

SPRINT-4

DEVELOP A WEB APPLICATION USING NODE-RED SERVICES

TEAM ID	PNT2022TMID24852
PROJECT TITLE	IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE
DATE	18 NOVEMBER 2022

STEP 1: Open IBM WATSON

The screenshot displays the IBM Watson IoT Platform interface. On the left, a sidebar contains navigation icons. The main area shows a table of devices with columns: Device ID, Status, Device Type, Class ID, and Date. Two devices are listed: 2735 (RaspberryPi) and 6880 (abcd). The device 6880 is selected, and its details are shown in a modal window. The modal window has tabs for Identity, Device Information, Recent Events, State, and Logs. The Device Information tab is active, showing details for device 6880, including its type (abcd), date added (Nov 14, 2022 7:06 PM), added by (si2022ibm01742@smartintemz.com), and connection status (Disconnected). On the right, a configuration window for 'Device Type: abcd' is open, showing event configuration. It includes a 'New event type' button, a 'Send' button, and a 'Schedule' section set to 'Every Minute'. The 'Payload' section contains a JSON object with random values for 'randomnumber', 'temp', and 'hum'. At the bottom, there is an 'Upload a CSV file' button and 'Cancel' and 'Save' buttons.

Device ID	Status	Device Type	Class ID	Date
2735	Disconnected	RaspberryPi	Device	Nov 14, 2022 7:06 PM
6880	Disconnected	abcd	Device	Nov 14, 2022 7:06 PM

Items per page: 50 | 1-2 of 2 items

Device Type: abcd

Events: 1

Event type name: event_1

Schedule: 1 Every Minute

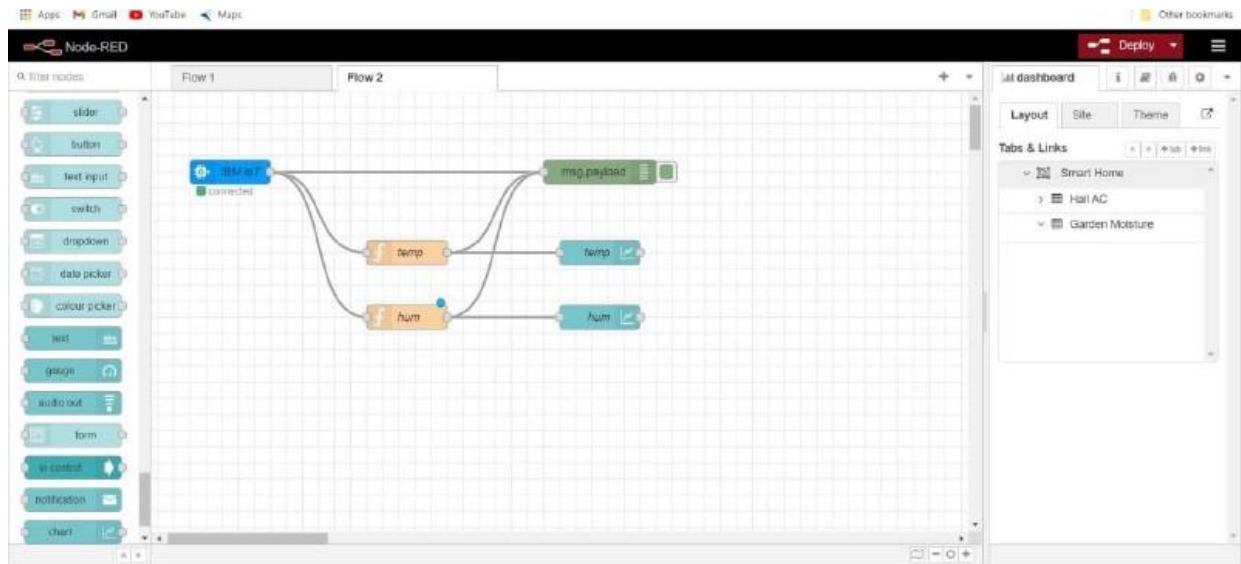
Payload:

```
{
  "randomnumber": random(0, 100),
  "temp": random(90, 110),
  "hum": random(40, 100)
}
```

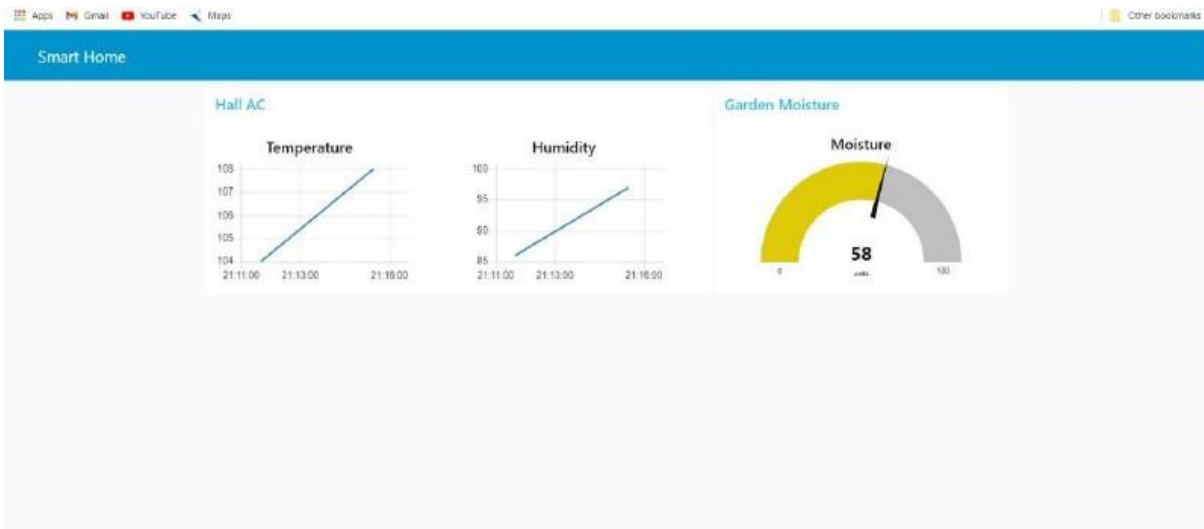
Upload a CSV file

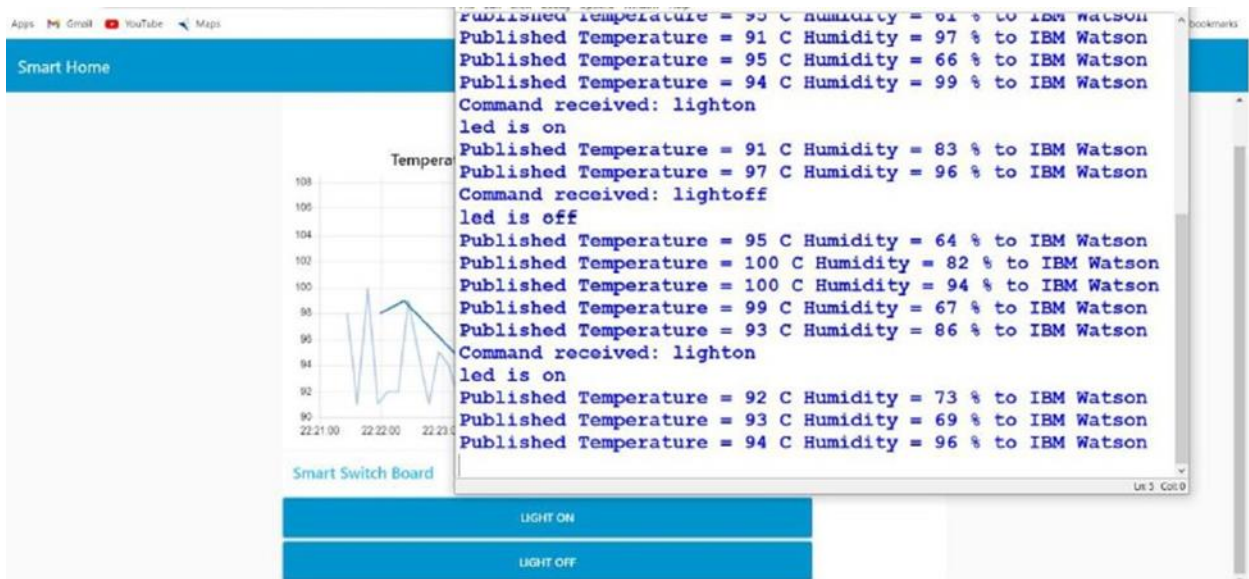
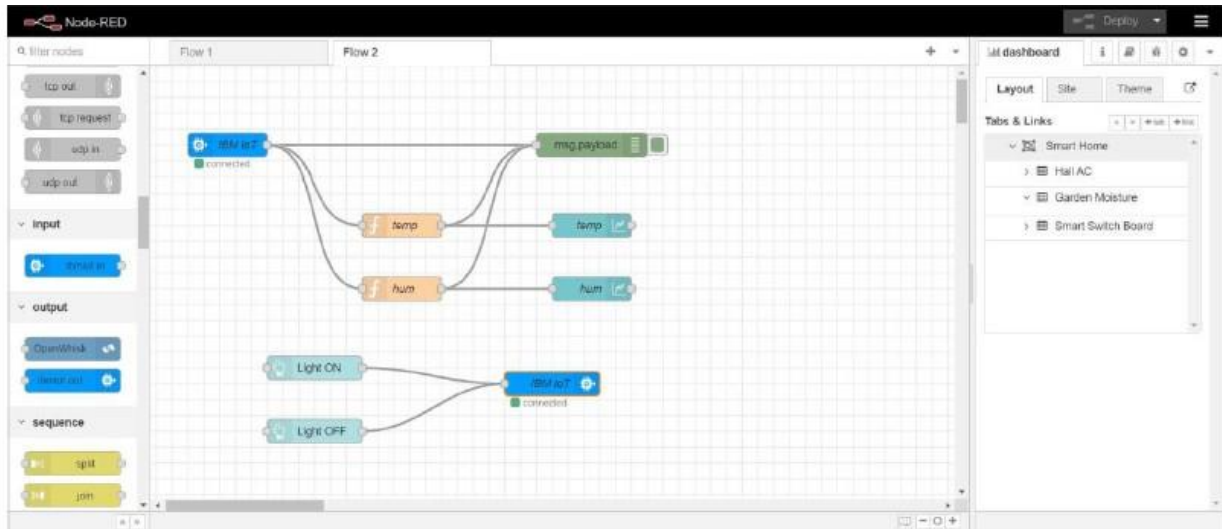
Cancel Save

STEP 2: Open Node RED

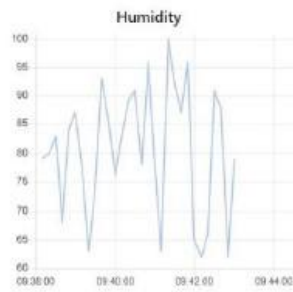
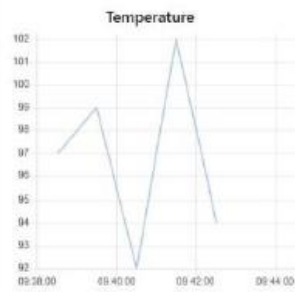


STEP 3: Get OUTPUT





Smart Home



Smart Switch Board

LIGHT ON

LIGHT OFF