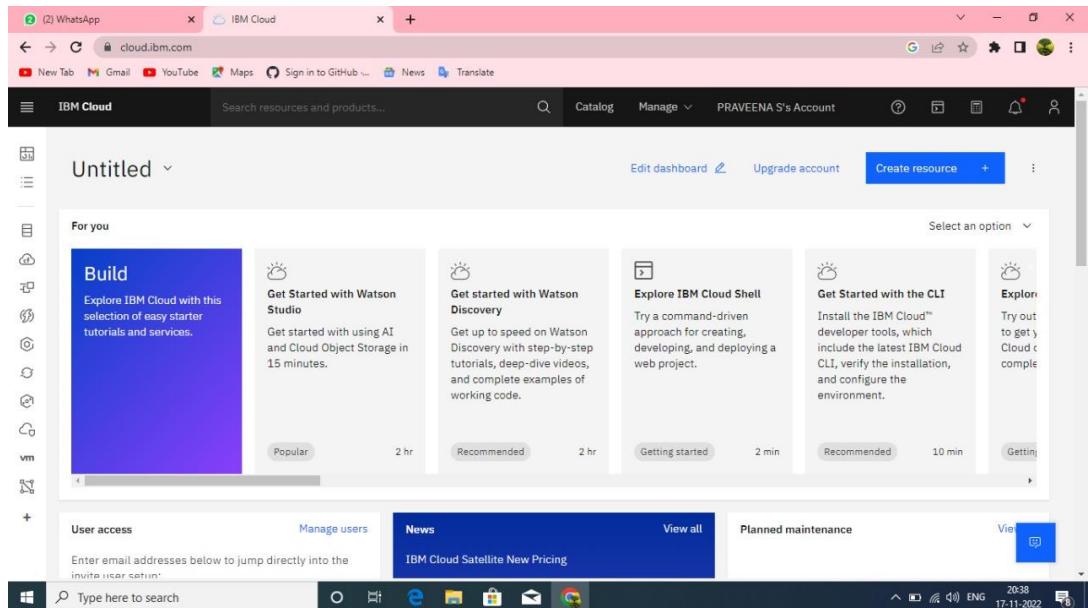


CREATE AND CONFIGURE IBM CLOUD SERVICES

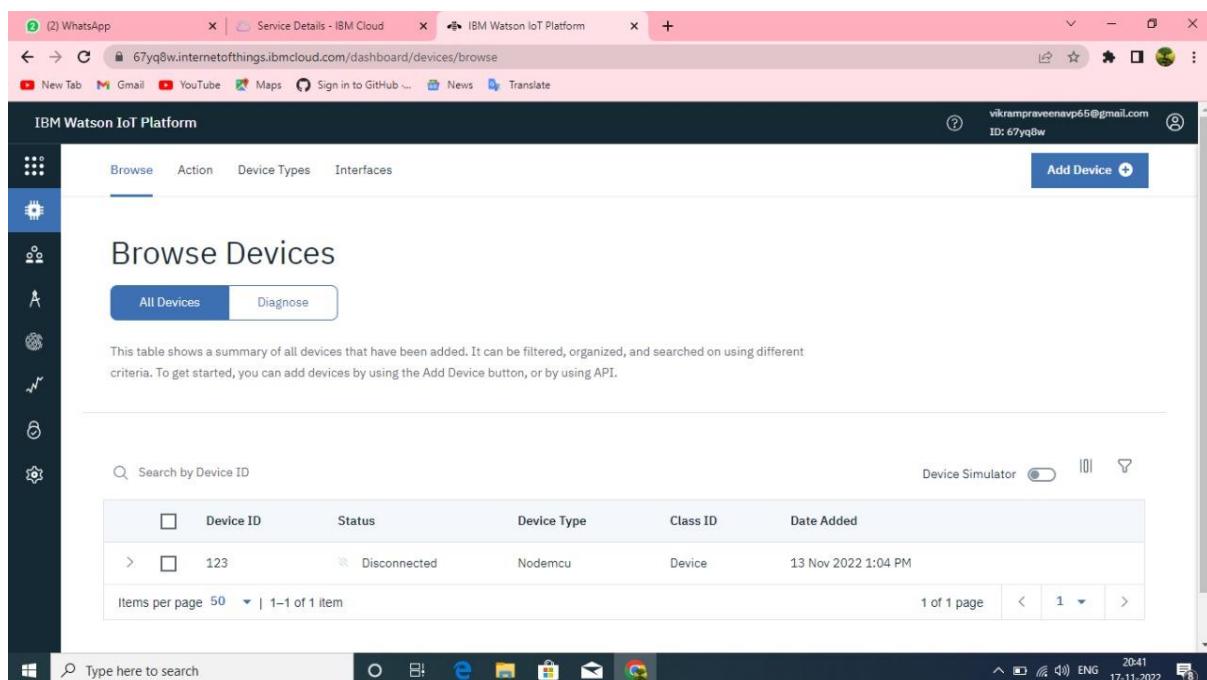
Date	16 November 2022
Team ID	PNT2022TMID13542
Project name	Hazardous area monitoring for industrial power plants by IoT
Maximum marks	2 marks

Create a IBM Cloud service



The screenshot shows the IBM Cloud dashboard with a pink header. The main content area is titled 'Untitled'. It features a 'For you' section with a large blue 'Build' card. Below it are four smaller cards: 'Get Started with Watson Studio', 'Get started with Watson Discovery', 'Explore IBM Cloud Shell', and 'Get Started with the CLI'. At the bottom of the dashboard, there are sections for 'User access', 'News' (with a 'IBM Cloud Satellite New Pricing' article), and 'Planned maintenance'.

Configure a devices



The screenshot shows the IBM Watson IoT Platform dashboard with a dark header. The main area is titled 'Browse Devices' and contains a table with one row of data. The table columns are 'Device ID', 'Status', 'Device Type', 'Class ID', and 'Date Added'. The single entry is '123' (Status: Disconnected, Device Type: Nodemcu, Class ID: Device, Date Added: 13 Nov 2022 1:04 PM). There are also buttons for 'Add Device' and 'Diagnose'.

The screenshot shows a browser window with the URL 67yq8w.internetofthings.ibmcloud.com/dashboard/devices/drilldown/Nodemcu:123?returnTo=/devices/browse. The page title is "Device Drilldown - 123". On the left, a sidebar menu includes "Device Credentials", "Connection Information", "Recent Events", "State", "Device Information", "Metadata", "Diagnostics", and "Connection Logs". The main content area is titled "Device Credentials" and displays the following device details:

	Organization ID	Device Type
State	67yq8w	Nodemcu
Device ID	123	Authentication Method
Metadata	use-token-auth	Authentication Token
Diagnostics	12345678	

The screenshot shows a browser window with the URL 67yq8w.internetofthings.ibmcloud.com/dashboard/devices/browse. The page title is "IBM Watson IoT Platform". The interface includes a search bar, a toolbar with icons for "Browse", "Action", "Device Types", and "Interfaces", and a "Add Device" button. The main content area displays a table of devices:

device ID	Status	device type	Class ID	Date Added
123	Disconnected	Nodemcu	Device	13 Nov 2022 12:23 PM

Below the table, there is a section titled "Recent Events" which lists the following event data:

Event	Value	Format	Last Received
eventflow	{"temperature":98}	json	a few seconds ago
eventflow	{"temperature":90}	json	a few seconds ago
eventflow	{"temperature":92}	json	a few seconds ago
eventflow	{"temperature":96}		1 Simulation running
eventflow	{"temperature":91}		

