



EEC 626 Software Engineering Project

User Manual

Inventory Management Web Application

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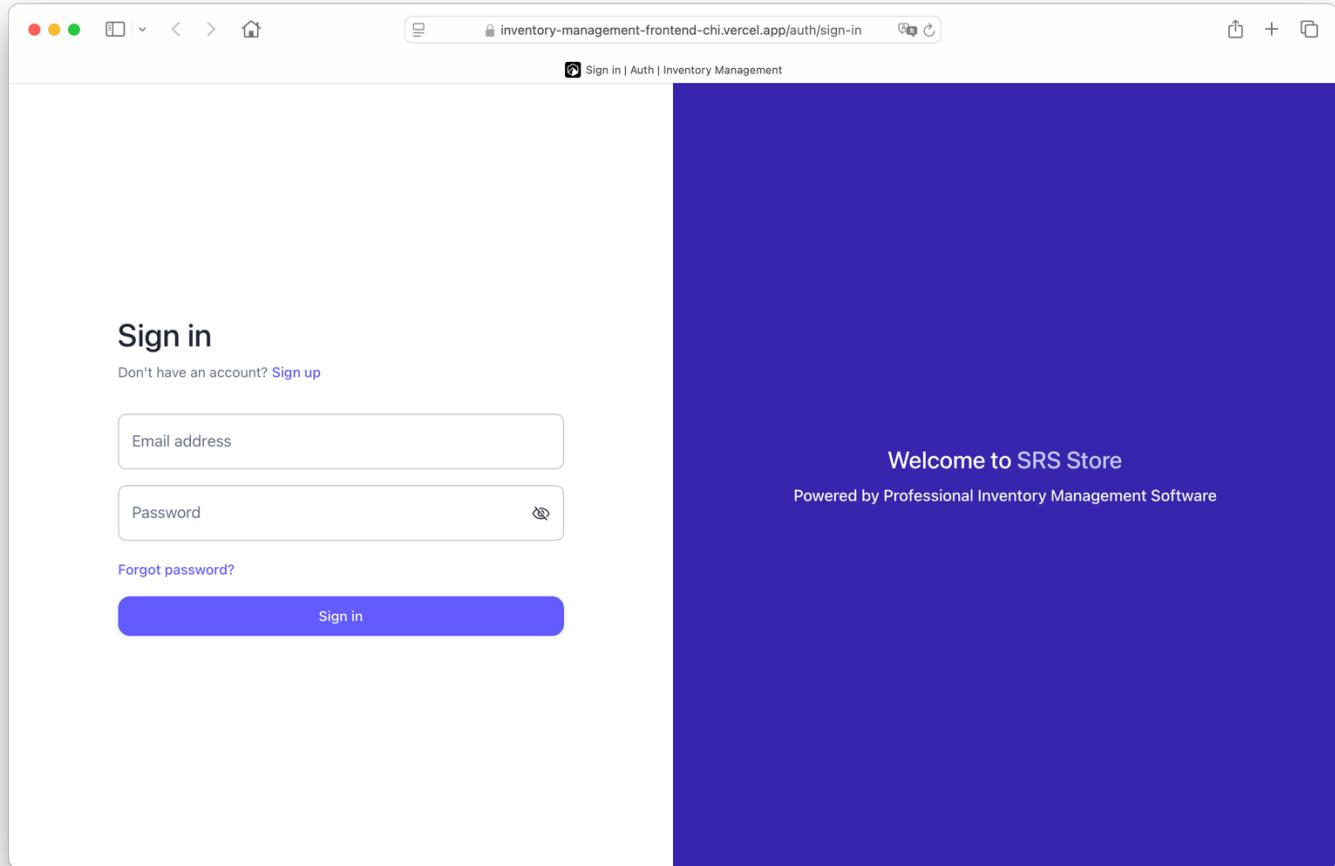
1. Introduction

The Inventory Management Web Application is a powerful tool designed to simplify and automate inventory tracking and management for businesses. It offers a user-friendly interface, real-time updates, and robust reporting capabilities, enabling users to maintain accurate inventory levels and make data-driven decisions.

2. System Requirements

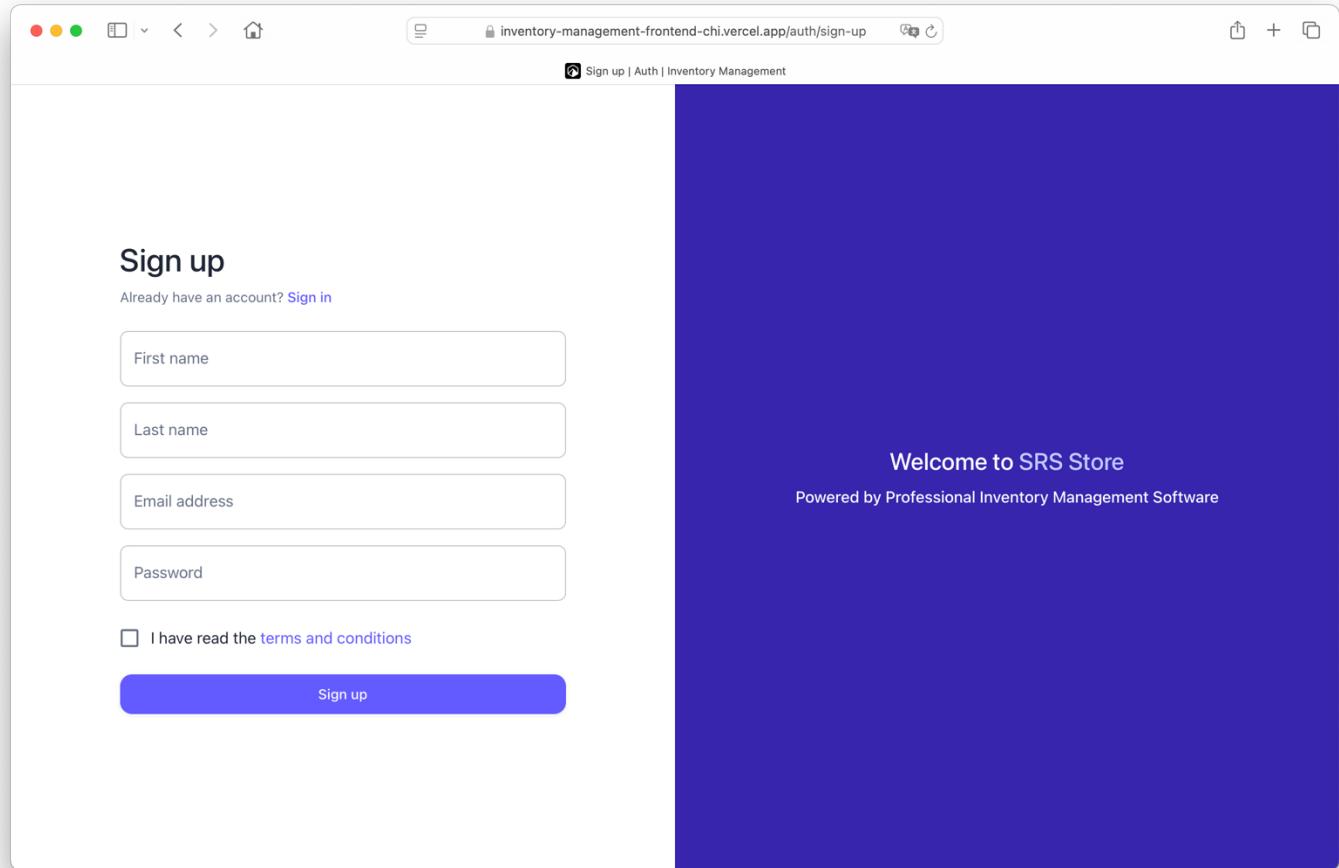
- **Browser:** Latest version of Chrome, Firefox, or Edge.
- **Device:** Desktop or Tablet (responsive design supported).
- **Internet Connection:** Stable connection for optimal performance.

3. Getting Started



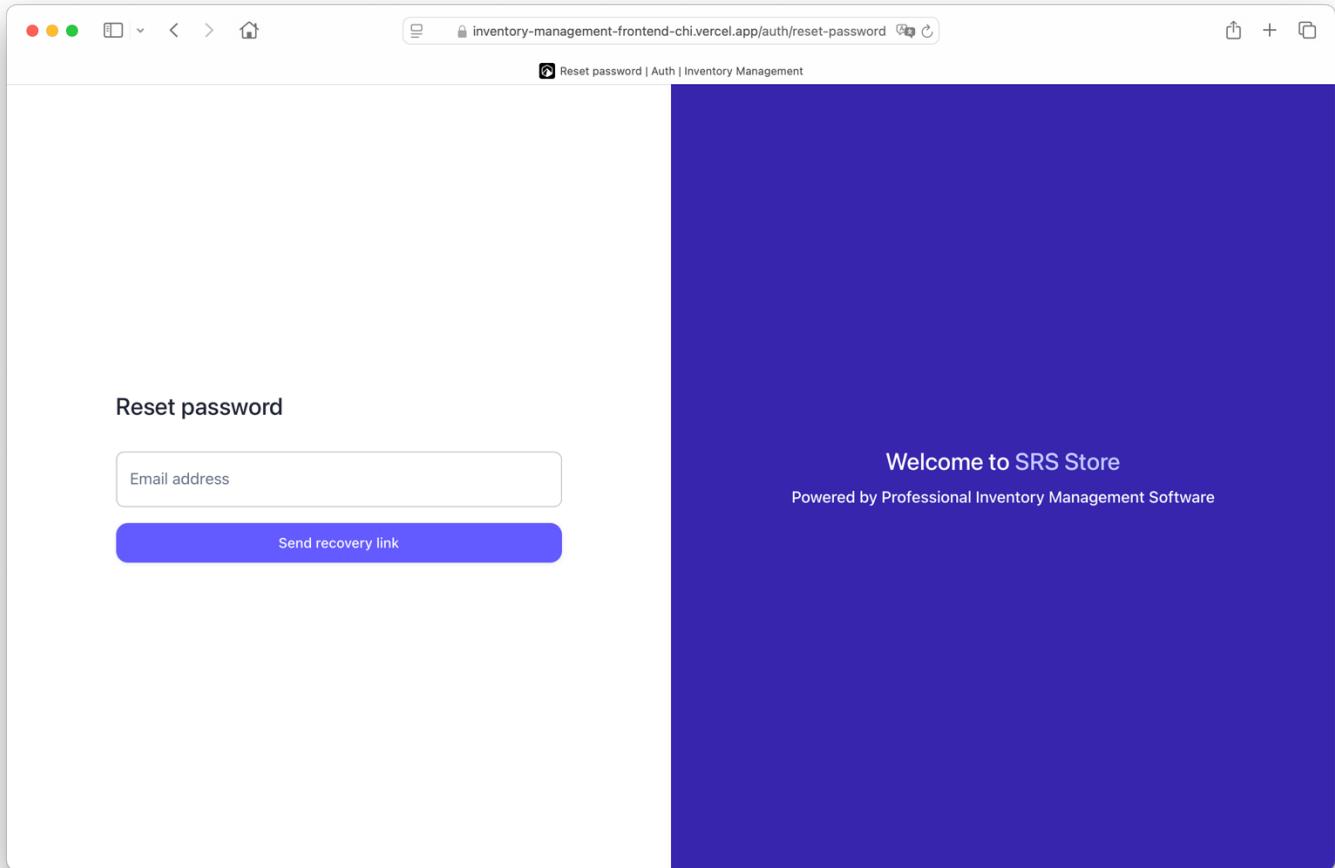
3.1 Sign in

1. Visit the application.
2. Enter your registered **email address** and **password**.
3. Click **Sign in**.



3.2 Sign up

1. Visit the application.
 2. Enter your first name, last name, email address and password.
 3. Select the Checkbox on **terms and conditions**.
 4. Click **Sign up**.
-



3.3 Reset Password

1. Visit the application.
 2. Enter your registered **email address** and **password**.
 3. Click **Sign up**.
-

4. Key Features

The screenshot displays the 'Overview | Dashboard | Inventory Management' page. On the left, a dark sidebar menu titled 'SRS Store' includes 'Overview' (selected), 'Items', 'Orders', 'Suppliers', 'Account', and 'Settings'. A 'Sign out' button is at the bottom. The main area shows four cards: 'Current Orders' (415, edit icon), 'Upcoming Orders' (30, calendar icon), 'Past Orders' (346, edit icon), and 'Low Stock' (Johnnie Walker: 1, edit icon). Below these is a bar chart titled 'Order Statistics' showing monthly order volumes from Jan to Dec. To the right is a 'Suppliers' section listing six companies with edit icons.

Supplier	Location
Sherwood Distributor	CLEVELAND
Cleveland Pepsico	CLEVELAND
Sysco Corporation	TOLEDO
Seaway Wholesale	CUYAHOGA
Value Wholesale	CLEVELAND
Fritolays	AKRON

4.1 Dashboard Overview

- The dashboard provides a snapshot of key metrics:
 - Current Orders
 - Upcoming Orders
 - Past Orders
 - Low Stock
 - Order Statistics
 - Suppliers
 - Recent Orders
 - Item Categories

The screenshot shows a web-based inventory management system for 'SRS Store'. The left sidebar has a dark theme with icons for Overview, Items (selected), Orders, Suppliers, Account, and Settings. The main content area is titled 'Items' and displays a table of products. At the top right are 'Export' and 'Create New Item' buttons. Below the table are search and filter fields for 'Search items', 'Status' (set to 'None'), and 'Category Code' (set to 'None'). The table has columns for Item Name, Item Unit Price, Current Stock, Status, and Category Code. It lists five items: Orange Beer, Grape Beer, Cherry Beer, Apple Beer, and Mango Beer, all categorized as 'Alcoholic Beverage' and marked as 'Product Available'. The status bar at the bottom indicates 'Rows per page: 5' and '1–5 of 139'.

	Item Name	Item Unit Price	Current Stock	Status	Category Code
<input type="checkbox"/>	Orange Beer	25	90	Product Available	Alcoholic Beverage
<input type="checkbox"/>	Grape Beer	8	243	Product Available	Alcoholic Beverage
<input type="checkbox"/>	Cherry Beer	12	635	Product Available	Alcoholic Beverage
<input type="checkbox"/>	Apple Beer	7	657	Product Available	Alcoholic Beverage
<input type="checkbox"/>	Mango Beer	8	789	Product Available	Alcoholic Beverage

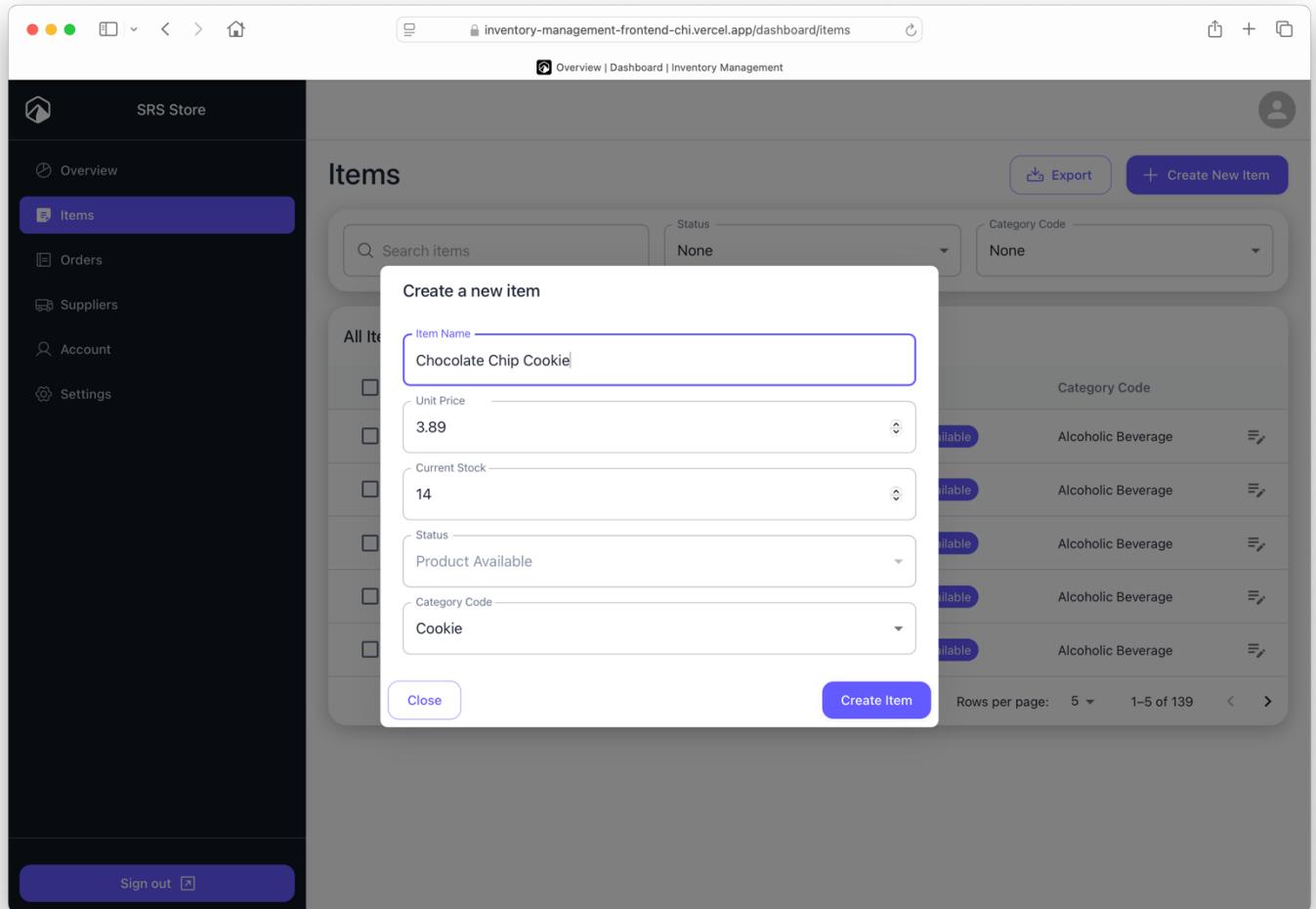
4.2 Viewing Item Inventory

1. Go to the **Items** section.
2. Browse the item table to view:
 - o Item Name
 - o Item Unit Price
 - o Current Stock
 - o Status
 - o Category Code

The screenshot shows the SRS Store inventory management dashboard. On the left is a sidebar with icons for Overview, Items (selected), Orders, Suppliers, Account, and Settings. The main area is titled 'Items' and displays a search bar with 'Lay' entered, a status filter set to 'Product Available', and a category filter set to 'Chip'. Below this is a table titled 'All Items' with one row: Lay's Spicy Potato Chips, Unit Price 4.5, Current Stock 12, Status Product Available, Category Code Chip. At the bottom right of the table are buttons for 'Rows per page' (5), '1-1 of 1', and navigation arrows. A blue 'Sign out' button is at the bottom left of the sidebar.

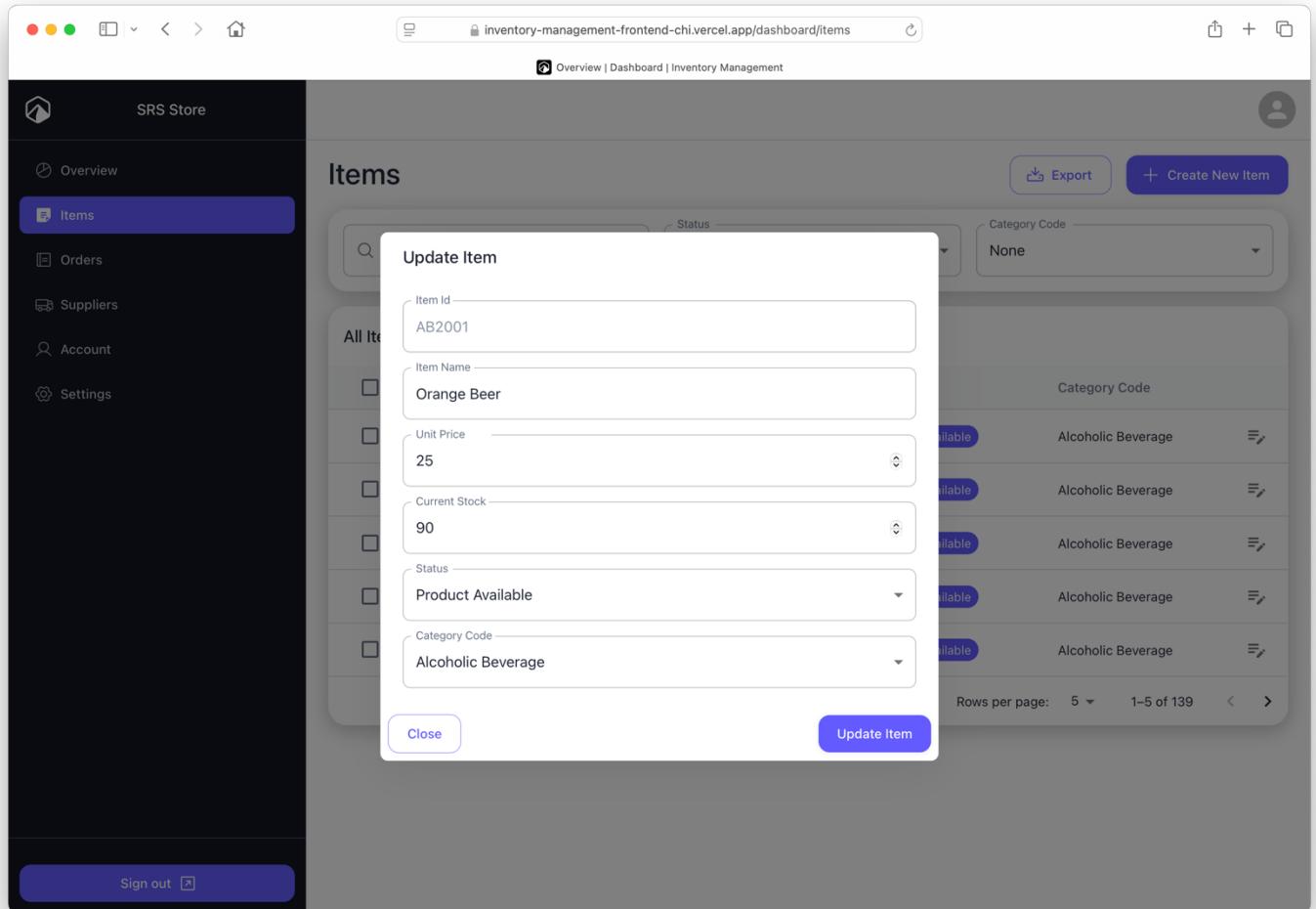
4.3 Searching and Filtering Items

1. Use the **Search Bar** at the top of the item list to find items by name.
2. Apply filters (e.g., Status, Category Code) for targeted results.



4.4 Creating a New Item

1. Go to the **Items** section from the navigation menu.
2. Click the **Add** button.
3. Fill in the required details:
 - o Item Name
 - o Unit Price
 - o Current Stock
 - o Category Code
4. Click **Create Item** to add the item to your inventory.



4.5 Updating Item Inventory

1. Select an item from the **Items** list.
2. Click **Edit** button.
3. Update the Item Name, Unit Price, Current Stock, Status, or Category Code.
4. Click **Update Item** button to save changes.

The screenshot shows the SRS Store inventory management interface. On the left, a sidebar menu includes 'Overview', 'Items' (which is selected and highlighted in blue), 'Orders', 'Suppliers', 'Account', and 'Settings'. At the bottom of the sidebar is a 'Sign out' button. The main content area is titled 'Items' and displays a table of items with columns: Item Name, Item Unit Price, Current Stock, Status, and Category Code. A modal window is open over the table, asking 'Are you sure you want to delete this item?'. It has 'Delete item' and 'Close' buttons. The table data is as follows:

	Item Name	Item Unit Price	Current Stock	Status	Category Code	
<input type="checkbox"/>	Cherry Beer	12	635	Available	Order	
<input type="checkbox"/>	Apple Beer	7	657	Available	Alcoholic Beverage	
<input type="checkbox"/>	Mango Beer	8	789	Available	Alcoholic Beverage	
<input type="checkbox"/>	Peach Beer	9	451	Available	Alcoholic Beverage	
<input type="checkbox"/>	Kiwi Beer	7	456	Available	Alcoholic Beverage	
<input type="checkbox"/>	Lemon Beer	8	908	Available	Alcoholic Beverage	

4.6 Deleting Item Inventory

1. Select an item from the **Items** list.
2. Click **Checkbox** button.
3. Click **Delete Item** button on the modal.

The screenshot shows the SRS Store dashboard with the 'Items' page selected. The sidebar on the left has links for Overview, Items (highlighted in blue), Orders, Suppliers, Account, and Settings. The main content area is titled 'Items' and contains a table of 'All Items'. The table columns are: Item Name, Item Unit Price, Current Stock, Status, and Category Code. The data in the table is as follows:

	Item Name	Item Unit Price	Current Stock	Status	Category Code	Actions
<input type="checkbox"/>	Orange Beer	25	90	Product Available	Alcoholic Beverage	
<input type="checkbox"/>	Grape Beer	8	243	Product Available	Alcoholic Beverage	
<input type="checkbox"/>	Cherry Beer	12	635	Product Available	Alcoholic Beverage	
<input type="checkbox"/>	Apple Beer	7	657	Product Available	Alcoholic Beverage	
<input type="checkbox"/>	Mango Beer	8	789	Product Available	Alcoholic Beverage	

At the bottom of the table, there are buttons for 'Rows per page' (set to 5), '1-5 of 140', and navigation arrows.

4.7 Exporting Item Report

1. Click Export button.
2. Select an exported file, either **CSV** or **Excel**.
3. Download the report in CSV or Excel format

The screenshot shows the SRS Store dashboard with the 'Orders' section selected. The left sidebar includes links for Overview, Items, Orders (selected), Suppliers, Account, and Settings. The main area displays a table of orders with columns for Order Date, Order Name, Order Amount, Order Status, and User Id. The table shows eight entries, with the last two being test entries labeled 'TEST_57' and 'TEST_56'.

Order Date	Order Name	Order Amount	Order Status	User Id
12/26/2024	December	180.56	Order Delivered	US01
12/21/2024	December	415.46	Order Delivered	US01
12/14/2024	December	57.36	Order Delivered	US01
12/12/2024	December	492.9	Order Delivered	US01
12/09/2024	December	396.89	Order Delivered	US01
12/05/2024	Final Test 1	30	Order Placed	US01
12/05/2024	TEST_57	30	Order Canceled	US01
12/05/2024	TEST_56	66	Order Canceled	US01

4.8 Viewing Order Inventory

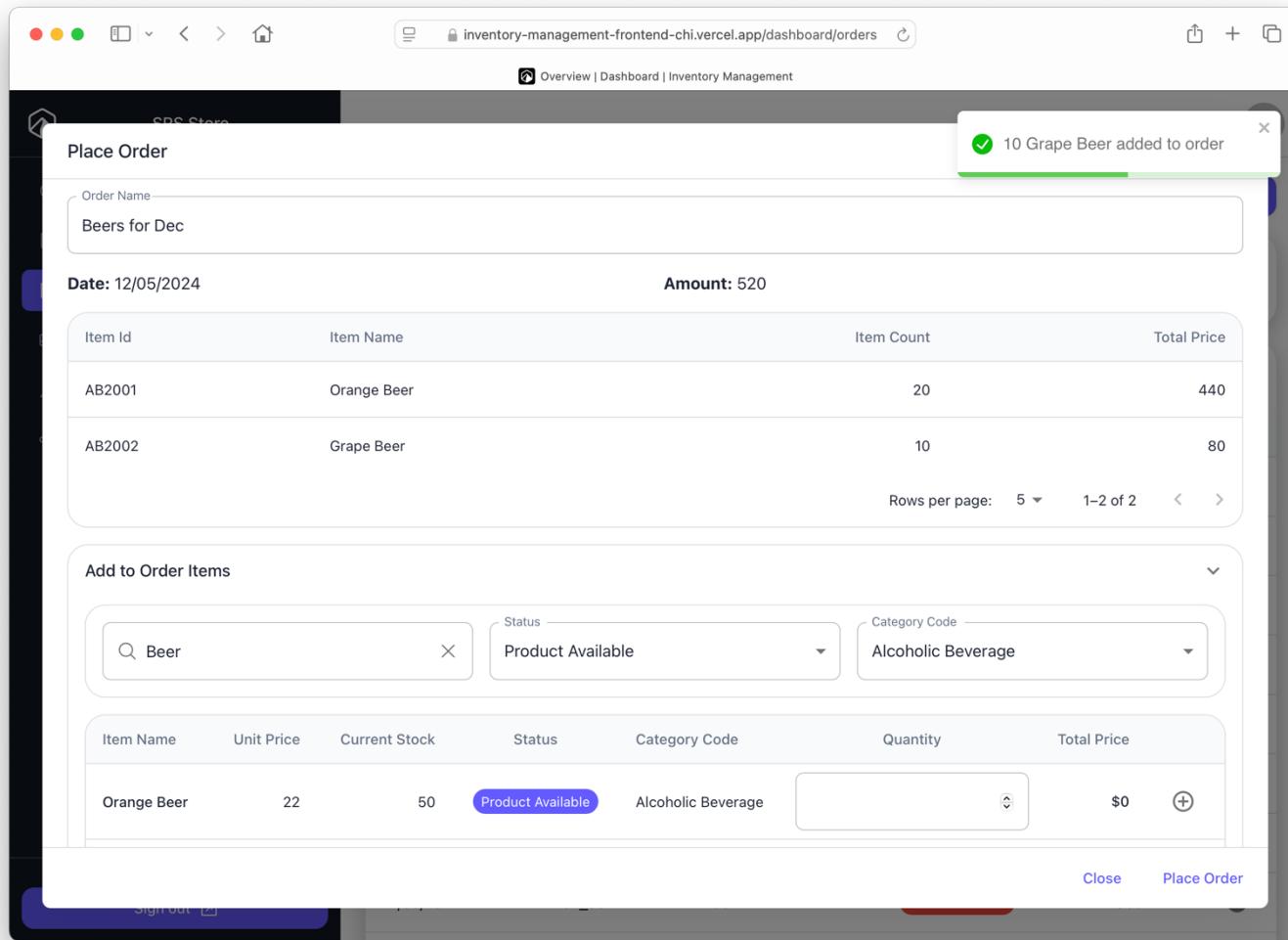
1. Go to the **Orders** section.
2. Browse the order table to view:
 - o Order Date
 - o Order Name
 - o Order Amount
 - o Order Status
 - o User Id

The screenshot shows the SRS Store dashboard with the 'Orders' page selected. The left sidebar has links for Overview, Items, Orders (which is highlighted in blue), Suppliers, Account, and Settings. The main area has a search bar with 'Dec' and a status dropdown set to 'Order Delivered'. The table below shows eight orders from December 2024, all with 'Order Delivered' status and user ID US01.

Order Date	Order Name	Order Amount	Order Status	User Id
12/26/2024	December	180.56	Order Delivered	US01
12/21/2024	December	415.46	Order Delivered	US01
12/14/2024	December	57.36	Order Delivered	US01
12/12/2024	December	492.9	Order Delivered	US01
12/09/2024	December	396.89	Order Delivered	US01
12/05/2024	December	224.52	Order Delivered	US01
12/03/2024	December	183.93	Order Delivered	US01
12/03/2024	December	213.14	Order Delivered	US01

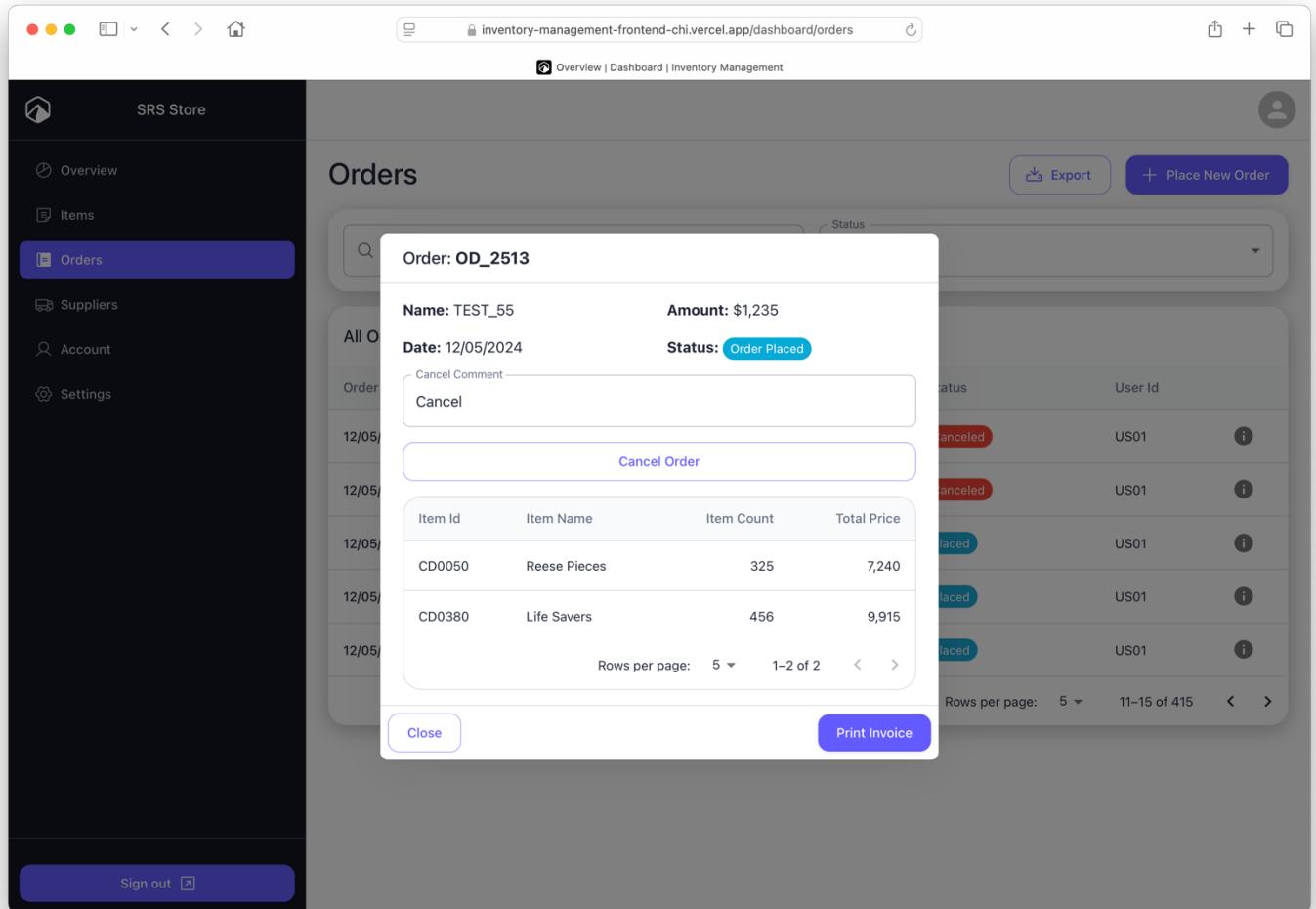
4.9 Searching and Filtering Orders

3. Use the **Search Bar** at the top of the order list to find orders by name.
4. Apply filter by order status for targeted results.



4.10 Creating a New Order

1. Go to the **Orders** section from the navigation menu.
2. Click the **Place New Order** button.
3. Fill in the required details:
 - o Order Name
 - o Items to be added into the order with quantity number
4. Click **Place Order** to add the order to your inventory.



4.11 Canceling an Order

1. Select an order from the **Orders** list.
2. Click **Info** button.
3. Add the cancel comment.
4. Click **Cancel Order** button.

The screenshot shows the SRS Store dashboard with the 'Orders' page selected. The left sidebar includes links for Overview, Items, Orders (which is highlighted), Suppliers, Account, and Settings. The main content area displays a table of orders with columns for Order Date, Order Name, Order Amount, Order Status, and User Id. The table shows five entries, with the first two having 'Order Canceled' status and the others having 'Order Placed'. There are also 'Info' icons next to each row. At the top right, there are buttons for Export, Place New Order, CSV, and Excel. A search bar and a status filter are also present.

Order Date	Order Name	Order Amount	Order Status	User Id
12/05/2024	TEST_57	30	Order Canceled	US01
12/05/2024	TEST_56	66	Order Canceled	US01
12/05/2024	TEST_55	1,235	Order Placed	US01
12/05/2024	Uday	567	Order Placed	US01
12/05/2024	Test	99,999	Order Placed	US01

4.12 Exporting Order Report

1. Click Export button.
2. Select an exported file, either **CSV** or **Excel**.
3. Download the report in CSV or Excel format.

The screenshot shows a web-based inventory management application titled "SRS Store". The left sidebar contains navigation links: Overview, Items, Orders, **Suppliers** (which is highlighted in blue), Account, and Settings. The main content area is titled "Suppliers" and features a search bar with the placeholder "Search suppliers". Below the search bar is a table titled "All Suppliers" with the following data:

Supplier Name	Supplier Address	Supplier City	Supplier Zip Code	Supplier Phone Number
Sherwood Distributor	HURON STREET	CLEVELAND	44990	6473829150
Cleveland Pepsico	CLEVELAND	CLEVELAND	49898	7483926150
Sysco Corporation	TOLEDO	TOLEDO	43629	5647382910
Seaways Wholesale	WARRENSVILLE	CUYAHOGA	41232	8374651920
Value Wholesale	OHIO CITY	CLEVELAND	40978	2938475610
Fritolays	CEDAR	AKRON	44112	6473829150

At the bottom right of the table, there are pagination controls: "Rows per page: 10" with a dropdown arrow, "1–6 of 6", and navigation arrows.

4.13 Viewing Suppliers

3. Go to the **Suppliers** section.
4. Browse the supplier table to view:
 - Supplier Name
 - Supplier Address
 - Supplier City
 - Supplier Zip Code
 - Supplier Phone Number

The screenshot shows a web application interface for 'SRS Store'. The left sidebar has a dark theme with white icons and text. It includes links for Overview, Items, Orders, Suppliers (which is highlighted with a blue background), Account, and Settings. At the bottom of the sidebar is a 'Sign out' button. The main content area has a light background. At the top right, there are navigation icons for back, forward, and refresh, along with a user profile icon. The URL in the address bar is 'inventory-management-frontend-chi.vercel.app/dashboard/suppliers'. Below the address bar, there's a breadcrumb trail: 'Overview | Dashboard | Inventory Management'. The main title 'Suppliers' is centered above a search bar. The search bar contains the text 'Cleveland' and has a clear 'X' button. To the right of the search bar is a blue 'Export' button with a downward arrow icon. The main content area is titled 'All Suppliers' and displays a table with five columns: Supplier Name, Supplier Address, Supplier City, Supplier Zip Code, and Supplier Phone Number. The table contains three rows of data:

Supplier Name	Supplier Address	Supplier City	Supplier Zip Code	Supplier Phone Number
Sherwood Distributor	HURON STREET	CLEVELAND	44990	6473829150
Cleveland Pepsico	CLEVELAND	CLEVELAND	49898	7483926150
Value Wholesale	OHIO CITY	CLEVELAND	40978	2938475610

At the bottom right of the table area, there are pagination controls: 'Rows per page: 10', '1–3 of 3', and navigation arrows.

4.14 Searching Suppliers

1. Use the **Search Bar** at the top of the supplier list to find suppliers by name.
2. Check results in the supplier list below.

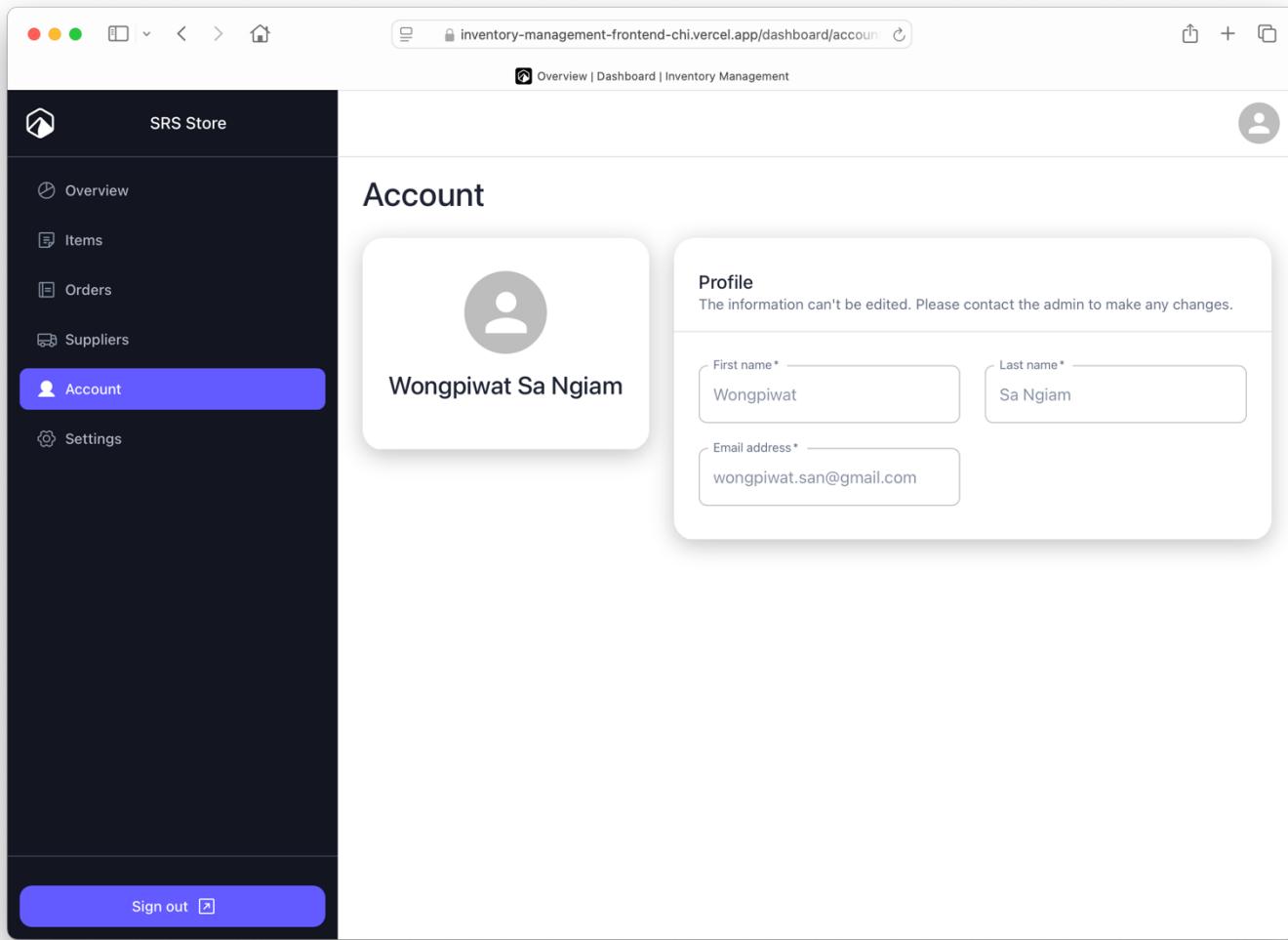
The screenshot shows a web-based inventory management application titled "SRS Store". The left sidebar contains navigation links: Overview, Items, Orders, **Suppliers** (which is currently selected), Account, and Settings. The main content area is titled "Suppliers" and displays a table of "All Suppliers". The table has columns for Supplier Name, Supplier Address, Supplier City, Supplier Zip Code, and Supplier Phone Number. The data includes:

Supplier Name	Supplier Address	Supplier City	Supplier Zip Code	Supplier Phone Number
Sherwood Distributor	HURON STREET	CLEVELAND	44990	6473829150
Cleveland Pepsico	CLEVELAND	CLEVELAND	49898	7483926150
Sysco Corporation	TOLEDO	TOLEDO	43629	5647382910
Seaways Wholesale	WARRENSVILLE	CUYAHOGA	41232	8374651920
Value Wholesale	OHIO CITY	CLEVELAND	40978	2938475610
Fritolays	CEDAR	AKRON	44112	6473829150

At the bottom right of the table, there are buttons for "Rows per page: 10" and "1-6 of 6". The top right corner of the main content area features an "Export" button with icons for CSV and Excel.

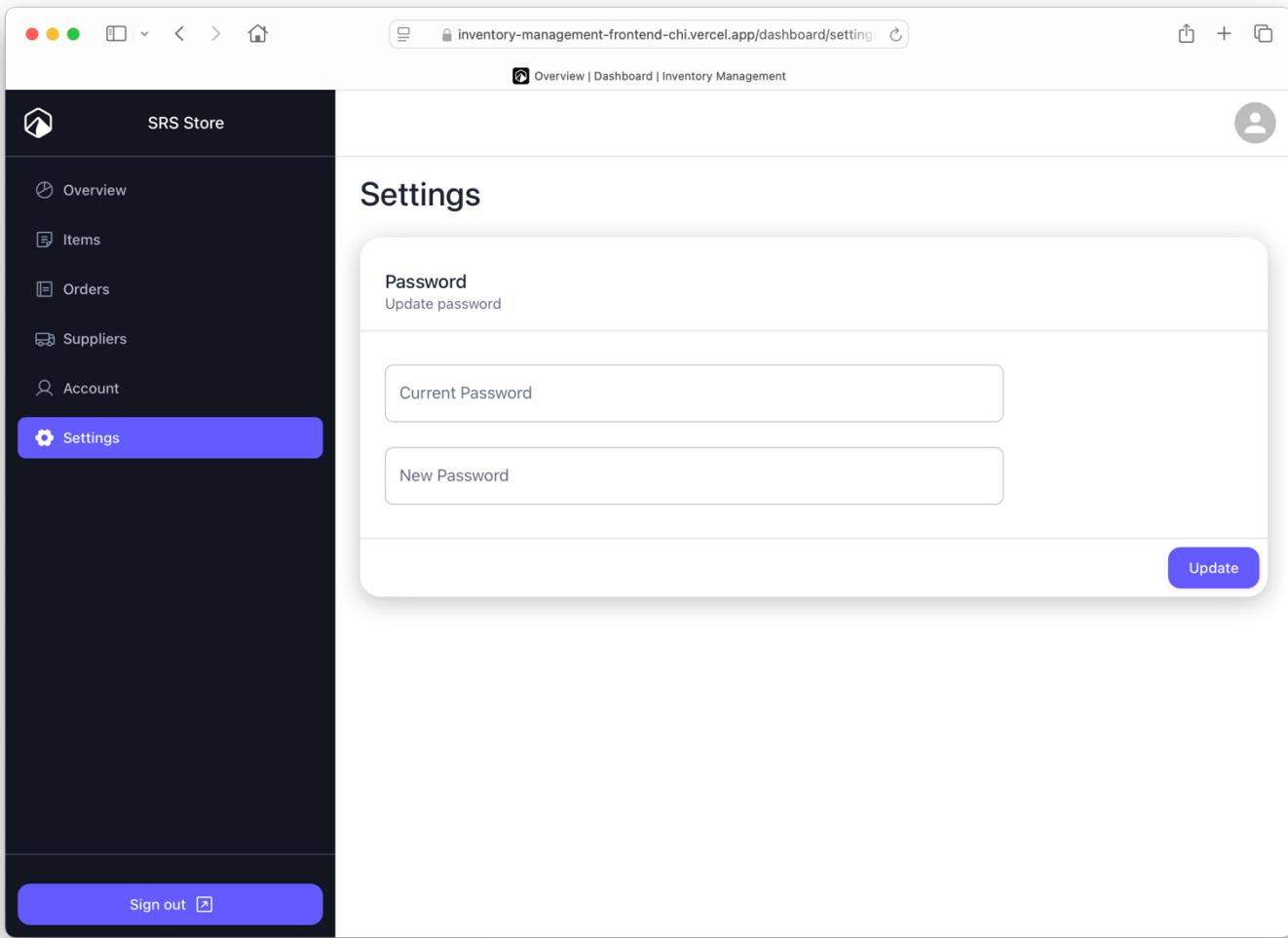
4.15 Exporting Suppliers Report

1. Click Export button.
2. Select an exported file, either **CSV** or **Excel**.
3. Download the report in CSV or Excel format.



4.16 Viewing Account Information

5. Go to the **Account** section.
6. Check the profile card to view account information:
 - First name
 - Last name
 - Email address



4.17 Updating Password

1. Go to the **Settings** section.
2. Enter your **current password** and **new password**.
3. Click **Update**.

5. Troubleshooting

Issue: Cannot Login

- Ensure your email and password are correct.
- Reset your password using the **Reset Password** page.

Issue: Missing Product Details

- Refresh the page to reload data.

Issue: Features Not Loading

- Verify your internet connection.
- Clear your browser cache and retry.

6. Contact Support

If you encounter any issues or need assistance, please contact:

Name: SR Business Group

Address: 6206 Woodland Avenue, Cleveland, OH

Email: support@srbusinessgroup.com

Phone: +1 216 467 5934

Hours: Monday to Friday, 9:00 AM - 5:00 PM (EST)
