

**Smart Farmer - IOT Enabled Smart Farming
Application
Project Development Phase
Sprint Delivery -2**

Team ID	PNT2022TMID30802
Project Name	Smart Farmer-IOT Enabled Smart Farming Application

Software:

1. Create device in the iot watson platform:

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar labeled 'Search by Device ID' is present. The main content area shows a table with one device entry:

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

Below the table, the 'Identity' tab is selected, showing detailed device information:

- 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 screen shows the Windows taskbar with the search bar, taskbar icons, and system tray information (25°C Cloudy, 10:01 AM, 14-11-2022).

IBM Watson IoT Platform

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

922119106034@smartinternz.com
ID: 41azth

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

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1 Simulation running

2. Workflow for iot scenarios using local node red:



