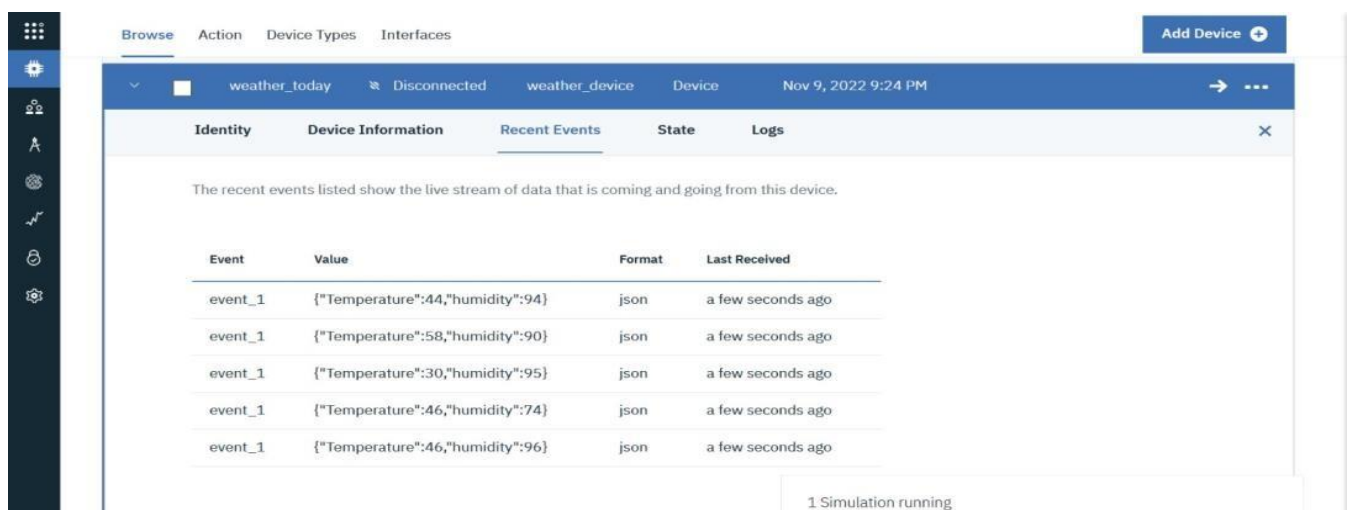


SPRINT-1

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.

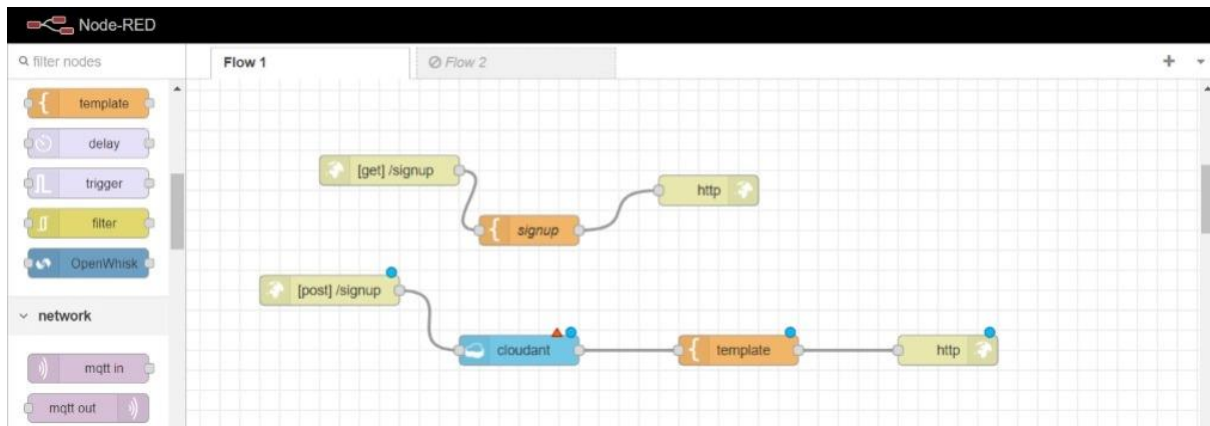


The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons. The main content area shows details for a device named 'weather_device', which is currently 'Disconnected'. The 'Recent Events' tab is active, displaying a table of live data events. The table has four columns: 'Event', 'Value', 'Format', and 'Last Received'. It lists five events, each with a JSON value containing temperature and humidity data, all in 'json' format, and 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 bar displaying `http://169.51.195.38:30039/signup`. The page has a light blue background with a dark blue gradient at the bottom. In the center, there is a dark blue rectangular box containing the registration form. The form is titled "REGISTER" in white capital letters. It contains four input fields: "Email" (with a placeholder "Email Id"), "Password" (with a placeholder "Password"), "Username" (with a placeholder "Username"), and "Phone Number" (with a placeholder "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.", and "Must contain a number or special character." Below the list, there is a blue "Submit" button. At the bottom of the form, there is a link that says "Already a user? [login](#)".

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

