

Sprint IV Report

Date	18 November 2022
Team ID	PNT2022TMID22873
Project Name	SmartFarmer – IoT Enabled Smart Farming Application

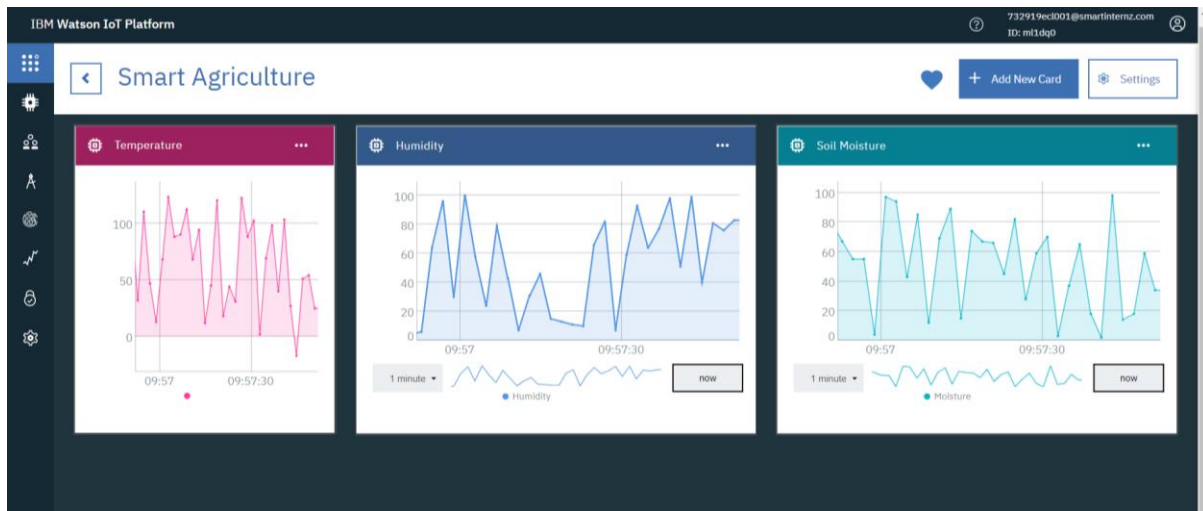
Outputs:

```
>>>
***** RESTART: C:\Users\sathish\Desktop\IBM\src\code.py *****
2022-11-03 19:31:49,958 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: dmlldq0:NodeMCU:12345
Published data Successfully: %s {'Temperature': 6, 'Humidity': 0, 'Moisture': 79}
Published data Successfully: %s {'Temperature': 50, 'Humidity': 11, 'Moisture': 14}
Published data Successfully: %s {'Temperature': 74, 'Humidity': 90, 'Moisture': 73}
Published data Successfully: %s {'Temperature': 12, 'Humidity': 19, 'Moisture': 49}
Published data Successfully: %s {'Temperature': 50, 'Humidity': 56, 'Moisture': 23}
Published data Successfully: %s {'Temperature': 78, 'Humidity': 50, 'Moisture': 81}
Published data Successfully: %s {'Temperature': 113, 'Humidity': 31, 'Moisture': 73}
Published data Successfully: %s {'Temperature': 72, 'Humidity': 77, 'Moisture': 31}
Message received from IBM IOT platform: motoron
Motor is switched on
Published data Successfully: %s {'Temperature': 19, 'Humidity': 59, 'Moisture': 34}
Message received from IBM IOT platform: motoroff
Motor is switched off
Published data Successfully: %s {'Temperature': 83, 'Humidity': 90, 'Moisture': 51}
Published data Successfully: %s {'Temperature': 13, 'Humidity': 12, 'Moisture': 24}
Published data Successfully: %s {'Temperature': 114, 'Humidity': 7, 'Moisture': 79}
Published data Successfully: %s {'Temperature': 112, 'Humidity': 61, 'Moisture': 76}
|
```

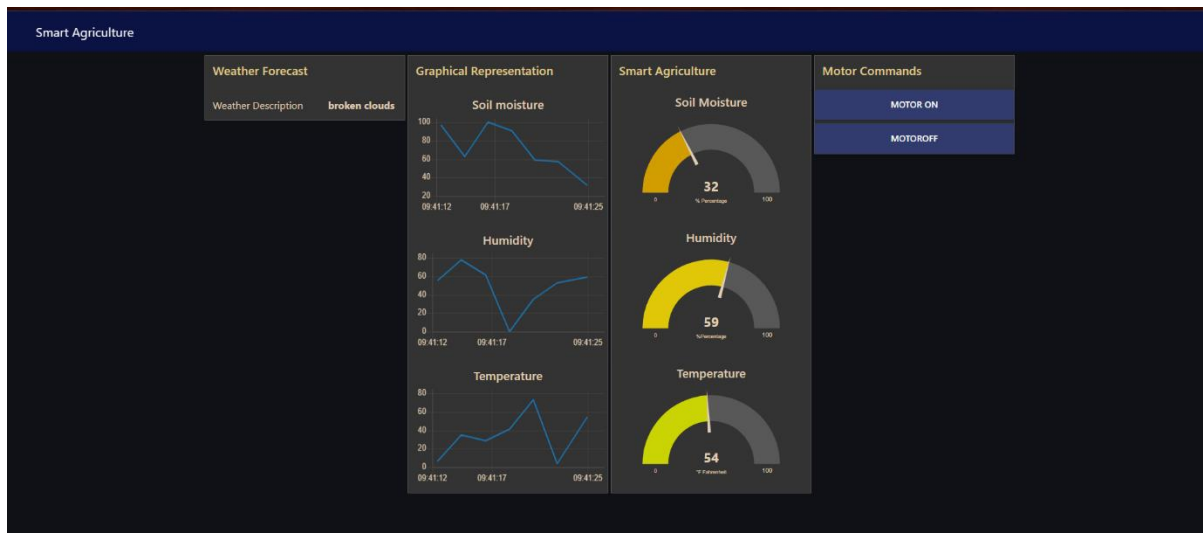
Output from Python

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	
▼	12345	Connected	NodeMCU	Device	Oct 28, 2022 10:06 AM		→ ...
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		
status		{\"Temperature\":57,\"Humidity\":79,\"Moisture\":20}	json		a few seconds ago		
status		{\"Temperature\":62,\"Humidity\":41,\"Moisture\":66}	json		a few seconds ago		
status		{\"Temperature\":-16,\"Humidity\":93,\"Moisture\":26}	json		a few seconds ago		
status		{\"Temperature\":-6,\"Humidity\":39,\"Moisture\":35}	json		a few seconds ago		

Output in IBM IoT Platform



Graphical Representation in IBM Watson Platform



Output in Web Application

All kind of test cases are passed and the outputs are completely given.