

Sprint-2

Team ID: PNT2022TMID1422

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:

```
{  
    "temp": random(90,110),  
    "Humid": random(60,100),  
    "Moist": random(0, 100),  
    "animal_dect":random(0,2)  
}
```

Output:

The screenshot displays the IBM Watson IoT Platform interface. The main dashboard shows a list of recent events for a device named 'abcd'. The events are listed in a table with columns 'Event' and 'Value'. The events are generated by an 'IoTSensor' and contain random values for temperature, humidity, moisture, and animal detection.

Event	Value
IoTSensor	{"temp":91,"Humid":67,"Moist":25,"Animal_dect":...}
IoTSensor	{"temp":102,"Humid":78,"Moist":92,"Animal_dect":...}
IoTSensor	{"temp":106,"Humid":69,"Moist":25,"Animal_dect":...}
IoTSensor	{"temp":92,"Humid":79,"Moist":82,"Animal_dect":...}

A configuration window is open on the right, showing the 'Event type name' as 'event_1'. The 'Schedule' is set to 'Every Minute' with a delay of '20'. The 'Payload' is defined as a JSON object with random values for temperature, humidity, moisture, and animal detection.

```
{  
  "temp": random(90,110),  
  "Humid": random(60,100),  
  "Moist": random(0,100),  
  "Animal_dect": random(0,2)  
}
```