

# Smart Farmer-IOT Enabled Smart Farming Application

## Project Development Phase

### Sprint Delivery -2

<b>Date</b>	14 November 2022
<b>Team ID</b>	PNT2022TMID33194
<b>Project Name</b>	Smart Farmer-IOT Enabled Smart Farming Application
<b>Leader Name</b>	Geetha mai A G
<b>Team Members Name</b>	Jayasree M Hemadharshini S Kalpana S Joicy I

# 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 is present with the text 'Search by Device ID'. The main content area shows a table of devices. The first device, ID 12345, is highlighted. Below the table, a detailed view of the selected device is shown, including its identity, device information, recent events, state, and logs. The device is currently disconnected.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By
12345	Disconnected	NodeMCU	Device	Oct 31, 2022 3:32 PM		922119106034@smartinternz.com

  

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			

Items per page: 50 | 1-1 of 1 item

IBM Watson IoT Platform

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

922119106034@smartinternz.com  
ID: 41azth

IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

Add Device

12345

Disconnected

NodeMCU

Device

Oct 31, 2022 3:32 PM

922119106034@smartinternz.com

Identity

Device Information

Recent Events

State

Logs

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

Type here to search

25°C Cloudy

10:08 AM  
14-11-2022

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



