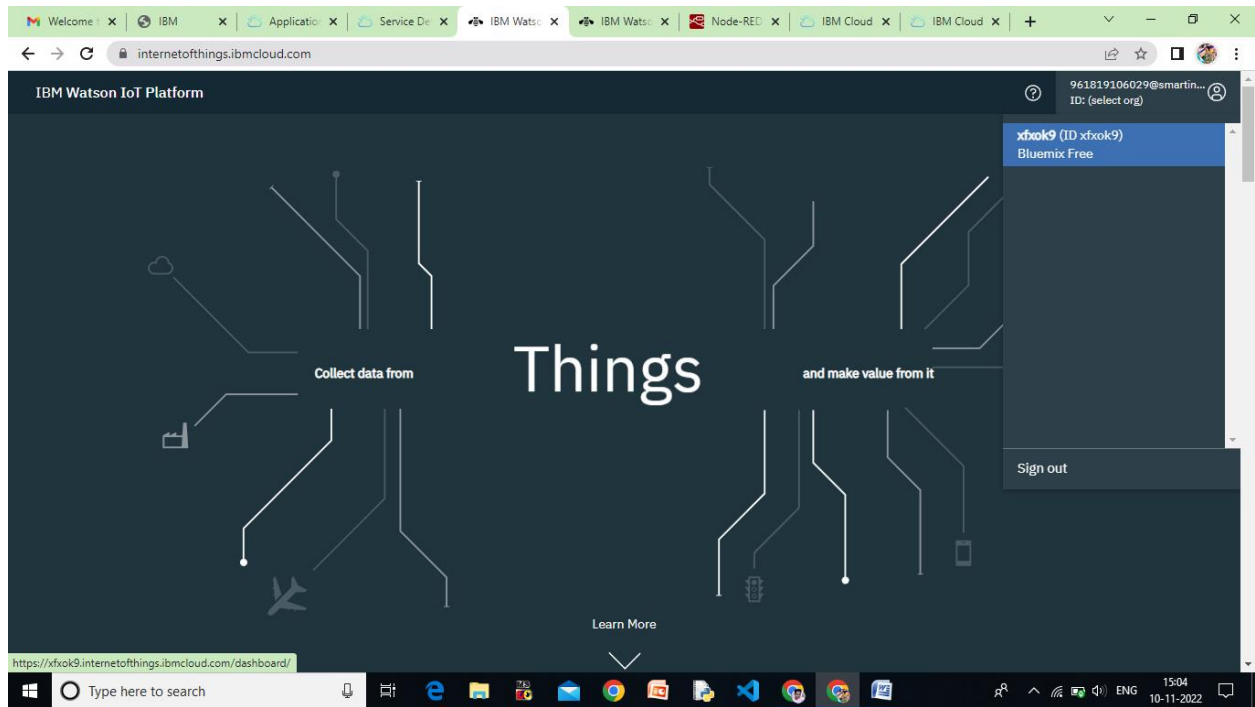
## TO LOGIN TO IBM WATSON:

1. After that login the Page and give your SI Mail id and password

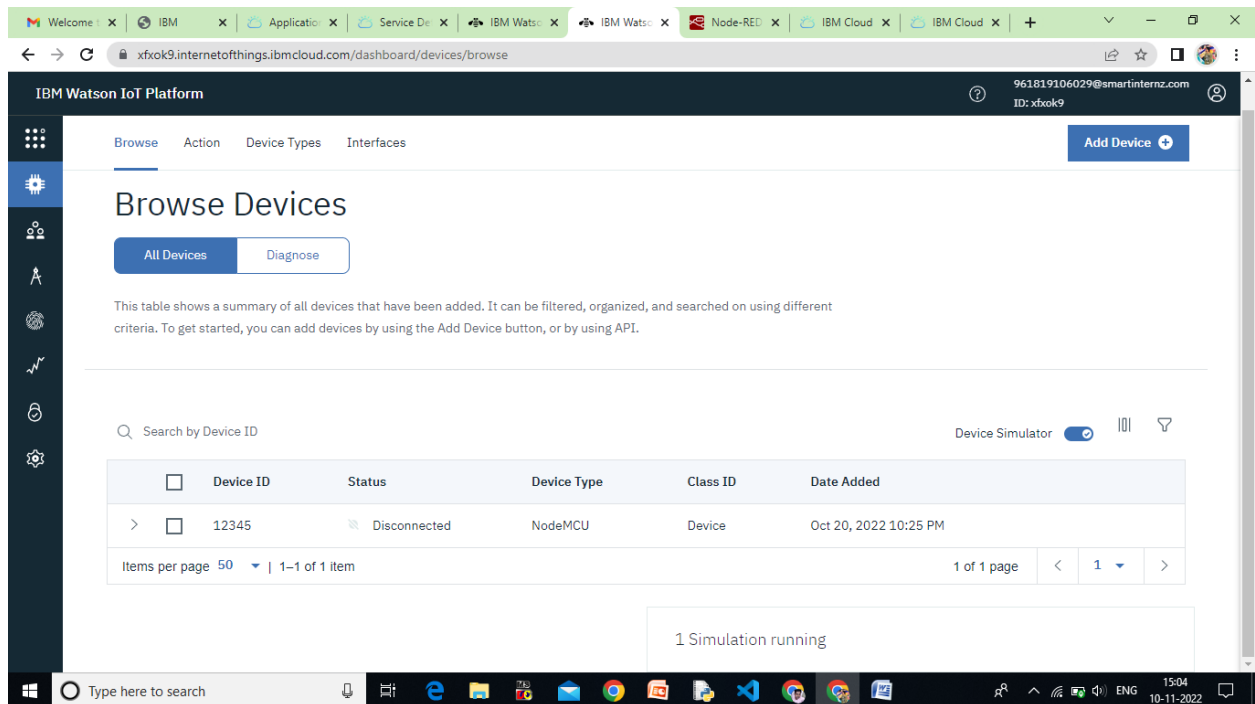


The screenshot shows a web browser window with multiple tabs open. The active tab is titled 'login.ibm.com'. The page displays the IBM logo at the top left. In the center, there is a white box titled 'Log in to IBM'. Inside this box, there is a label 'IBMid' followed by a text input field containing the email address '961819106029@smartinternz.com'. To the right of the input field is a link that says 'Forgot IBMId?'. Below the input field is a checkbox labeled 'Remember me' with a small information icon. A blue 'Continue' button with a right-pointing arrow is positioned below the checkbox. At the bottom of the white box, there is a link that says 'Don't have an account? Create an IBMId'. Below the white box, there is a link that says 'Need help? Contact the IBMId help desk'. At the bottom of the browser window, there is a dark grey footer bar with links for 'Contact', 'Privacy', 'Terms of use', 'Accessibility', and 'Cookie preferences'. On the right side of the footer bar, it says 'Powered by IBM Security Verify'. The Windows taskbar is visible at the very bottom of the screen.

2. Then sign in the right side corner id given in the IBM Watson:



3. After that you will find the Browse Device Page:



#### 4. Create a Device by entering all the required details given below and click finish:

Organization ID: xfxok9

Device Type: NodeMCU

Device ID: 6385476358

Authentication Method: use-token-auth

Authentication Token: 9384731286

#### 5. And then you will receive this page by stimulating the created device:

The screenshot displays the IBM Watson IoT Platform interface. The main page is titled 'Browse Devices' and shows a table with one device listed: Device ID 12345, Status Disconnected, and Device Type NodeMCU. A modal window is open on the right, titled 'Device Type: NodeMCU', showing the configuration for a new event type named 'event\_1'. The schedule is set to 'Every Minute'. The payload is a JSON object with three fields: 'randomNumber' (random(0, 100)), 'temp' (random(10, 80)), and 'hum' (random(80, 100)). The modal includes buttons for 'Send', 'Upload a CSV file', 'Cancel', and 'Save'.

IBM Watson IoT Platform

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, criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device ID	Status	Device Type
12345	Disconnected	NodeMCU

Items per page: 50 | 1-1 of 1 item

Device Type: NodeMCU

Events 1 New event type +

Event type name event\_1 Send

Schedule 1 Every Minute

Payload Specify the event payload in the editor window or by uploading a CSV file.

```
0 {
1   "randomNumber": random(0, 100),
2   "temp": random(10, 80),
3   "hum": random(80, 100)
4 }
5
```

Upload a CSV file

Cancel Save

## STATUS PAGE (RESULT):

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes tabs for 'Welcome', 'IBM', 'cloud.ibm', 'Service De...', 'IBM Wats...', 'IBM Wats...', 'Node-RED', 'IBM Cloud', and 'IBM Cloud'. The main header shows the user's email '961819106029@smartinternz.com' and ID 'xfkok9'. The dashboard is divided into sections: 'Browse', 'Action', 'Device Types', and 'Interfaces'. A table lists devices, with one device (ID 12345) highlighted. Below the table, a 'Recent Events' section shows a live stream of data. The events table has columns for Event, Value, Format, and Last Received. The first event is 'event\_1' with a value of '{"randomNumber":12,"temp":73,"hum":96}' in json format, received 'a few seconds ago'. The second event is also 'event\_1' with a value of '{"randomNumber":63,"temp":63,"hum":83}' in json format, received 'a minute ago'. The bottom status bar indicates '1 Simulation running'.

Device ID	Status	Device Type	Class ID	Date Added
12345	Disconnected	NodeMCU	Device	Oct 20, 2022 10:25 PM

Event	Value	Format	Last Received
event_1	{"randomNumber":12,"temp":73,"hum":96}	json	a few seconds ago
event_1	{"randomNumber":63,"temp":63,"hum":83}	json	a minute ago