

Sprint-2

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Project Name: IoT Based Smart Crop Protection System for Agriculture

Source code is deployed on IBM Watson IoT platform to generate sensor data.

Source Code:

```
{  
  
  "temperature": random(0, 100),  
  "humidity": random(0, 100),  
  "moisture": random(0, 100),  
  " animalDetected ":random(0,2)  
}
```

Output:

The screenshot displays the IBM Watson IoT Platform interface. The main dashboard shows a table of recent events for a device with ID 12345678. The events are listed in a table with columns: Event, Value, Format, and Last Received. The events are generated every minute and contain random sensor data for temperature, humidity, and moisture.

Event	Value	Format	Last Received
event_1	{"temperature":56,"humidity":2,"moisture":77}	json	a few seconds ago
event_1	{"temperature":42,"humidity":72,"moisture":29}	json	a few seconds ago
event_1	{"temperature":61,"humidity":45,"moisture":16}	json	a few seconds ago
event_1	{"temperature":25,"humidity":76,"moisture":96}	json	a few seconds ago
event_1	{"temperature":27,"humidity":23,"moisture":52}	json	a few seconds ago

A modal window is open for configuring the device type 'ibm'. It shows the 'Events' section with a table of event types. The 'event_1' type is selected, and its payload is configured to generate random sensor data every minute.

Event type name	Schedule	Payload
event_1	Every Minute	{ 1 "temperature": random(0, 100) 2 "humidity": random(0, 100) 3 "moisture": random(0, 100) }