

SPRINT 2

Team ID	PNT2022TMID33612
Project Name	IoT Based Smart Crop Protection System For Agriculture

Description:

Receiving the data from IOT devices (python script) to IBM Watson IOT platform, hence devices are created and credentials are provided in python script and Output is viewed.

Device Credentials:

Organization ID: awb990

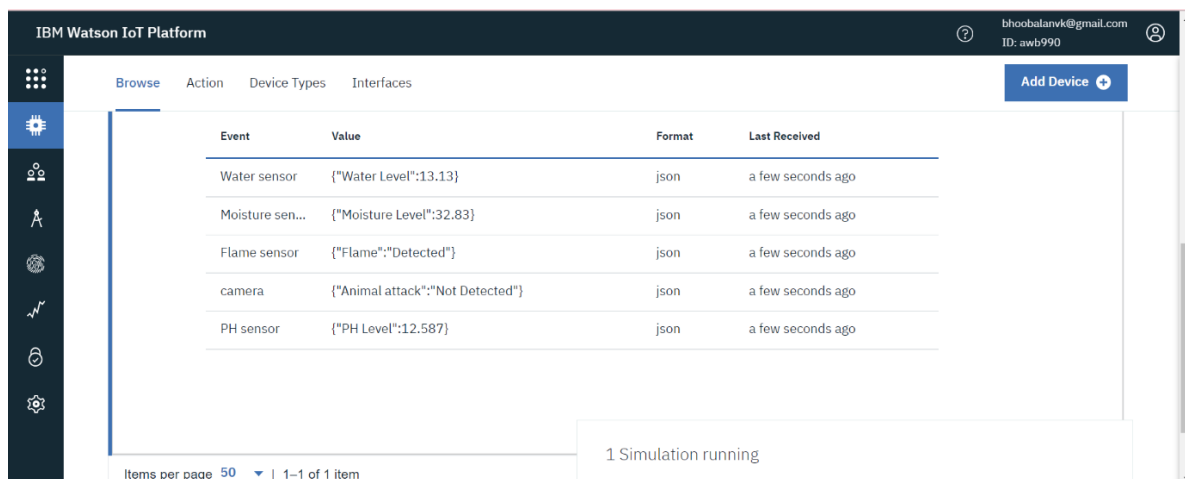
Device Type: Vinotha

Device ID: 12345

Authentication Method: token

Authentication Token: 12345678

Output: IBM IOT Platform:



The screenshot displays the IBM Watson IoT Platform interface. At the top, the header shows the user's email (bhoobalanvk@gmail.com) and ID (awb990). Below the header, there are tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a table with the following data:

Event	Value	Format	Last Received
Water sensor	{"Water Level":13.13}	json	a few seconds ago
Moisture sen...	{"Moisture Level":32.83}	json	a few seconds ago
Flame sensor	{"Flame":"Detected"}	json	a few seconds ago
camera	{"Animal attack":"Not Detected"}	json	a few seconds ago
PH sensor	{"PH Level":12.587}	json	a few seconds ago

At the bottom of the table, there is a status bar indicating '1 Simulation running' and 'Items per page 50 | 1-1 of 1 item'.

IBM Watson IoT Platform

bhoobalanvk@gmail.com
ID: awb990

Browse

Action

Device Types

Interfaces

Add Device +

Event	Value	Format	Last Received
PH sensor	{"PH Level":10.515}	json	a few seconds ago
Temperature ...	{"Temperature":36.18}	json	a few seconds ago
Alert5	{"alert5":"Moisture level(10.35) is low, Irrigation ...	json	a few seconds ago
Alert1	{"alert1":"Temperature(50.67) is high, sprinklerle...	json	a few seconds ago
Water sensor	{"Water Level":13.74}	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

1 Simulation running

IBM Watson IoT Platform

bhoobalanvk@gmail.com
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Browse

Action

Device Types

Interfaces

Add Device +

Event	Value	Format	Last Received
Alert6	{"alert6":"Water level(21.99) is high, so motor is ...	json	a few seconds ago
Alert5	{"alert5":"Moisture level(16.35) is low, Irrigation ...	json	a few seconds ago
Alert2	{"alert2":"Fertilizer PH level(10.515) is not safe,...	json	a few seconds ago
Alert1	{"alert1":"Temperature(36.18) is high, sprinklerle...	json	a few seconds ago
Water sensor	{"Water Level":21.99}	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

1 Simulation running