```json
[
    {
        "id": "1a4aa9651b5c36b4",
        "type": "tab",
        "label": "Flow 1",
        "disabled": false,
        "info": "",
        "env": []
    },
    {
        "id": "7e0a502b7f03c197",
        "type": "ibmiot in",
        "z": "1a4aa9651b5c36b4",
        "authentication": "apiKey",
        "apiKey": "aa8d4a368e47438c",
        "inputType": "evt",
        "logicalInterface": "",
        "ruleId": "",
        "deviceId": "",
        "applicationId": "",
        "deviceType": "+",
        "eventType": "+",
        "commandType": "",
        "format": "json",
        "name": "IBM IoT",
        "service": "registered",
        "allDevices": "",
        "allApplications": "",
        "allDeviceTypes": true,
        "allLogicalInterfaces": "",
        "allEvents": true,
        "allCommands": "",
        "allFormats": "",
        "qos": 0,
        "x": 170,
        "y": 100,
        "wires": [
            [
                "fabf0df3e3f559d3",
                "ae489438fb0552b0",
                "23eb324e729c889c",
                "2ce34a807bbaf2f7"
            ]
        ]
    },
    {
        "id": "6546e9371fd457d3",
        "type": "http in",
        "z": "1a4aa9651b5c36b4",
        "name": "",
        "url": "/sensor",
        "method": "get",
        "upload": false,
        "swaggerDoc": "",
        "x": 150,
```

```
        "y": 300,
        "wires": [
            [
                "5b6b322b117865fa"
            ]
        ]
    },
    {
        "id": "fabf0df3e3f559d3",
        "type": "debug",
        "z": "1a4aa9651b5c36b4",
        "name": "",
        "active": true,
        "tosidebar": true,
        "console": false,
        "tostatus": false,
        "complete": "payload",
        "targetType": "msg",
        "statusVal": "",
        "statusType": "auto",
        "x": 630,
        "y": 100,
        "wires": []
    },
    {
        "id": "40fbce9c38be6922",
        "type": "http response",
        "z": "1a4aa9651b5c36b4",
        "name": "",
        "statusCode": "",
        "headers": {},
        "x": 630,
        "y": 280,
        "wires": []
    },
    {
        "id": "ae489438fb0552b0",
        "type": "function",
        "z": "1a4aa9651b5c36b4",
        "name": "Bin level",
        "func": "msg.payload=msg.payload.Bin_level\nglobal.set('l',msg.payload)\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 460,
        "y": 140,
        "wires": [
            [
                "e9d4038c2bce85d4"
            ]
        ]
    },
    {
```

```
    "id": "23eb324e729c889c",
    "type": "function",
    "z": "1a4aa9651b5c36b4",
    "name": "Bin Weight",
    "func": "msg.payload=msg.payload.Bin_Weight\nglobal.set('w',msg.payload)\nreturn msg;",
    "outputs": 1,
    "noerr": 0,
    "initialize": "",
    "finalize": "",
    "libs": [],
    "x": 470,
    "y": 200,
    "wires": [
      [
        "2e836a45e710ed00"
      ]
    ]
  },
  {
    "id": "e9d4038c2bce85d4",
    "type": "ui_gauge",
    "z": "1a4aa9651b5c36b4",
    "name": "",
    "group": "fe600b83e4b7bf6b",
    "order": 1,
    "width": 8,
    "height": 6,
    "gtype": "gage",
    "title": "Bin level ",
    "label": "cms",
    "format": "{{value}}",
    "min": 0,
    "max": "10",
    "colors": [
      "#00b500",
      "#e6e600",
      "#ca3838"
    ],
    "seg1": "",
    "seg2": "",
    "className": "",
    "x": 820,
    "y": 140,
    "wires": []
  },
  {
    "id": "2e836a45e710ed00",
    "type": "ui_gauge",
    "z": "1a4aa9651b5c36b4",
    "name": "",
    "group": "f67275fd8d214d17",
    "order": 1,
    "width": 8,
    "height": 6,
    "gtype": "gage",
```

```json
        "title": "Bin Weight",
        "label": "kg",
        "format": "{{value}}",
        "min": 0,
        "max": "100",
        "colors": [
            "#00b500",
            "#e6e600",
            "#ca3838"
        ],
        "seg1": "",
        "seg2": "",
        "className": "",
        "x": 830,
        "y": 200,
        "wires": []
    },
    {
        "id": "2ce34a807bbaf2f7",
        "type": "cloudant out",
        "z": "1a4aa9651b5c36b4",
        "name": "",
        "cloudant": "2a99f9ef87eb882e",
        "database": "waste",
        "service": "_ext_",
        "payonly": false,
        "operation": "insert",
        "x": 390,
        "y": 60,
        "wires": []
    },
    {
        "id": "5b6b322b117865fa",
        "type": "function",
        "z": "1a4aa9651b5c36b4",
        "name": "function 1",
        "func": "msg.payload =global.set(\"l\",msg.payload.Bin_level)\nmsg.payload =global.set(\"w\",msg.payload.Bin_weight)\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 380,
        "y": 300,
        "wires": [
            [
                "40fbce9c38be6922"
            ]
        ]
    },
    {
        "id": "c4896492eab90c31",
        "type": "cloudant out",
        "z": "1a4aa9651b5c36b4",
```

```json
        "name": "",
        "cloudant": "2a99f9ef87eb882e",
        "database": "data",
        "service": "_ext_",
        "payonly": false,
        "operation": "insert",
        "x": 670,
        "y": 420,
        "wires": []
    },
    {
        "id": "8164149f790aef6d",
        "type": "function",
        "z": "1a4aa9651b5c36b4",
        "name": "",
        "func": "\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 440,
        "y": 360,
        "wires": [
            [
                "c4896492eab90c31",
                "a161f18baa06adcf"
            ]
        ]
    },
    {
        "id": "a161f18baa06adcf",
        "type": "debug",
        "z": "1a4aa9651b5c36b4",
        "name": "",
        "active": true,
        "tosidebar": true,
        "console": false,
        "tostatus": false,
        "complete": "false",
        "statusVal": "",
        "statusType": "auto",
        "x": 710,
        "y": 340,
        "wires": []
    },
    {
        "id": "5d625bd1fb694052",
        "type": "ui_form",
        "z": "1a4aa9651b5c36b4",
        "name": "",
        "label": "",
        "group": "d49c7fd5daef1284",
        "order": 1,
        "width": 0,
```

```
      "height": 0,
      "options": [
        {
          "label": "E mail",
          "value": "E mail",
          "type": "email",
          "required": true,
          "rows": null
        },
        {
          "label": "Password",
          "value": "password",
          "type": "password",
          "required": false,
          "rows": null
        }
      ],
      "formValue": {
        "E mail": "",
        "password": ""
      },
      "payload": "",
      "submit": "submit",
      "cancel": "",
      "topic": "topic",
      "topicType": "msg",
      "splitLayout": "",
      "className": "",
      "x": 210,
      "y": 380,
      "wires": [
        [
          "8164149f790aef6d"
        ]
      ]
    },
    {
      "id": "4a9d6d96b5686399",
      "type": "ui_spacer",
      "z": "1a4aa9651b5c36b4",
      "name": "spacer",
      "group": "7217321cda89938f",
      "order": 3,
      "width": 1,
      "height": 1
    },
    {
      "id": "aa8d4a368e47438c",
      "type": "ibmiot",
      "name": "IBMIOT APIKEY",
      "keepalive": "60",
      "serverName": "",
      "cleansession": true,
      "appId": "",
      "shared": false
```

```
    },
    {
        "id": "fe600b83e4b7bf6b",
        "type": "ui_group",
        "name": "",
        "tab": "cdf5df09aa90392e",
        "order": 1,
        "disp": true,
        "width": 8,
        "collapse": false,
        "className": ""
    },
    {
        "id": "f67275fd8d214d17",
        "type": "ui_group",
        "name": "",
        "tab": "cdf5df09aa90392e",
        "order": 2,
        "disp": true,
        "width": 8,
        "collapse": false,
        "className": ""
    },
    {
        "id": "2a99f9ef87eb882e",
        "type": "cloudant",
        "host": "https://apikey-v2-1y84y4t2b6pgwz4gv9wla17wf4iju65o0ux376e5m91p:3d002efa423dd35e65f958665
2db621e@6615375e-9964-4098-8792-e91e20c8b691-bluemix.cloudantnosqldb.appdomain.cloud",
        "name": ""
    },
    {
        "id": "d49c7fd5daef1284",
        "type": "ui_group",
        "name": "",
        "tab": "4c6becefbdb09f6e",
        "order": 1,
        "disp": true,
        "width": 11,
        "collapse": false,
        "className": "dropdown"
    },
    {
        "id": "cdf5df09aa90392e",
        "type": "ui_tab",
        "name": "Bin Status",
        "icon": "dashboard",
        "order": 2,
        "disabled": false,
        "hidden": false
    },
    {
        "id": "4c6becefbdb09f6e",
        "type": "ui_tab",
        "name": "Login",
        "icon": "dashboard",
```

```
      "order": 1,
      "disabled": false,
      "hidden": false
   }
]
```