# **Admin Dashboard User Guide**

## **1. Accessing the Admin Dashboard**

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* **URL:** <https://cms.wehlo.rwebcloud.app/>
* **Login Credentials:**
  + **Username:** Supplied by your system integrator or platform administrator.
  + **Password:** Set during the initial system configuration. If forgotten, contact your administrator to reset it.

**Note:** Ensure you are accessing the platform over a secure network. Unauthorized access attempts may result in account lockout or IP blocking.

## **2. Serial Keys Management**

### ****2.1 Add New Serial Key****

To generate and assign a new serial key:

1. Navigate to the **SERIAL KEYS** menu.

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1. Click on **ADD NEW SERIAL KEY**.
2. Fill out the following fields:
   * **Device UUID:** Input the unique identifier of the device that the key will be linked to.
   * **Serial Key:** This field is **auto-generated** by the system. No need to manually enter.
   * **Expiry Date:** Automatically set to expire **1 year** from the date of creation.
3. Click the **Save** button to finalize the creation of the serial key.

**Tip:** Verify that the UUID corresponds to an existing registered device to avoid future sync issues.

### ****2.2 Update Existing Serial Key****

To modify an existing serial key:

1. Navigate to **SERIAL KEYS** > locate the target key and click **ACTION > EDIT**.

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1. In the **Edit Serial Key** window:
   * **Device UUID:** You can update the linked UUID if the serial key needs to be reassigned to a different device.

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1. Click **Update** to save your changes.

## **3. Device Management**

### ****3.1 Add a New Device****

To register a new device into the CMS:

1. Go to **DEVICES** > **ADD NEW DEVICE**.

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1. Enter the following details:
   * **UUID:** Automatically generated by the system.
   * **Longitude and Latitude:** Accurate geolocation of the device. Use decimal degrees (e.g., 14.5995, 120.9842).
   * **Region:** Select from the predefined regional options.
   * **Province:** Enter the province where the device is physically located.
   * **City:** Input the corresponding city or municipality.
   * **Barangay:** Enter the specific barangay for granular location tagging.

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1. Click **Save** to register the new device.

**Note:** Accurate location tagging is essential for mapping, monitoring, and client-specific data presentation.

### ****3.2 Update Existing Device Information****

To edit or correct device information:

1. Navigate to **DEVICES**, locate the relevant device, and click **ACTION > EDIT**.
2. In the edit form, update any of the following:
   * **UUID** (auto-generated)
   * **Longitude**
   * **Latitude**
   * **Region**
   * **Province**
   * **City**
   * **Barangay**

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1. Click **Update** to apply changes.

### ****3.3 View Device Details****

To view more detailed information about a registered device:

1. Navigate to **DEVICES**, then click **ACTION > VIEW** on the desired device.

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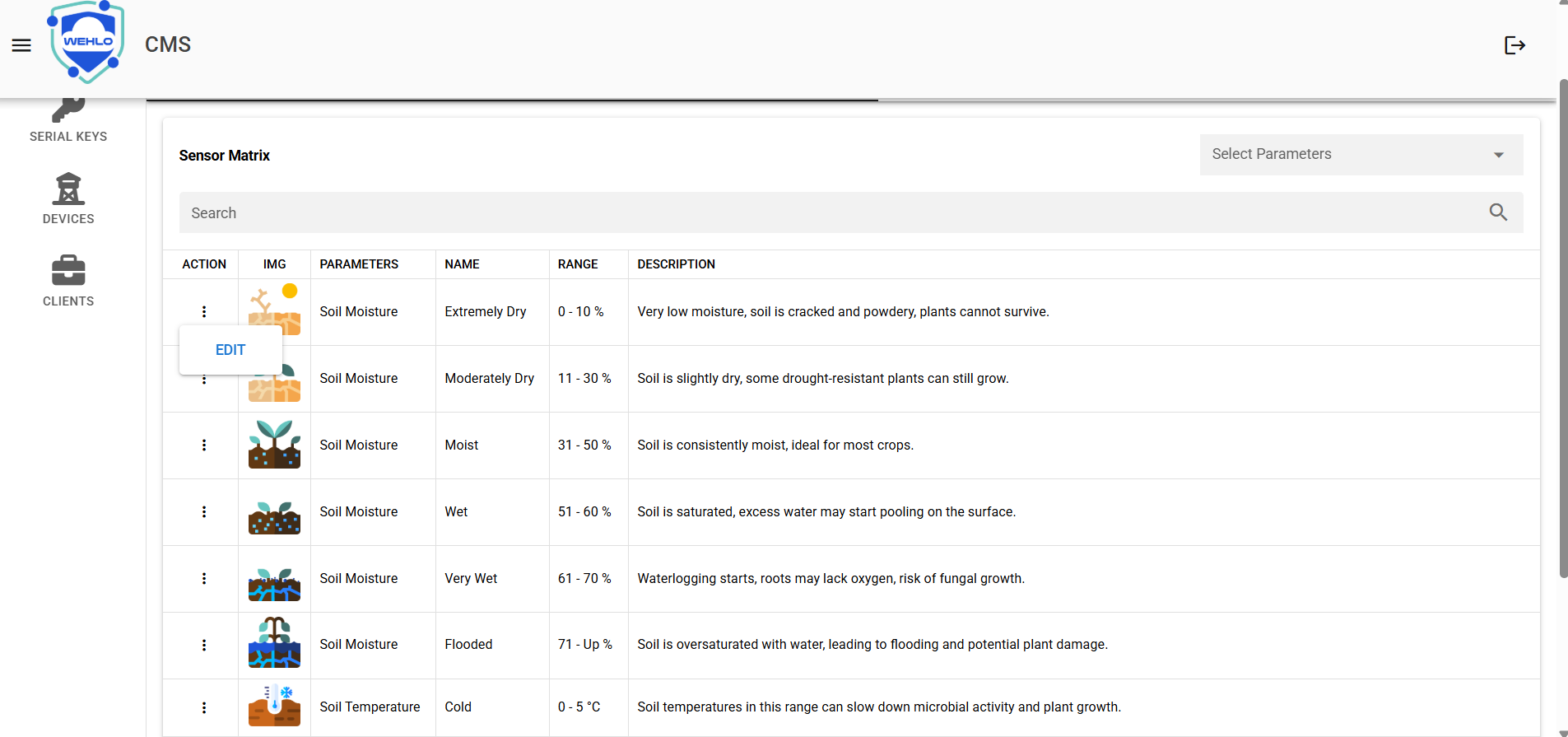
1. You will be redirected to a detailed view page, which includes two primary tabs:

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#### **A. Sensor Matrix Tab**

* Displays a grid of sensors and their configurations.
* Each sensor entry includes:
  + **Default Parameter**
  + **Name**
  + **Range**
  + **Description**
  + **Action to edit**



* Click the **Edit** button to modify sensor parameters as needed.

#### **B. Clients Tab**

* Shows a list of clients associated with the selected device.

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* Each client has an **ACTION > VIEW** option:
  + This tab displays a **list of clients** associated with the currently selected device.
  + Each client entry includes an ACTION > VIEW button that opens a dedicated configuration interface for that specific client.
* Client View Interface:

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* + Upon clicking **VIEW**, you will be redirected to a client-specific configuration page. This page contains **three sub-tabs** that allow for detailed control and customization per client:  
    1. **Sensors Tab**

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* Displays all **available sensors or attributes** that the selected device can detect.
* Each sensor is represented as a **toggle switch**, allowing you to:
  + **Enable** or **disable** the sensor for the selected client.
  + Control which specific sensor data the client can view or interact with.
* Only **enabled attributes** will appear on the **client's dashboard/interface**.

**Example:** If a client only subscribes to temperature and humidity monitoring, you can disable other sensors like gas detection or air quality monitoring.

* + 1. **Devices Tab**

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* Lists all **devices assigned** to the client.
* Useful for managing which devices are accessible to each client.
* Allows to remove devices.
  + 1. **User Management Tab**

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* Manages **individual user accounts** under the selected client.
* Each user record includes:
  + **Full Name**
  + **Email Address**
  + **User Role**
  + **Region**
  + **Province**
  + **City**
  + **Barangay**

**Security Tip:** Assign the appropriate roles based on the user's responsibility to maintain system integrity and data access control.

## **4. Client Management**

To register a new client in the Client Management System (CMS), follow these steps:

1. Navigate to **CLIENTS**

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1. Click on ADD NEW CLIENT.
2. Fill in the required details, such as:
   * Name.
3. Click SAVE to register the client.

**Editing an Existing Client**

All registered clients can be updated at any time. To edit a client:

1. Go to **CLIENTS** from the main menu.
2. Locate the client you want to edit using the search or filter options.
3. Click the **ACTION > EDIT** next to the client’s name.

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1. Update the necessary fields, then click **UPDATE** to save changes.

🔒 **Note:** Only users with appropriate permissions can edit client records.