

Project Development Phase

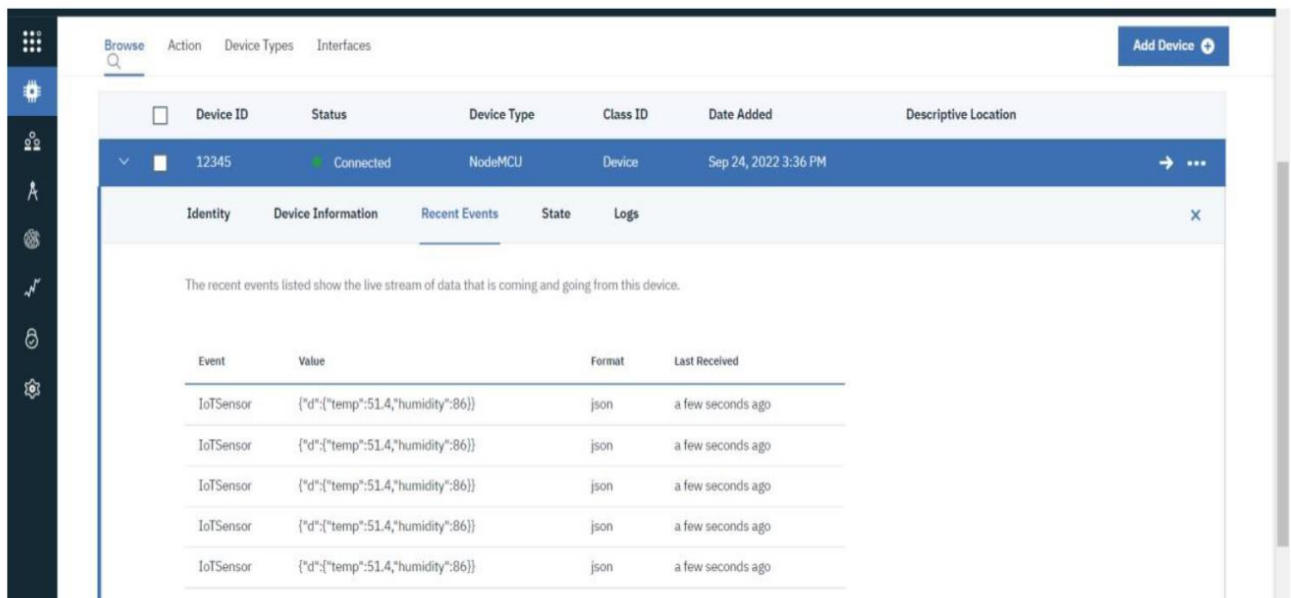
SPRINT 3

Date	5th November 2022
Team ID	PNT2022TMID13070
Project Name	IoT Enabled Smart Farming Application
Team Members	Sankari Parmeswari SP Dharshini A Vimalesh Siva

Simulation:

Sending Temperature and Humidity values from IBM Watson to Node-Red.

Temperature and Humidity Values in IBM Watson:



The screenshot displays the IBM Watson IoT Platform interface. At the top, there are tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is located next to the 'Browse' tab. On the right, there is a blue button labeled 'Add Device' with a plus icon. Below the tabs, a table lists device information. The table has columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. A device with ID 12345 is shown, with a status of 'Connected', device type of 'NodeMCU', class ID of 'Device', and a date added of 'Sep 24, 2022 3:36 PM'. Below this, there is a section for 'Recent Events' with a sub-header 'Identity'. A message states: 'The recent events listed show the live stream of data that is coming and going from this device.' Below this message is a table with columns: Event, Value, Format, and Last Received. The table contains five rows of data, all from 'IoTSensor' events, with values like ['d':{'temp':51.4,'humidity':86}], format 'json', and 'a few seconds ago' as the last received time.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Connected	NodeMCU	Device	Sep 24, 2022 3:36 PM	

Event	Value	Format	Last Received
IoTSensor	['d':{'temp':51.4,'humidity':86}]	json	a few seconds ago
IoTSensor	['d':{'temp':51.4,'humidity':86}]	json	a few seconds ago
IoTSensor	['d':{'temp':51.4,'humidity':86}]	json	a few seconds ago
IoTSensor	['d':{'temp':51.4,'humidity':86}]	json	a few seconds ago
IoTSensor	['d':{'temp':51.4,'humidity':86}]	json	a few seconds ago

Temperature and Humidity Values in Node-Red:

