

Smart Farmer-IOT Enabled Smart Farming Application

Project Development Phase

Sprint Delivery -2

Date	14 November 2022
Team ID	PNT2022TMID23526
Project Name	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 interface. On the left is a dark sidebar with navigation icons. The main content area has a top navigation bar with tabs: 'Browse' (selected), 'Action', 'Device Types', and 'Interfaces'. A blue 'Add Device' button is in the top right. Below the tabs is a search bar labeled 'Search by Device ID' and a 'Device Simulator' toggle. The main area shows a table of devices. One device is listed with ID 12345, status 'Disconnected', and type 'NodeMCU'. Below the table, a detailed view for this device is shown, including fields for Device ID, Device Type, Date Added, Added By, and Connection Status. The Connection Status section shows 'Disconnected' and provides additional details like 'Last Connected', 'Client Address', 'Duration', and 'Data Transferred'. At the bottom, there is a pagination bar showing '1 of 1 page' and a Windows taskbar at the very bottom.

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			

Device Details

Browse Action Device Types Interfaces

12345 Disconnected NodeMCU Device Oct 31, 2022 3:32 PM 922119106034@smartinternz.com → ...

Identity Device Information **Recent Events** State Logs X

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:



