

Smart Farmer-IOT Enabled Smart FarmingApplication

Project Development Phase

Sprint Delivery -2

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 is present with the text 'Search by Device ID'. A table lists devices, with one device selected (ID: 12345). The details panel for this device shows its status as 'Disconnected' and provides various attributes and connection information.

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			

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

Items per page 50 | 1-1 of 1 item

1 Simulation running

Type here to search

25°C Cloudy

ENG

10:08 AM
14-11-2022

2. Workflow for iot scenarios using local node red:



