

Project Development Phase
Sprint-2

Date	16 November 2022
Team ID	PNT2022TMID22484
Project Name	Industry Specific-Intelligent Fire Management System
Maximum Marks	2

```
#include "DHT.h"
```

```
#define DHTPIN 2
```

```
#define DHTTYPE DHT22
```

```
DHT dht(DHTPIN, DHTTYPE);
```

```
void setup() {
```

```
    Serial.begin(9600);
```

```
    dht.begin();
```

```
}
```

```
void loop() {
```

```
    delay(1000);
```

```
    float h = dht.readHumidity();
```

```
    float t = dht.readTemperature();
```

```
    if (isnan(h) || isnan(t) || isnan(f)) {
```

```
        Serial.println("Failed to read from DHT sensor!");
```

```
        return;
```

```
    }
```

```
    Serial.print("Humidity: ");
```

```
    Serial.print(h);
```

```

Serial.print(" %\t");

Serial.print("Temperature: ");

Serial.print(t);

}

```

DATA TO IBM CLOUD:

The screenshot shows the IBM Watson IoT Platform dashboard. The top navigation bar includes links for Browse, Action, Device Types, and Interfaces. A search bar is present for searching by Device ID. The main content area displays a table of devices, with one device (ID 1234) selected. Below the table, the 'Recent Events' tab is active, showing a list of events received from the device.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By
1234	Connected	abod	Device	Nov 11, 2022 7:22 PM		311519106053@smartinternz.com

Event	Value	Format	Last Received
Data	{"gaslevel":40,"flamelevel":3}	json	a few seconds ago
Data	{"gaslevel":40,"flamelevel":3}	json	a few seconds ago
Data	{"gaslevel":40,"flamelevel":3}	json	a few seconds ago