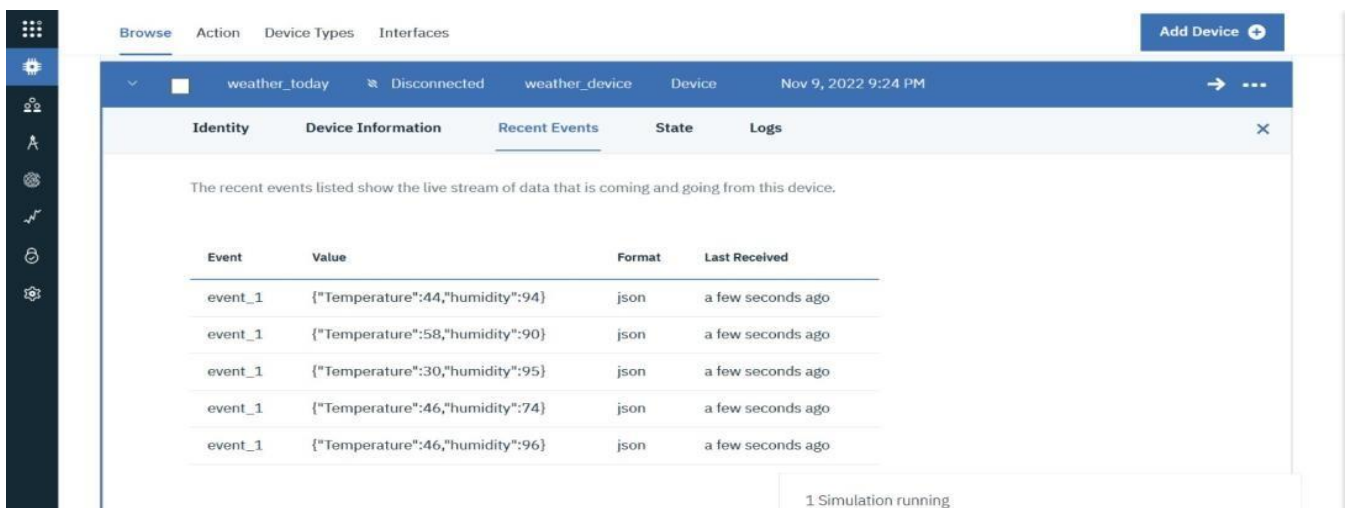


SPRINT-1

Date	28 October 2022
Team ID	PNT2022TMID52857
Project Name	IoT-Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	

Data Generation:

Using random function in python, the required sensor data have been generated and published to IBM Watson IoT Platform.

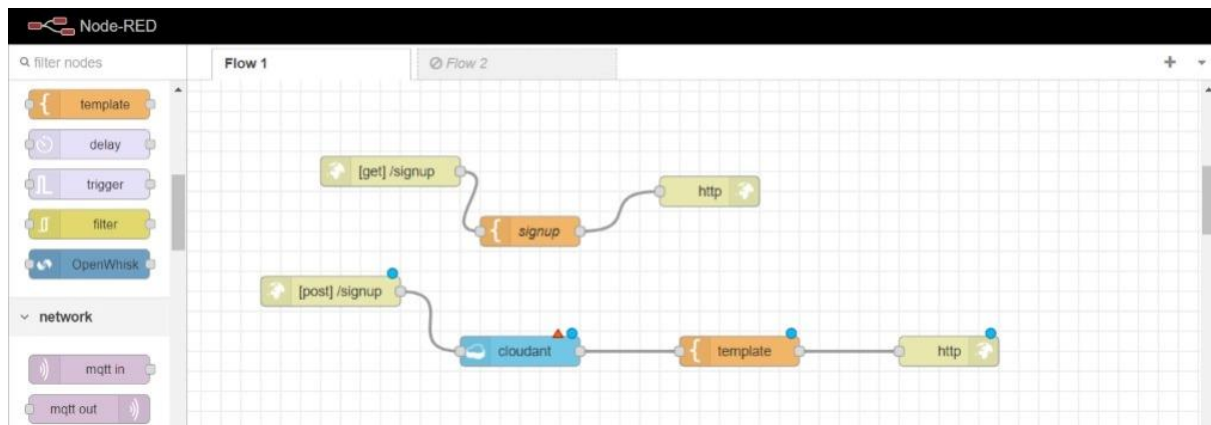


The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons. The main content area shows a device named 'weather_device' with a status of 'Disconnected'. Below this, a table titled 'Recent Events' displays a live stream of data. The table has four columns: 'Event', 'Value', 'Format', and 'Last Received'. The data shows five events, each with a value of '{"Temperature":44,"humidity":94}', '{"Temperature":58,"humidity":90}', '{"Temperature":30,"humidity":95}', '{"Temperature":46,"humidity":74}', and '{"Temperature":46,"humidity":96}', all in 'json' format, received 'a few seconds ago'. A status bar at the bottom indicates '1 Simulation running'.

Event	Value	Format	Last Received
event_1	{"Temperature":44,"humidity":94}	json	a few seconds ago
event_1	{"Temperature":58,"humidity":90}	json	a few seconds ago
event_1	{"Temperature":30,"humidity":95}	json	a few seconds ago
event_1	{"Temperature":46,"humidity":74}	json	a few seconds ago
event_1	{"Temperature":46,"humidity":96}	json	a few seconds ago

Devices in IBM cloud which shows the temperature and humidity level of the sensors.

Sign-up in Node-red:



Signed up with Node-red is done for creating the application for child tracking.

Sign-up page created:

The screenshot shows a web browser window with the address `http://169.51.195.38:30039/signup`. The page has a light blue background with a dark blue header. The main content is a dark blue box with the title **REGISTER**. Inside the box, there are four input fields: **Email**, **Password**, **Username**, and **Phone Number**. Below the input fields, there is a list of requirements for the password:

- Must be at least 8 characters long.
- Must contain a lowercase letter.
- Must contain an uppercase letter.
- Must contain a number or special character.

 At the bottom of the box, there is a **Submit** button and a link that says **Already a user? login**.

Sign up page is created along with log-in credentials.

