

# Smart Farmer-IOT Enabled Smart Farming Application

## Project Development Phase

### Sprint Delivery -2

<b>Date</b>	17 November 2022
<b>Team ID</b>	PNT2022TMID16926
<b>Project Name</b>	Smart Farmer-IOT Enabled Smart Farming Application
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# Software:

## 1. Create device in the iot watson platform:

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar labeled 'Search by Device ID' is present. A table lists devices, with one device (ID: 12345) shown in a 'Disconnected' state. The device details panel is open, showing the following information:

Identity	Device Information	Recent Events	State	Logs
Device ID	12345			
Device Type	NodeMCU			
Date Added	Oct 31, 2022 3:32 PM			
Added By	922119106034@smartinternz.com			
Connection Status	Disconnected Last Connected: Nov 8, 2022 6:59 PM Client Address: 216.246.119.62 Insecure Duration: 4 minutes Data Transferred: 15.1 KB			

The bottom of the dashboard shows 'Items per page: 50' and '1 of 1 page'.

IBM Watson IoT Platform

41azth.internetofthings.ibmcloud.com/dashboard/devices/browse

922119106034@smartinternz.com  
ID: 41azth

BrowseActionDevice TypesInterfaces

Add Device

12345DisconnectedNodeMCUDeviceOct 31, 2022 3:32 PM922119106034@smartinternz.com

IdentityDevice InformationRecent EventsStateLogs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"Temperature":75,"Humidity":19}	json	a few seconds ago
event_1	{"Temperature":74,"Humidity":20}	json	a few seconds ago
event_1	{"Temperature":43,"Humidity":43}	json	a few seconds ago
event_1	{"Temperature":50,"Humidity":84}	json	a few seconds ago
event_1	{"Temperature":95,"Humidity":42}	json	a few seconds ago

Items per page 50 | 1–1 of 1 item

1 Simulation running

## 2. Workflow for iot scenarios using local node red:



