

AssetPulse – User Manual

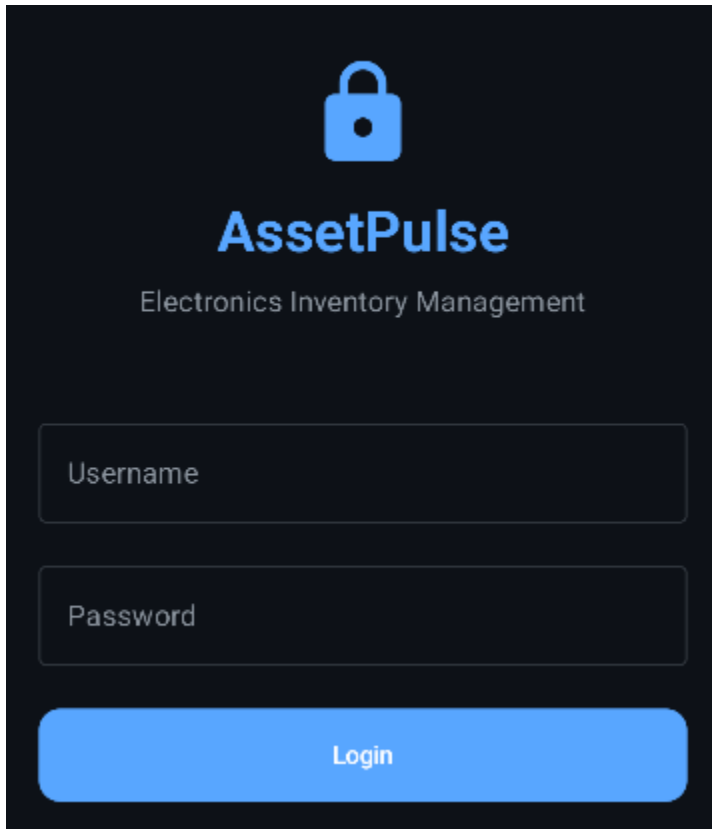
This manual provides instructions on how to use the AssetPulse application. It covers all features available in the app, including device management, user administration and profile settings.

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Login In

1. Open the AssetPulse application. The login screen will appear.

The image shows the login screen of the AssetPulse application. It has a dark blue background. At the top center is a white padlock icon. Below it, the text "AssetPulse" is written in a large, bold, white font. Underneath that, "Electronics Inventory Management" is written in a smaller, white font. There are two white input fields: the top one is labeled "Username" and the bottom one is labeled "Password". At the bottom center is a large, rounded rectangular button with a blue gradient, labeled "Login" in white text.

2. Enter your credentials. The following accounts are available by default:
 - a. **Admin account** – Username: **admin** / Password: **admin**
 - b. **Regular user account** – Username: **jdoe** / Password: **password**Admin users have full access to all features, including user management. Regular users can view and manage assets but cannot access the Users section.
3. Tap **Login** to access the application.

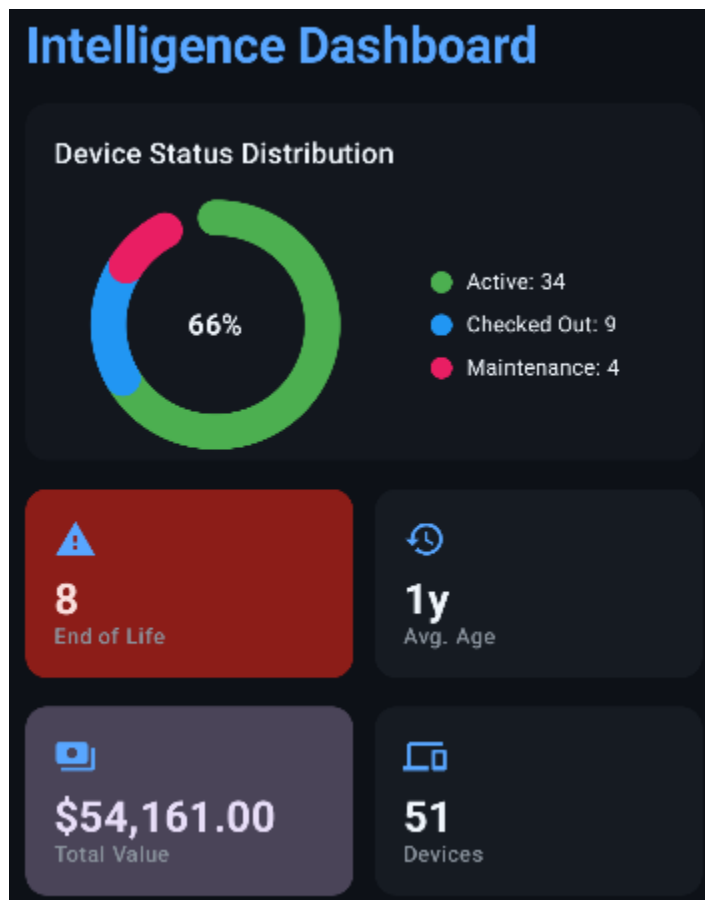
Dashboard

After logging in, the Dashboard provides a high-level overview of all assets in the system. It is divided into two main sections:

Intelligence Dashboard

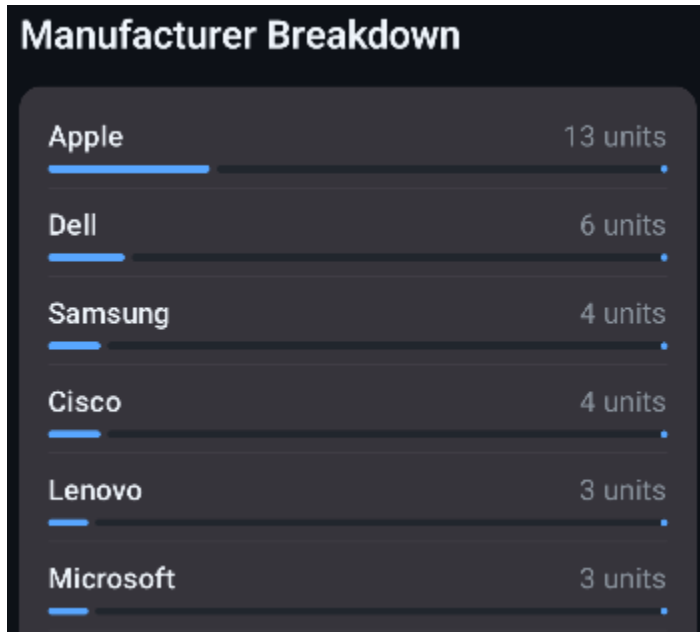
The top section displays key metrics at a glance:

- **Device Status Distribution** – A donut chart showing how many assets are Active, Checked Out, and in Maintenance.
- **End of Life** – The number of assets that have passed their end-of-life date. Tapping this card navigates to the Devices screen filtered by those assets.
- **Avg. Age** – The average age of all assets in the system.
- **Total Value** – The combined value of all assets.
- **Devices** – The total number of assets. Tapping this card navigates to the full Devices list.



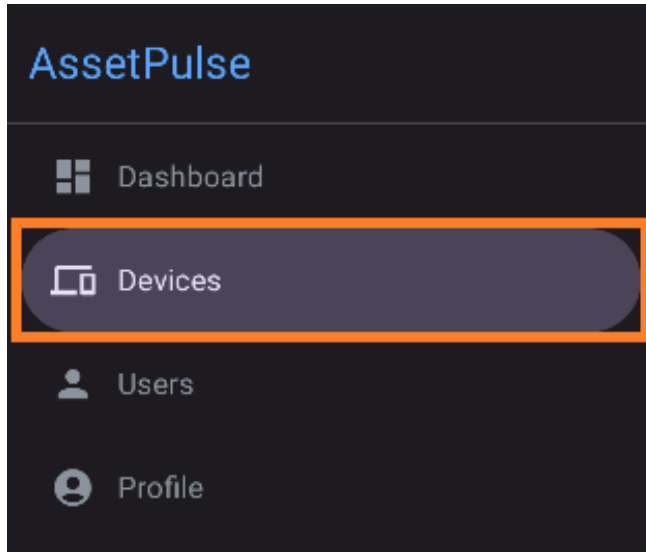
Manufacturer Breakdown

Below the metrics, a breakdown lists every manufacturer and how many devices belong to each. Tapping a manufacturer navigates to the Devices screen filtered by that manufacturer.



Devices

To access the Devices screen, tap the **hamburger menu** (≡) in the top-left corner and select **Devices** from the navigation drawer.



The Devices screen displays all assets in the system. From here you can search, filter, add, edit, delete and check in/out assets.

Searching and Filtering

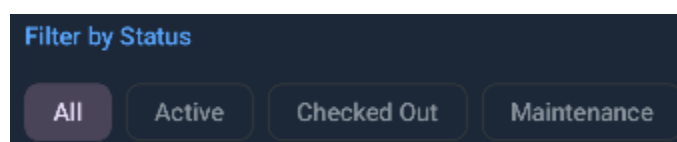
- Use the **Search** bar at the top to search devices by name.



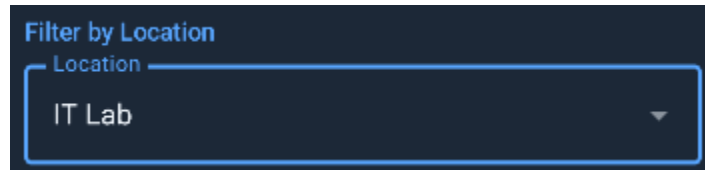
- Tap the **filter icon** to reveal filtering options:



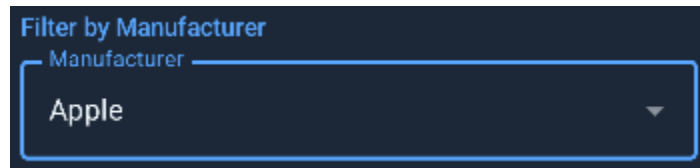
- **Filter by Status** – All, Active, Checked Out, or Maintenance.



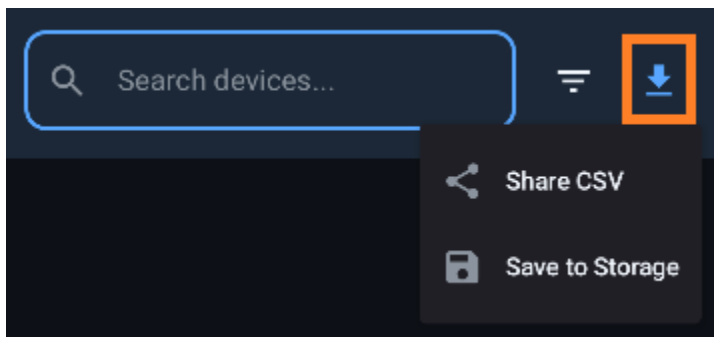
- **Filter by Location** – Select from a dropdown of all available locations.



- **Filter by Manufacturer** – Select from a dropdown of all manufacturers.

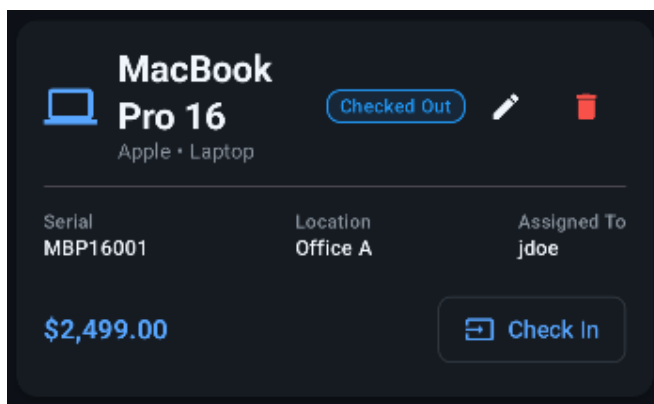


- Tap the **download icon** to export all assets as a CSV file.



Device Cards

Each device is displayed as a card showing:



- Device name, manufacturer and type
- Status badge (Active, Checked Out, Maintenance or Retired)
- Serial number, location and assigned user (if checked out)
- Value

- **Edit** (pencil icon) and **Delete** (trash icon) buttons
- **Check In** or **Check Out** button depending on the current status

Adding a Device

1. Tap the + button in the bottom-right corner of the Devices screen.



2. The Add Device form will appear. Fill in the following fields:

Add Device

Device Name

Make (e.g. Apple)

Device Type
Laptop

Serial Number

Asset ID Number

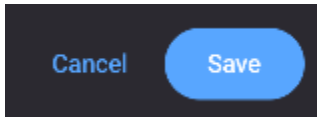
Location

Value (\$)

Cancel Save

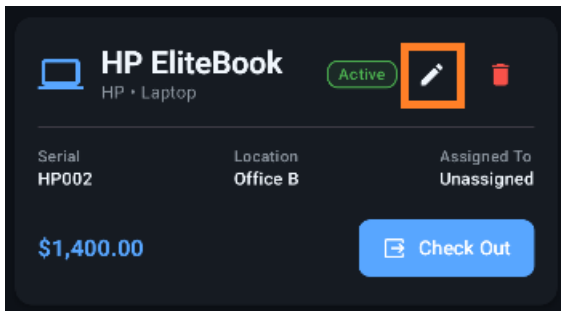
- **Device Name** – Name of the device (e.g., "MacBook Pro 16")
- **Make** – Manufacturer (e.g., "Apple", "Dell")
- **Device Type** – Select from the dropdown (e.g., Laptop, Smartphone, Tablet)
- **Serial Number** – The device's serial number

- **Asset ID Number** – An optional internal ID
 - **Location** – Where the device is located
 - **Value (\$)** – The monetary value of the device
3. Tap **Save** to add the device or **Cancel** to discard.



Editing a Device

1. On the device card, tap the **pencil icon** to open the Edit Device form.



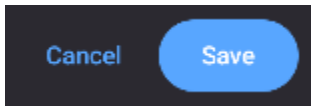
2. The form will be pre-filled with the device's current information. Modify any fields as needed.

The 'Edit Device' form is shown with the following fields:

- Device Name: HP EliteBook
- Make (e.g. Apple): HP
- Device Type: Laptop (dropdown menu)
- Serial Number: HP002
- Asset ID Number: (empty field)
- Location: Office B
- Value (\$): 1400.0 (with a slider control)

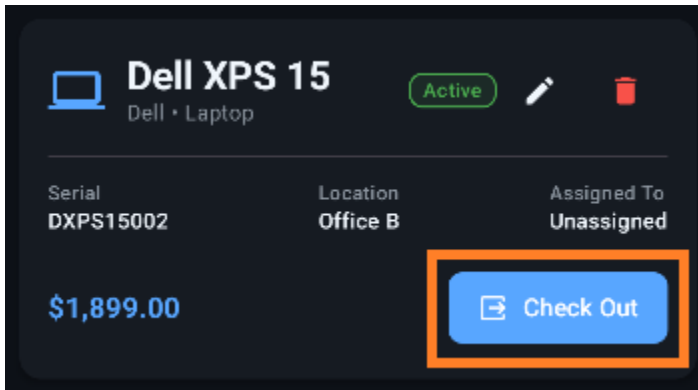
At the bottom are 'Cancel' and 'Save' buttons.

3. Tap **Save** to apply the changes or **Cancel** to discard.

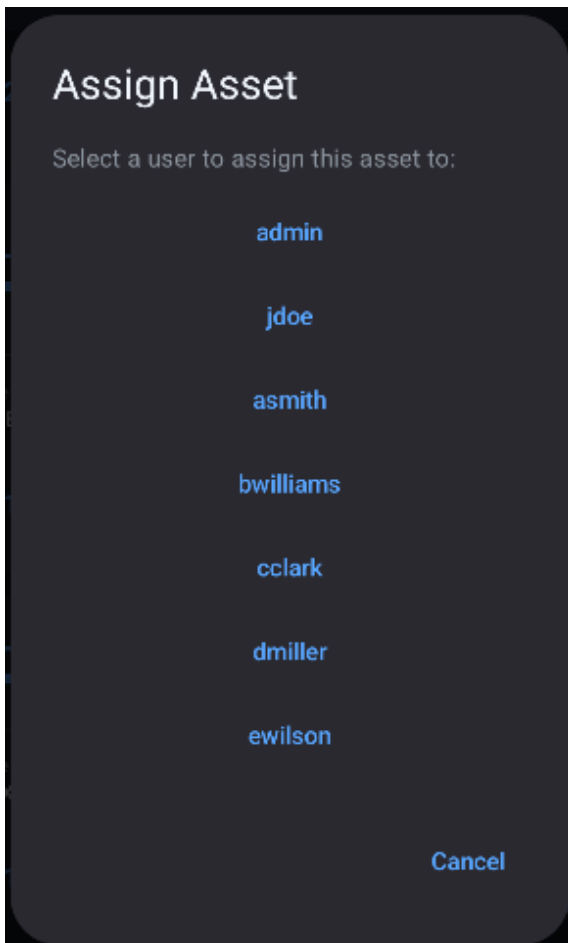


Checking Out a Device

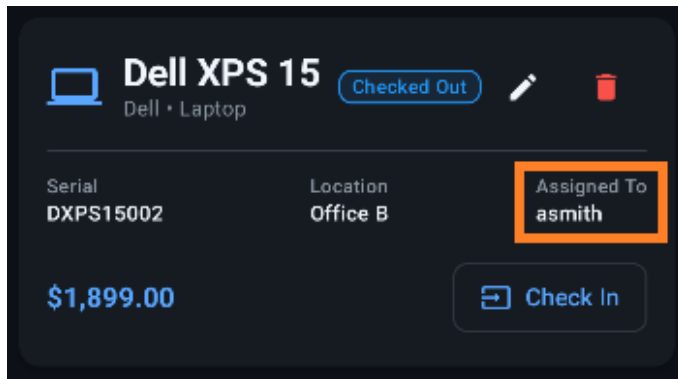
1. On an Active device card, tap the **Check Out** button.



2. The Assign Asset dialog will appear, listing all available users. Select the user you want to assign the device to.

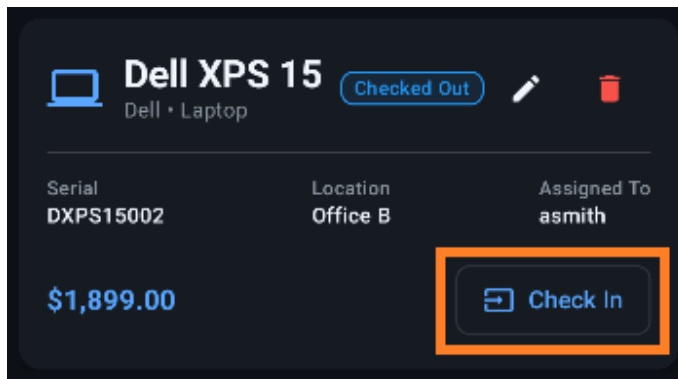


3. The device status will change to "Checked Out" and will show the assigned user on the card.

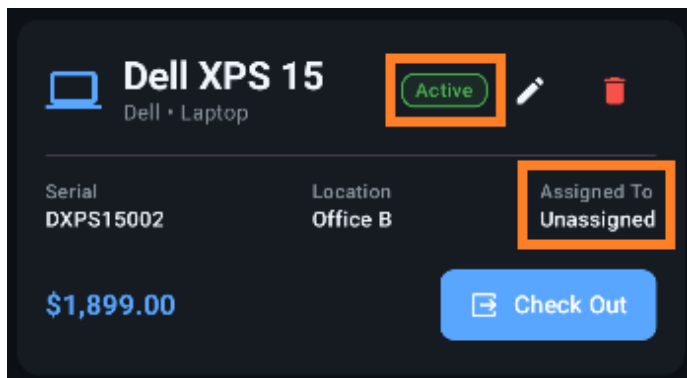


Checking In a Device

1. On a Checked Out device card, tap the **Check In** button.



2. The device will immediately return to "Active" status and will be unassigned.

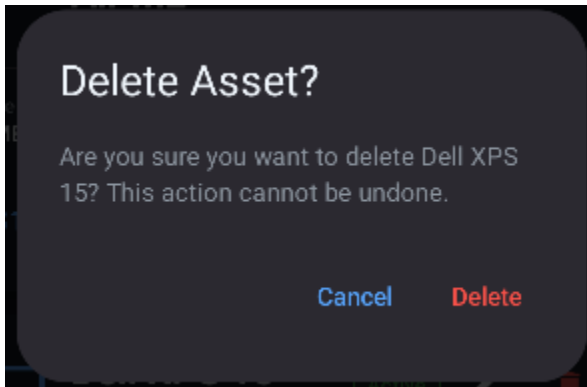


Deleting a Device

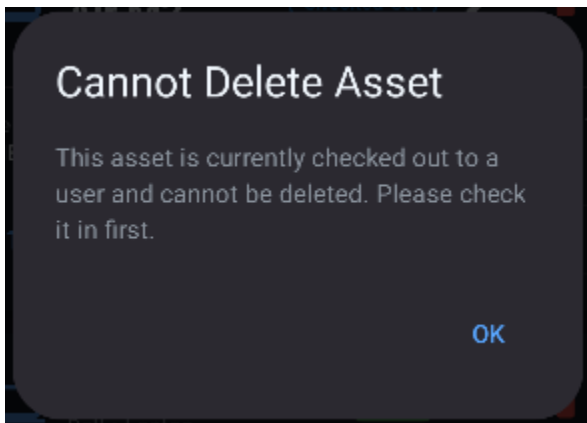
1. On a device card, tap the **trash icon** (red).



2. A confirmation dialog will appear. Tap **Delete** to confirm or **Cancel** to go back.

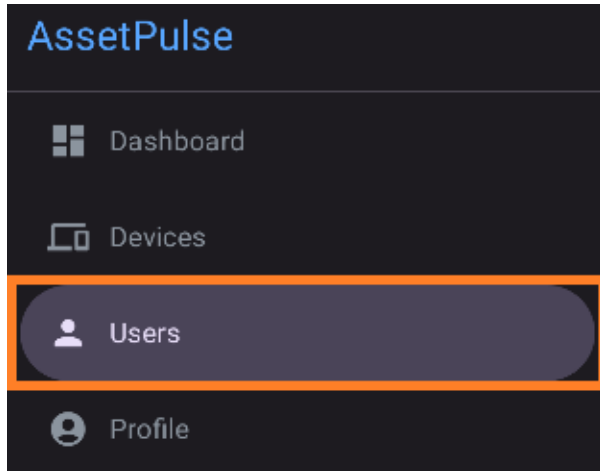


Note: Devices that are currently checked out cannot be deleted. You must check the device in first before it can be deleted.

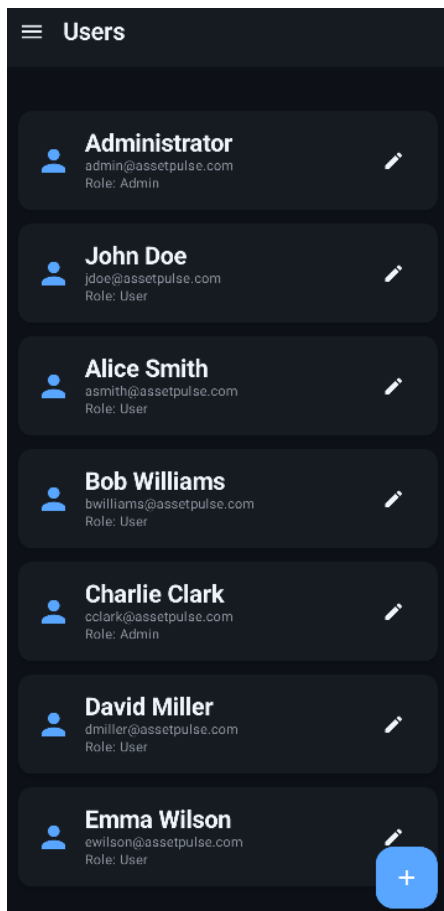


Users (Admin Only)

This section is only accessible to users with the Admin role. To access it, tap the **hamburger menu** (≡) and select **Users** from the navigation drawer.



The Users screen displays all registered users, showing their full name, email and role (Admin or User).

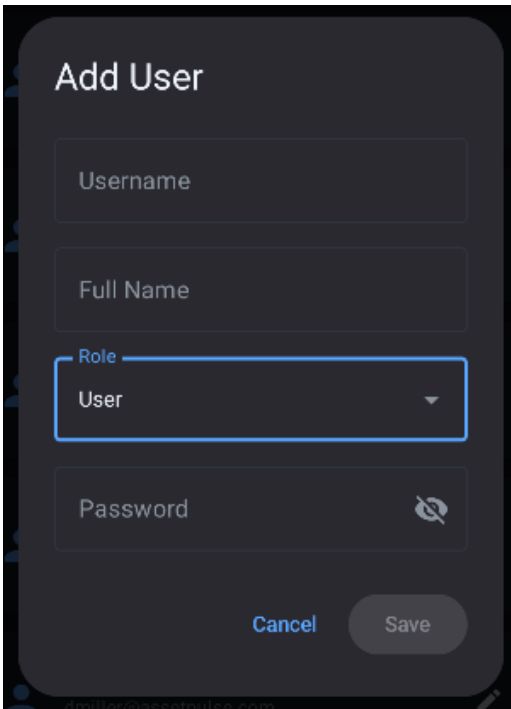


Adding a User

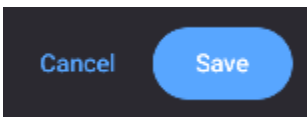
1. Tap the + button in the bottom-right corner of the Users screen.



2. Fill in the following fields:

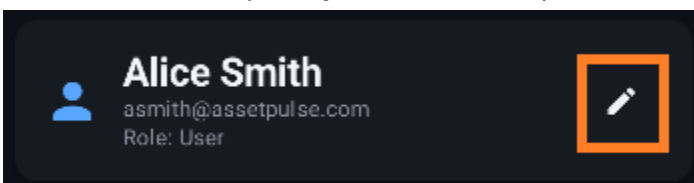


- **Username** – The login username for the new user
 - **Full Name** – The user's full name
 - **Role** – Select from the dropdown (Admin or User)
 - **Password** – The user's login password
3. Tap **Save** to create the user or **Cancel** to discard.

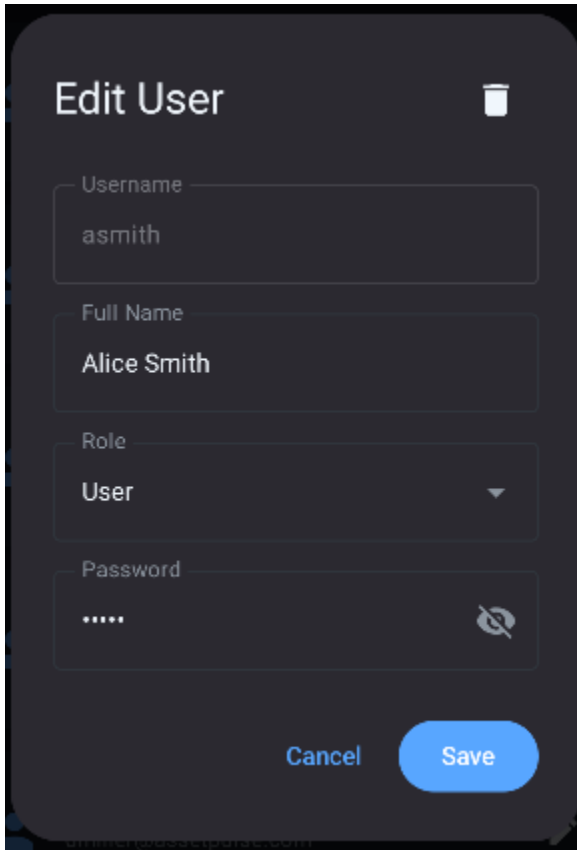


Editing a User

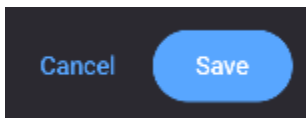
1. On a user card, tap the **pencil icon** to open the Edit User form.



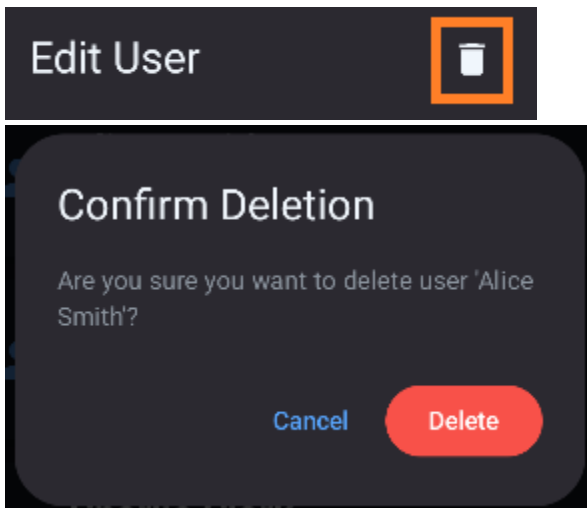
2. The form will be pre-filled with the user's current information. Modify any fields as needed.

A dark-themed dialog titled "Edit User" with a trash icon in the top right corner. It contains four input fields: "Username" with the value "asmith", "Full Name" with the value "Alice Smith", "Role" with a dropdown menu showing "User", and "Password" with masked characters "...." and a toggle icon. At the bottom are "Cancel" and "Save" buttons.

3. Tap **Save** to apply the changes or **Cancel** to discard.

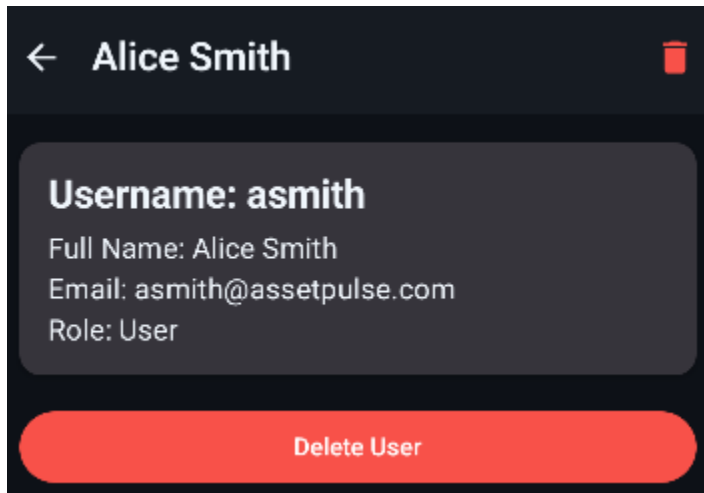
A close-up of the bottom of the "Edit User" dialog, showing the "Cancel" and "Save" buttons.

4. You can also delete the user by tapping the **trash icon** at the top of the dialog.

Two screenshots showing the deletion process. The first screenshot shows the "Edit User" dialog with the trash icon highlighted by an orange square. The second screenshot shows a "Confirm Deletion" dialog with the text "Are you sure you want to delete user 'Alice Smith'?" and "Cancel" and "Delete" buttons at the bottom.

Viewing User Details

1. Tap on any user card to open the User Detail screen.
2. This screen displays the user's full information: username, full name, email and role.

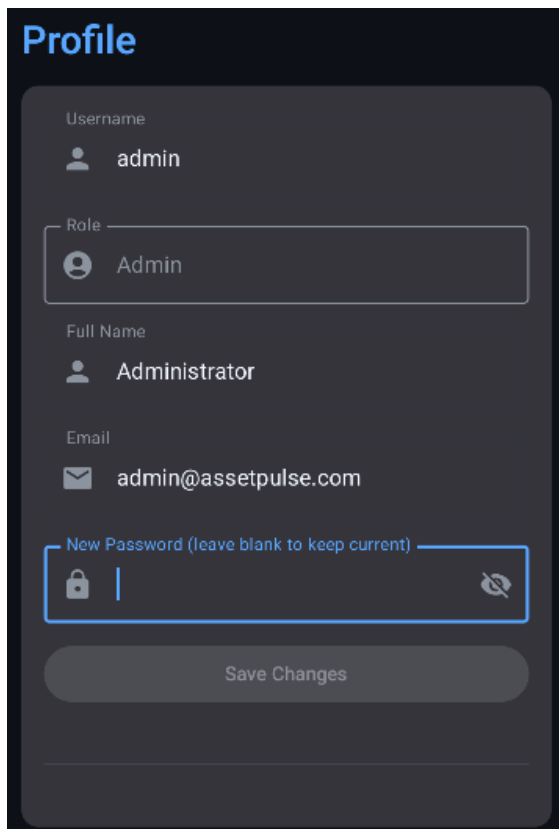


3. You can delete the user by tapping the **Delete User** button or the **trash icon** at the top-right corner.

Profile

To access your profile, tap the **hamburger menu** (≡) and select **Profile** from the navigation drawer.

The Profile screen displays your account information and allows you to edit it:



Profile

Username
admin

Role
Admin

Full Name
Administrator

Email
admin@assetpulse.com

New Password (leave blank to keep current)
[lock icon] [toggle icon]

Save Changes

- **Username** – Your login username
- **Role** – Your current role (read-only)
- **Full Name** – Editable
- **Email** – Editable
- **New Password** – Enter a new password or leave blank to keep the current one

Tap **Save Changes** to update your profile.

Logging Out

To log out, tap the **hamburger menu** (☰) and select **Logout** at the bottom of the navigation drawer. You will be returned to the login screen.

