

## SPRINT - 2

Date	4 November 2022
Team ID	PNT2022TMID21246
Project Name	Project – Smart Farmer- IoT based Smart Farming Application

### OBJECTIVE:

Creating device in the IBM Watson IoT platform, workflow for IoT scenarios using Node-Red

### DEVICE CREATION IN THE IBM WATSON IoT PLATFORM:

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is present, and a 'Device Simulator' toggle is visible. The main content area shows a table of devices, with one device (ID: 123) selected. Below the table, a 'Recent Events' panel displays a stream of data events in JSON format, including status, sm, hum, and temp values. The events are listed with their respective values, formats (json), and last received times (a few seconds ago). A status bar at the bottom indicates '0 Simulations running'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
123	Connected	abcd	Device	Nov 16, 2022 3:22 PM	

Event	Value	Format	Last Received
status	{"sm":57,"hum":12,"temp":64}	json	a few seconds ago
status	{"sm":28,"hum":42,"temp":78}	json	a few seconds ago
status	{"sm":22,"hum":65,"temp":97}	json	a few seconds ago
status	{"sm":80,"hum":65,"temp":93}	json	a few seconds ago
status	{"sm":50,"hum":34,"temp":78}	json	a few seconds ago

## WORKFLOW FOR IoT SCENARIOS USING NODE-RED:

