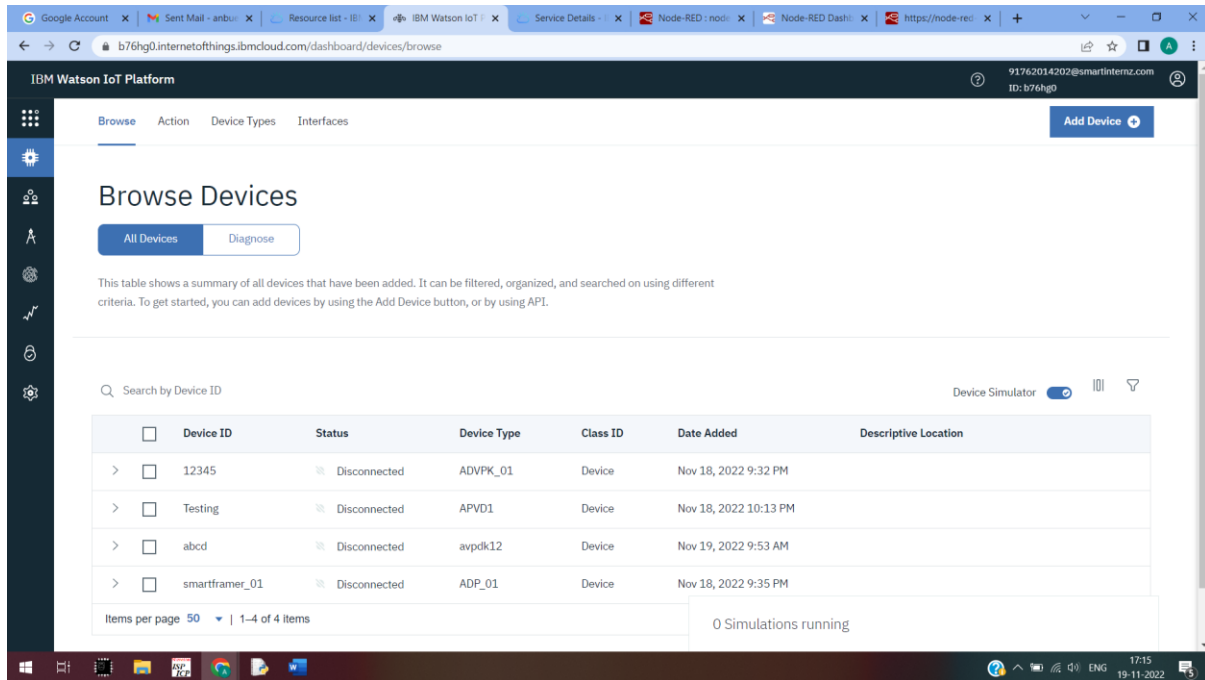


# CREATE AND CONFIGURE IBM CLOUD SERVICES

Date	19 November 2022
Team ID	PNT2022TMID06181
Project Name	Project – Smart Farmer- IOT Enabled Smart Farming Application

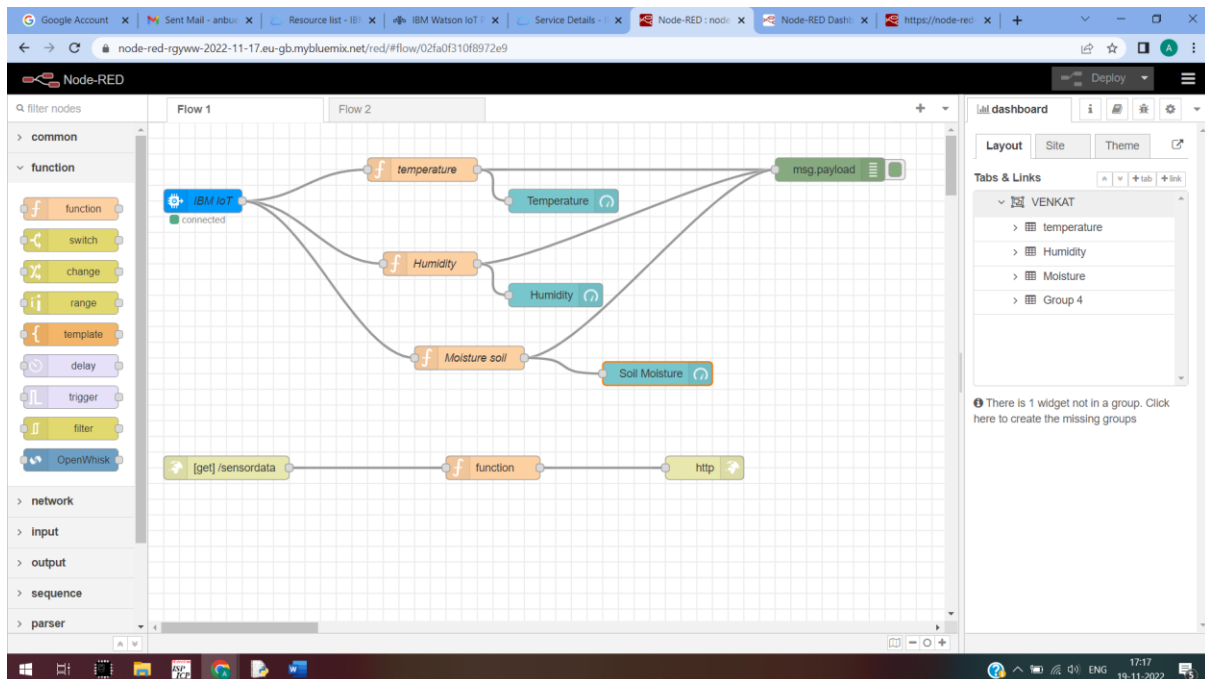
## IBM COULD WATSON PLATFORM:



The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. The main heading is 'Browse Devices'. Below this, there are tabs for 'All Devices' and 'Diagnose'. A message states: '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.' A search bar labeled 'Search by Device ID' is present. The table below lists devices with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains four rows of data, all with a status of 'Disconnected'. A 'Device Simulator' toggle is set to 'On'. At the bottom, it says '0 Simulations running'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	ADVPK_01	Device	Nov 18, 2022 9:32 PM	
Testing	Disconnected	APVD1	Device	Nov 18, 2022 10:13 PM	
abcd	Disconnected	avpdk12	Device	Nov 19, 2022 9:53 AM	
smartframer_01	Disconnected	ADP_01	Device	Nov 18, 2022 9:35 PM	

## NODE RED:



The screenshot shows the Node-RED web interface. The top navigation bar includes 'Deploy'. The main area displays a flow diagram with two flows. Flow 1 starts with an 'IBM IoT' node, which connects to three function nodes: 'temperature', 'Humidity', and 'Moisture soil'. These function nodes connect to 'Temperature', 'Humidity', and 'Soil Moisture' nodes respectively. Flow 2 starts with a '[get]/sensordata' node, which connects to a 'function' node, which then connects to an 'http' node. The right sidebar shows a 'dashboard' tab with a 'Layout' section containing a list of widgets: 'VENKAT', 'temperature', 'Humidity', 'Moisture', and 'Group 4'. A message at the bottom of the sidebar states: 'There is 1 widget not in a group. Click here to create the missing groups'.