

SPRINT – 4

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TEAM ID	PNT2022TMID31031
PROJECT NAME	SMART WASTE MANAGEMENT FOR METROPOLITAN CITIES-IOT

WOWKI OUTPUT :

The screenshot displays the Wokwi IDE interface. On the left, the Arduino code is visible, which includes headers for WiFi, MQTT, and an LCD. It defines constants for the IBM organization ID, device type, device ID, and token. The code sets up the WiFi client, MQTT client, and LCD display. The main loop sends sensor data (temperature, humidity, and weight) to the cloud and updates the LCD display. On the right, the simulation shows the physical components of the IoT device, including the ESP32 board, a WiFi module, an LCD display, and various sensors. The status bar at the bottom indicates that the device is connected to WiFi and sending data to the IBM Watson IoT Platform.

The screenshot shows the IBM Watson IoT Platform dashboard. The main view displays a list of devices, with the device '1234' highlighted. The device is of type 'abcd' and is currently disconnected. A modal window is open for configuring a new event type. The event type name is 'eventbatch11'. The schedule is set to 'Every Minute'. The payload is a JSON object containing random values for 'level' and 'weight'. The dashboard also shows the recent events listed, which are the live stream of data coming and going from this device.

