



WHAT IS QUICKSTOCK?

The name QuickStok comes from two main words: "Quick," meaning fast, and "Stok," meaning stock. QuickStok is a desktop-based stock management application designed to simplify inventory management, sales transactions, and reporting in an efficient and structured manner, particularly in the fashion sector.

WHAT IS THE PURPOSE QUICKSTOCK?

The main objective of this application is to provide a system that allows users to manage stock quickly, efficiently and practically.

ADVANTAGES

- A. Simple and Intuitive Interface
- B. Clearly Separated Multi-Roles
- C. Automatic Stock Management
- D. Fast and Integrated Transaction Processing
- E. Real-Time Stock and Sales Reports
- F. Data Validation and Confirmation
- G. Can Be Used Offline

DISADVANTAGES

- A. No Automatic Backup
- B. No Support for Multi-Location Stock
- C. No Return Feature
- D. No Dual Authentication
- E. Simple Receipt Print Design

USER

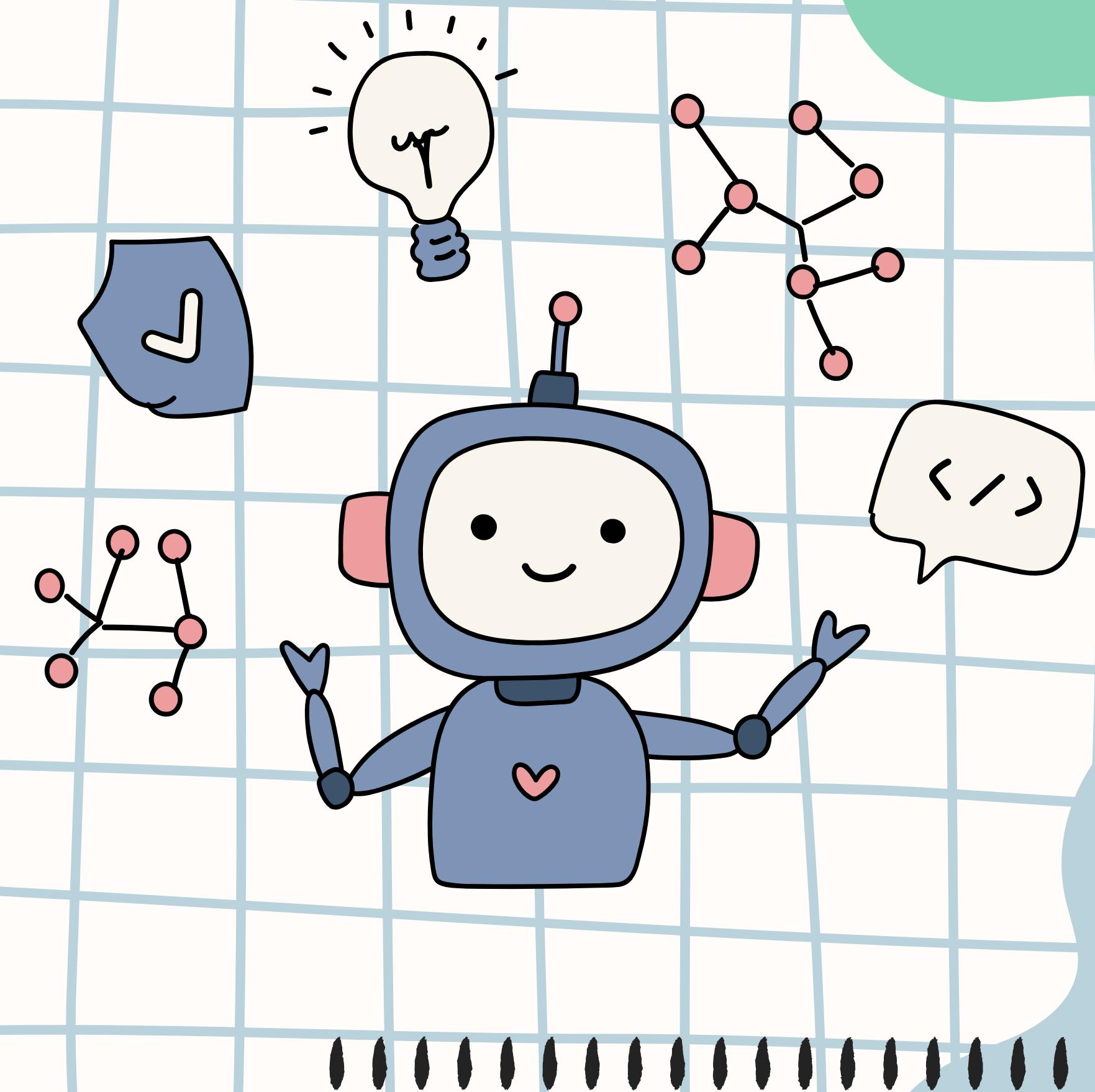
Owner

Admin

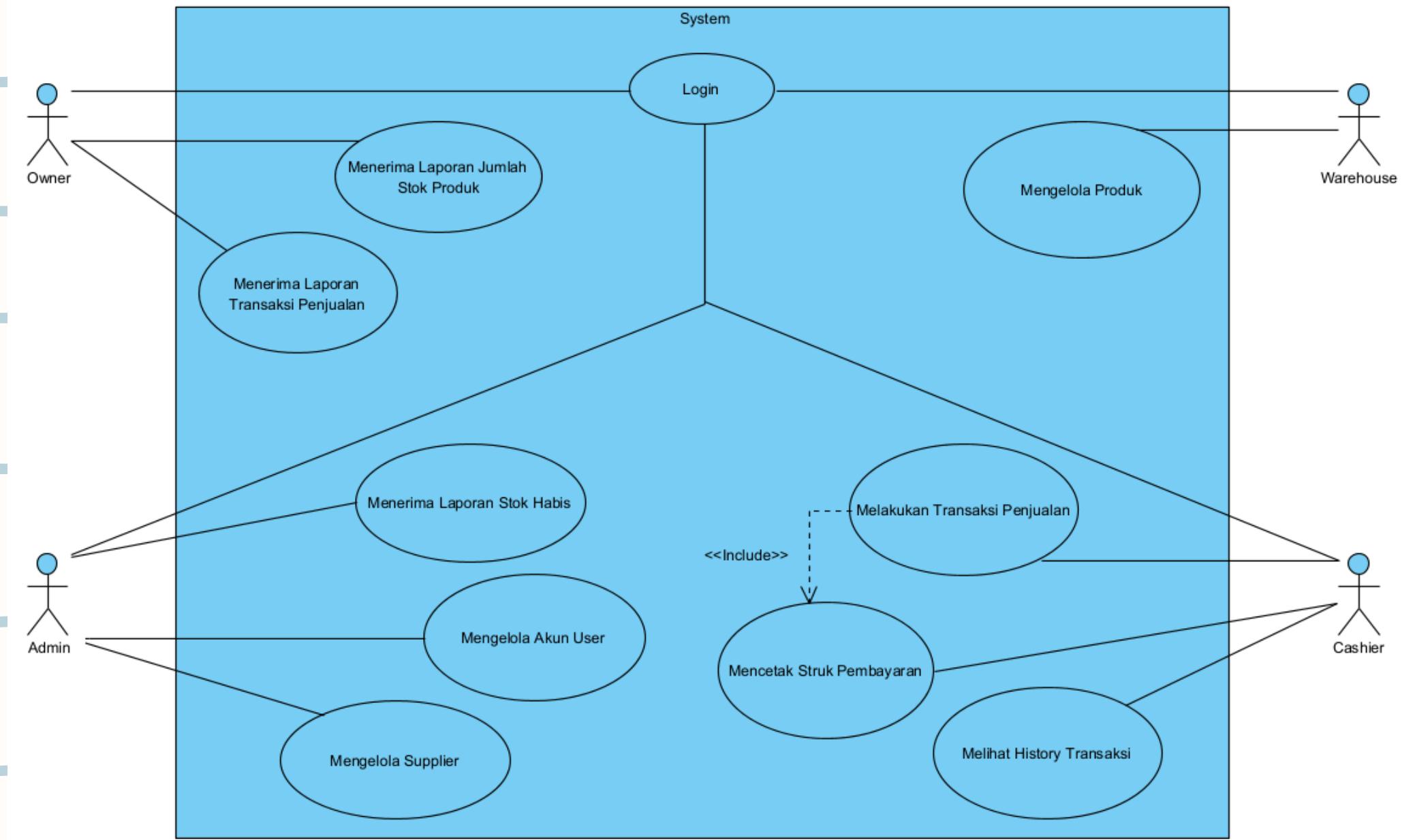
Cashier

Warehouse

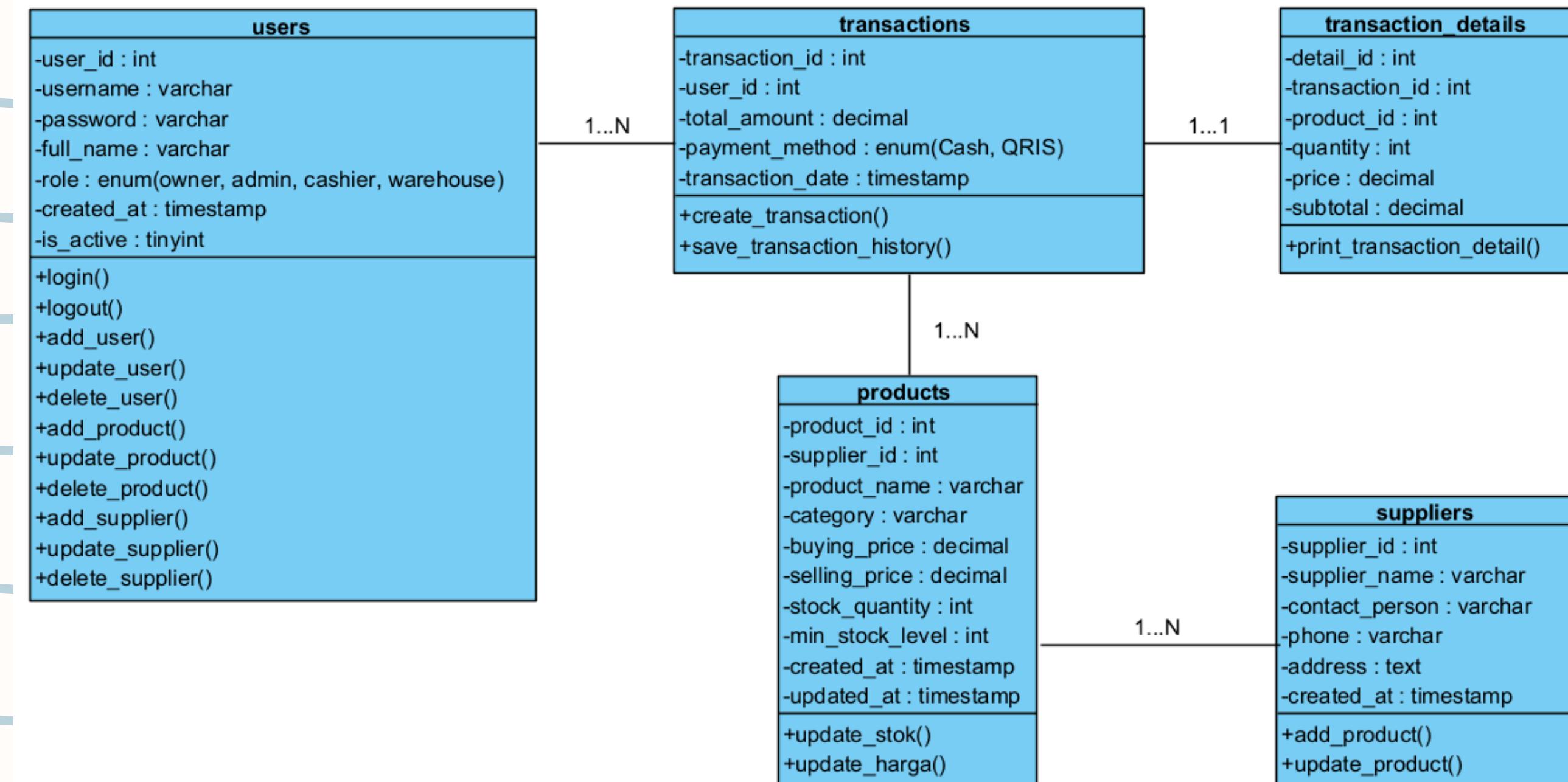
DIAGRAM



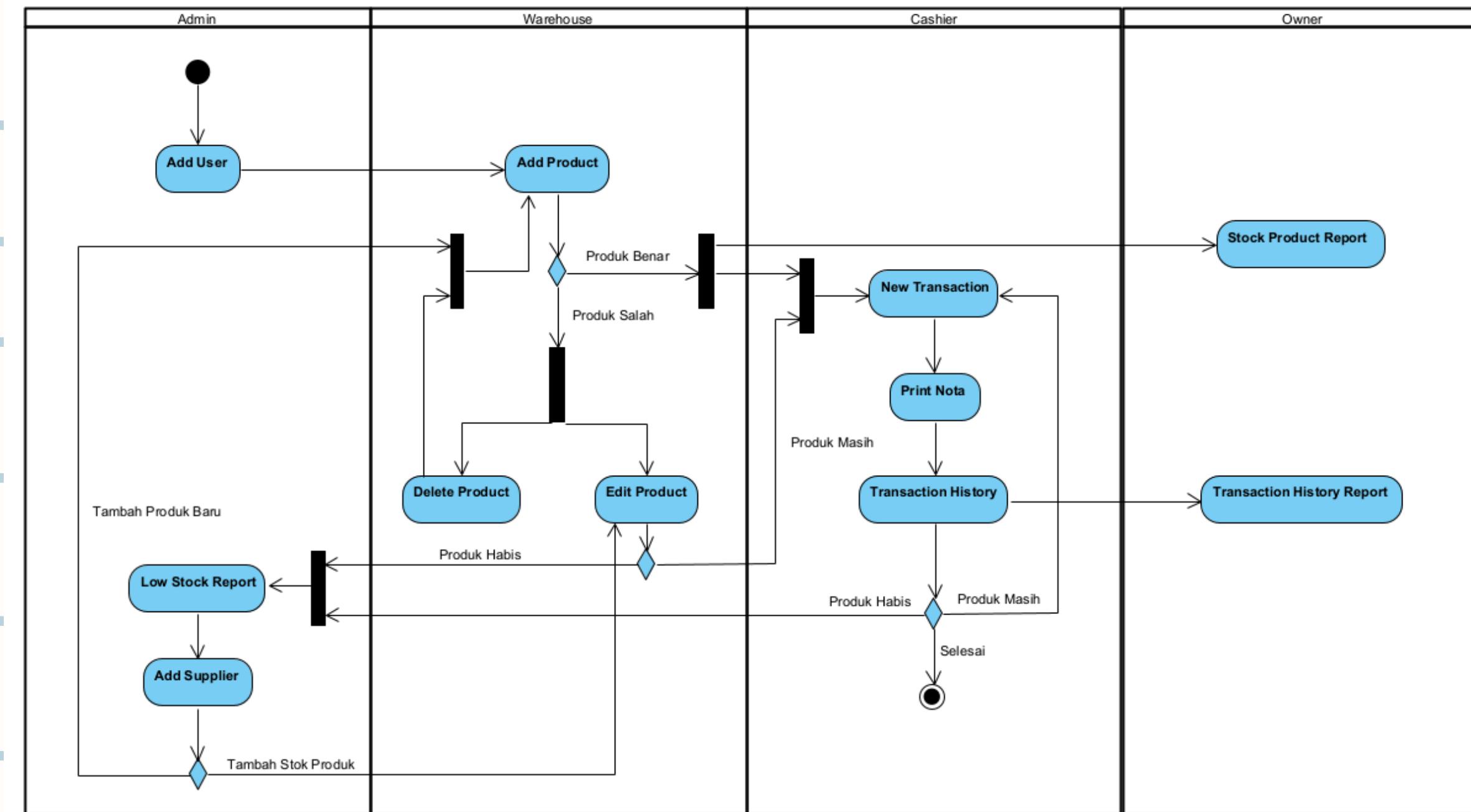
USECASE DIAGRAM



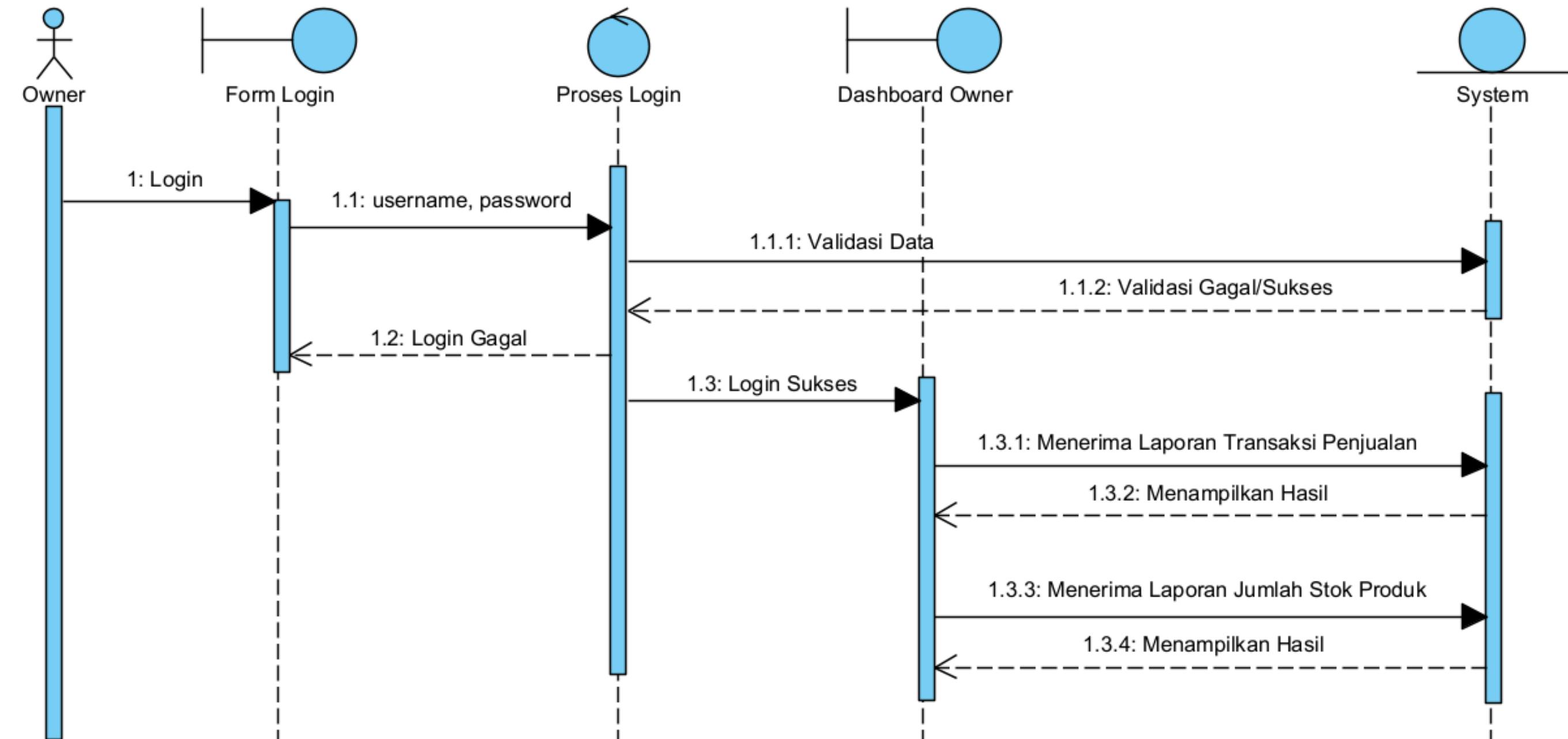
CLASS DIAGRAM



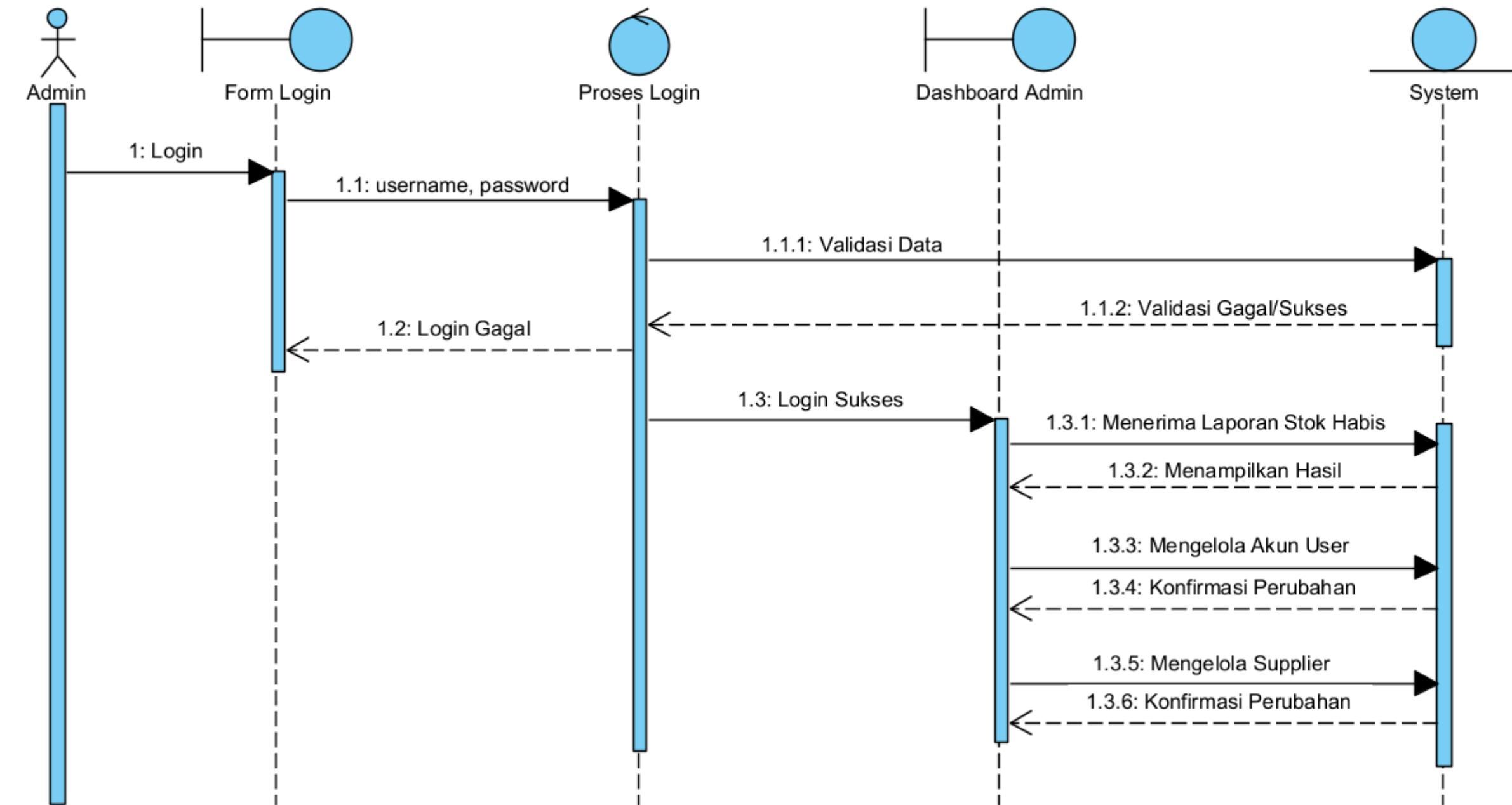
ACTIVITY DIAGRAM



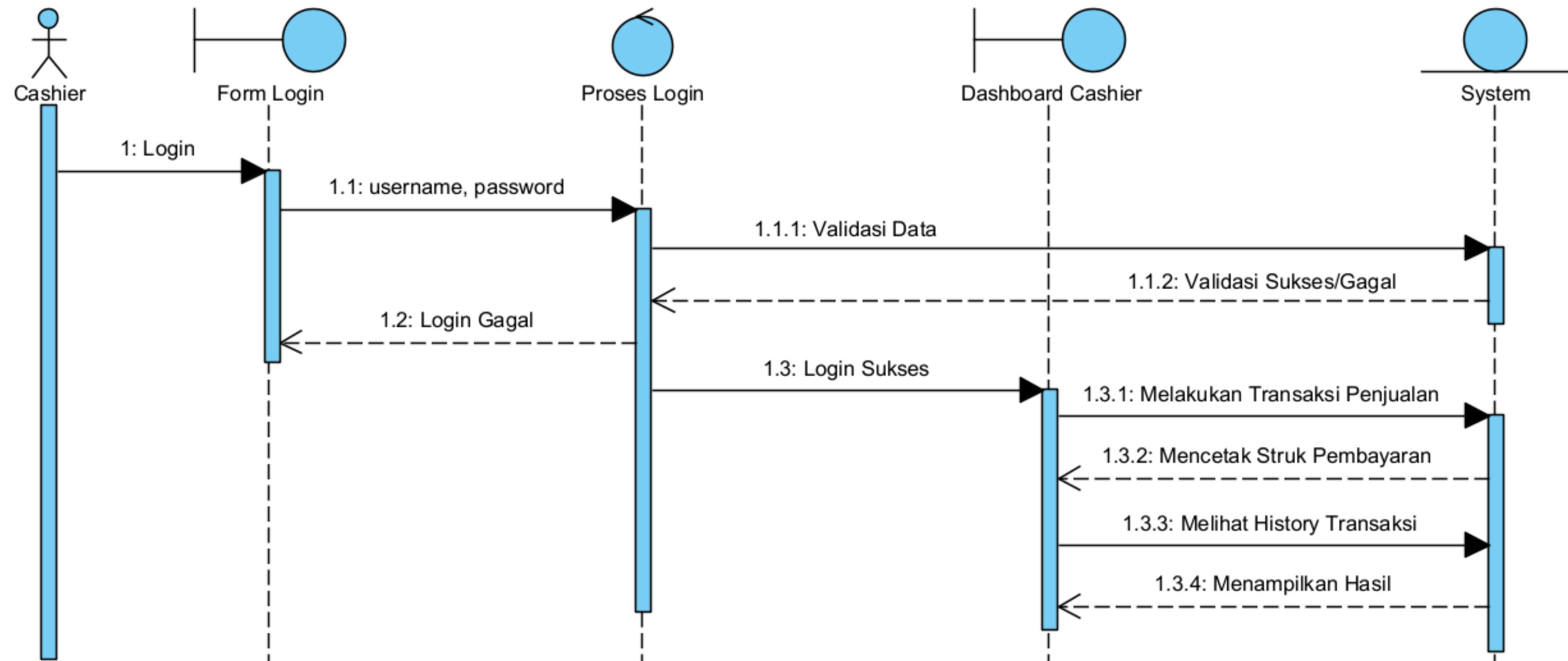
SEQUENCE DIAGRAM OWNER



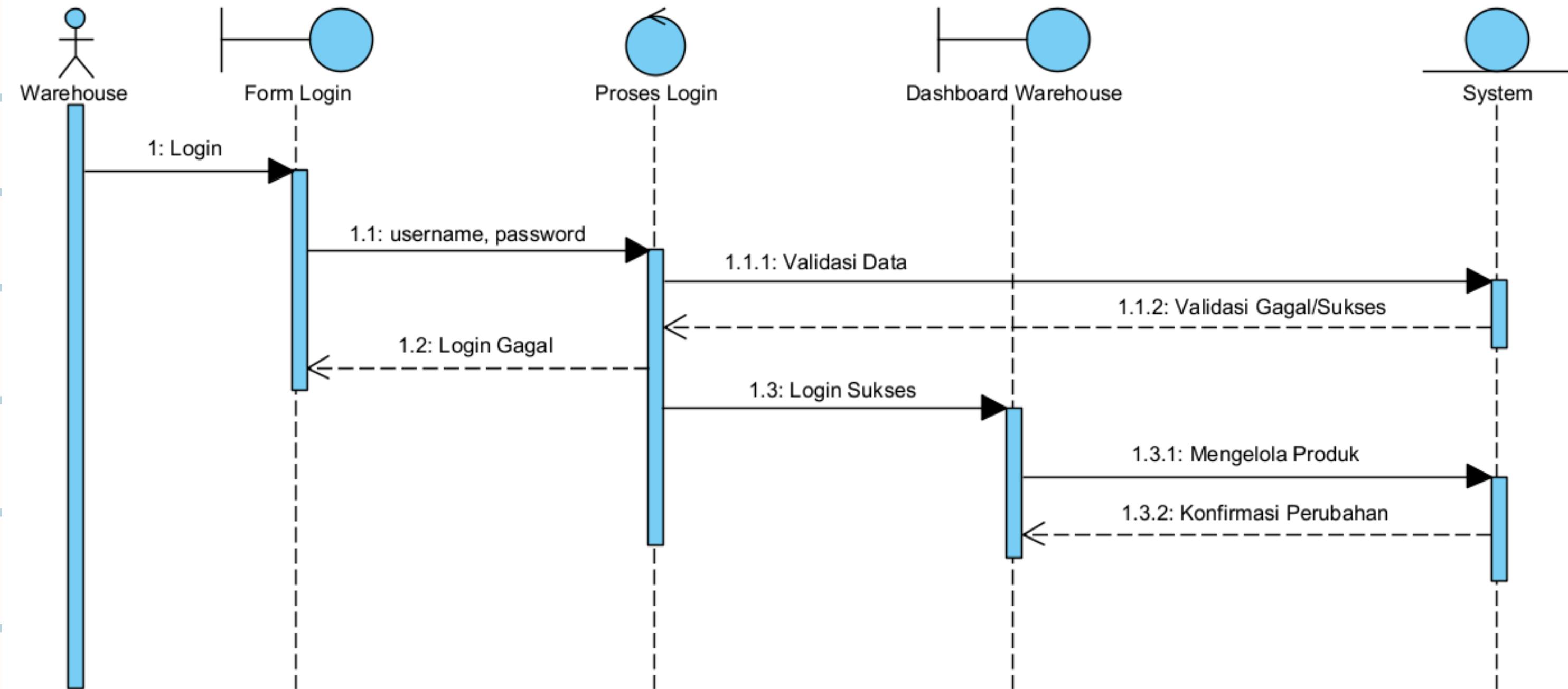
SEQUENCE DIAGRAM ADMIN



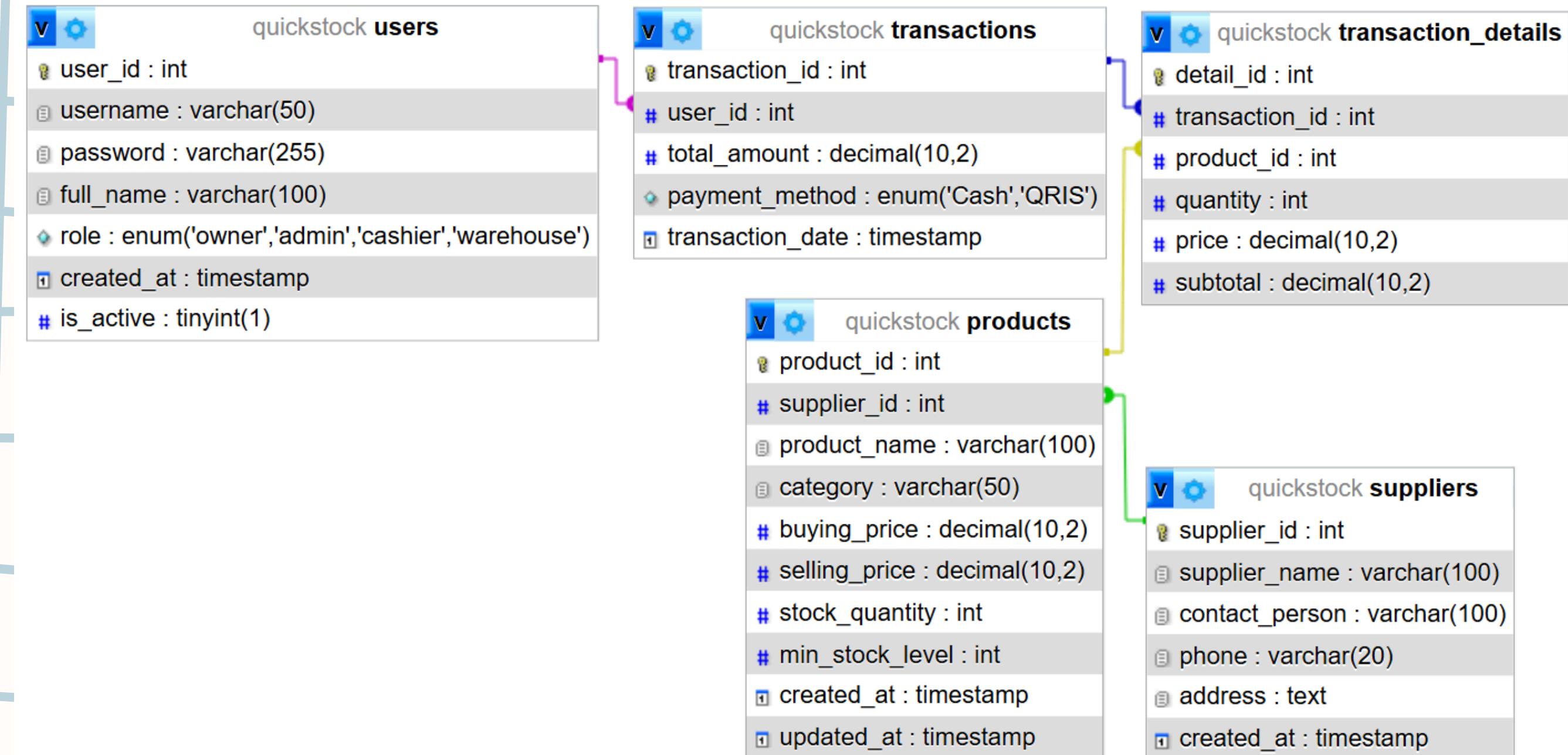
SEQUENCE DIAGRAM CASHIER

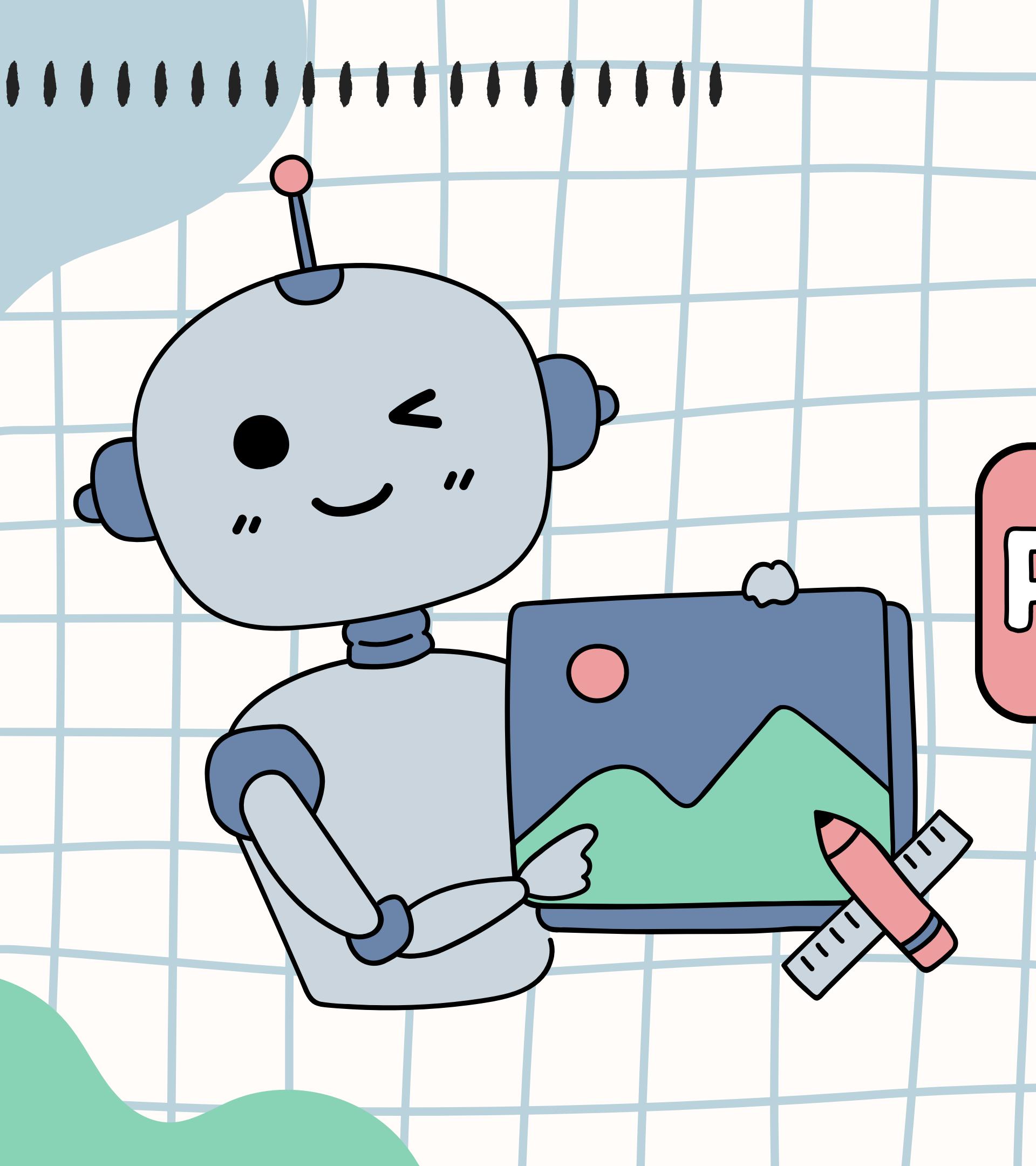


SEQUENCE DIAGRAM WAREHOUSE



ENTITY RELATIONSHIP DIAGRAM



A cartoon illustration of a friendly-looking robot with a grey head and blue body. It has large, expressive eyes and a small smile. The robot is holding a blue tablet device with a pink circular button and a green stylus pen. The background features a light blue grid pattern.

PROTOTYPE ADMIN

LOGIN

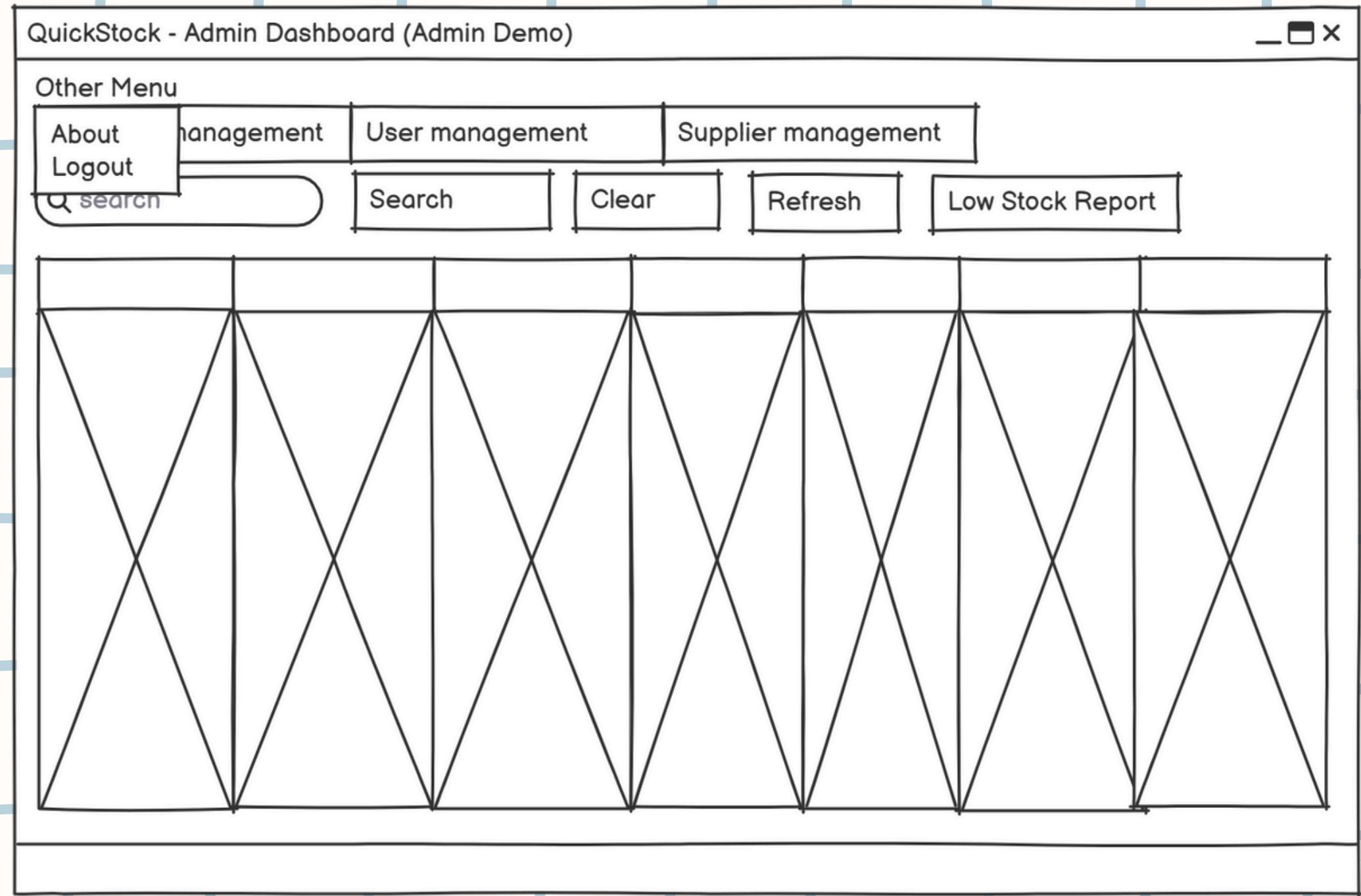
QuickStock - Login

QUICKSTOCK

Username

Password

PRODUCTS MANAGEMENT MENU



LOW STOCK REPORT

QuickStock - Admin Dashboard (Admin Demo)

Other Menu

Products management User management Supplier management

search Search Clear Refresh Low Stock Report

Low Stock Report

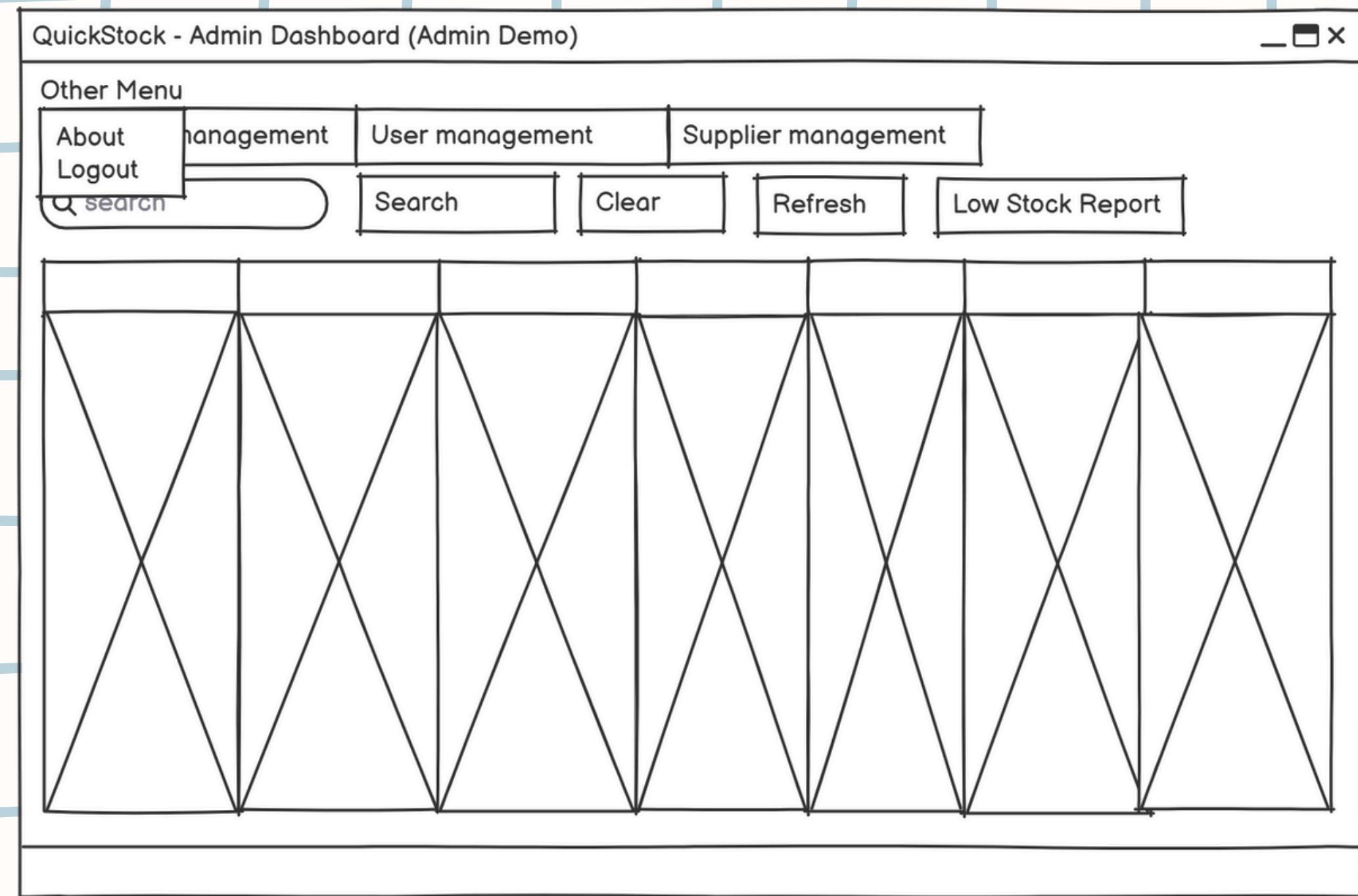
LOW STOCK ALTER REPORT
Generated on : Thu Jul 17 15:48:04 WIB 2025

Product that need restocking:

Product	Category	Stock	Min	Need
Canvas	Accessories	5	10	5
Warp Midi	Dress	6	10	4

OK

USER MANAGEMENT MENU



ADD USER

QuickStock - Admin Dashboard (Admin Demo)

Other Menu

Products management User management Supplier management

search

Add New User

User ID :

Username :

Full Name:

Role :

Password :

Status : Active

[OK](#) [Cancel](#)

ADD USER ROLE

QuickStock - Admin Dashboard (Admin Demo)

Other Menu

Products management User management Supplier management

search Search Clear Refresh Low Stock Report

Add New User

User ID :

Username :

Full Name:

Role :
Owner
Admin
Cashier
Warehouse

Password :

Status :

OK Cancel

EDIT USER

QuickStock - Admin Dashboard (Admin Demo)

Other Menu

Products management User management Supplier management

search Search Clear Refresh Low Stock Report

Edit User

User ID :	10
Username :	Kyy
Full Name:	Riskii Yoga
Role :	Owner ▾
Password :	<input type="password"/>
Status :	<input checked="" type="checkbox"/> Active

OK Cancel

The form is a modal dialog with the following fields and values:

- User ID : 10
- Username : Kyy
- Full Name: Riskii Yoga
- Role : Owner
- Password : (empty input)
- Status : Active (checked)

EDIT USER ROLE

QuickStock - Admin Dashboard (Admin Demo)

Other Menu

Products management User management Supplier management

search Search Clear Refresh Low Stock Report

Edit User

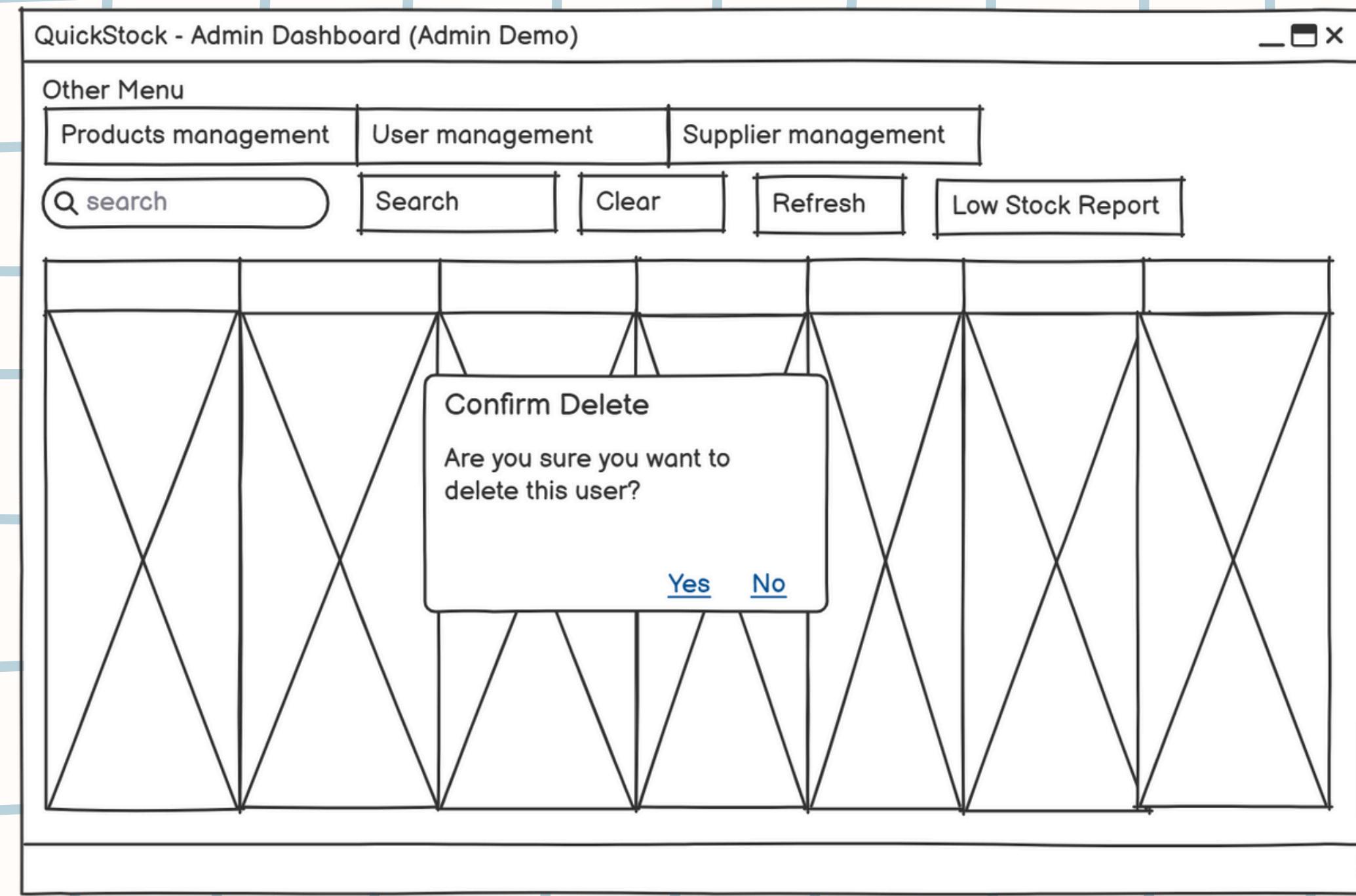
User ID :	10
Username :	Kyy
Full Name:	Riskii Yoga
Role :	Owner
Password :	Owner Admin Cashier Warehouse
Status :	

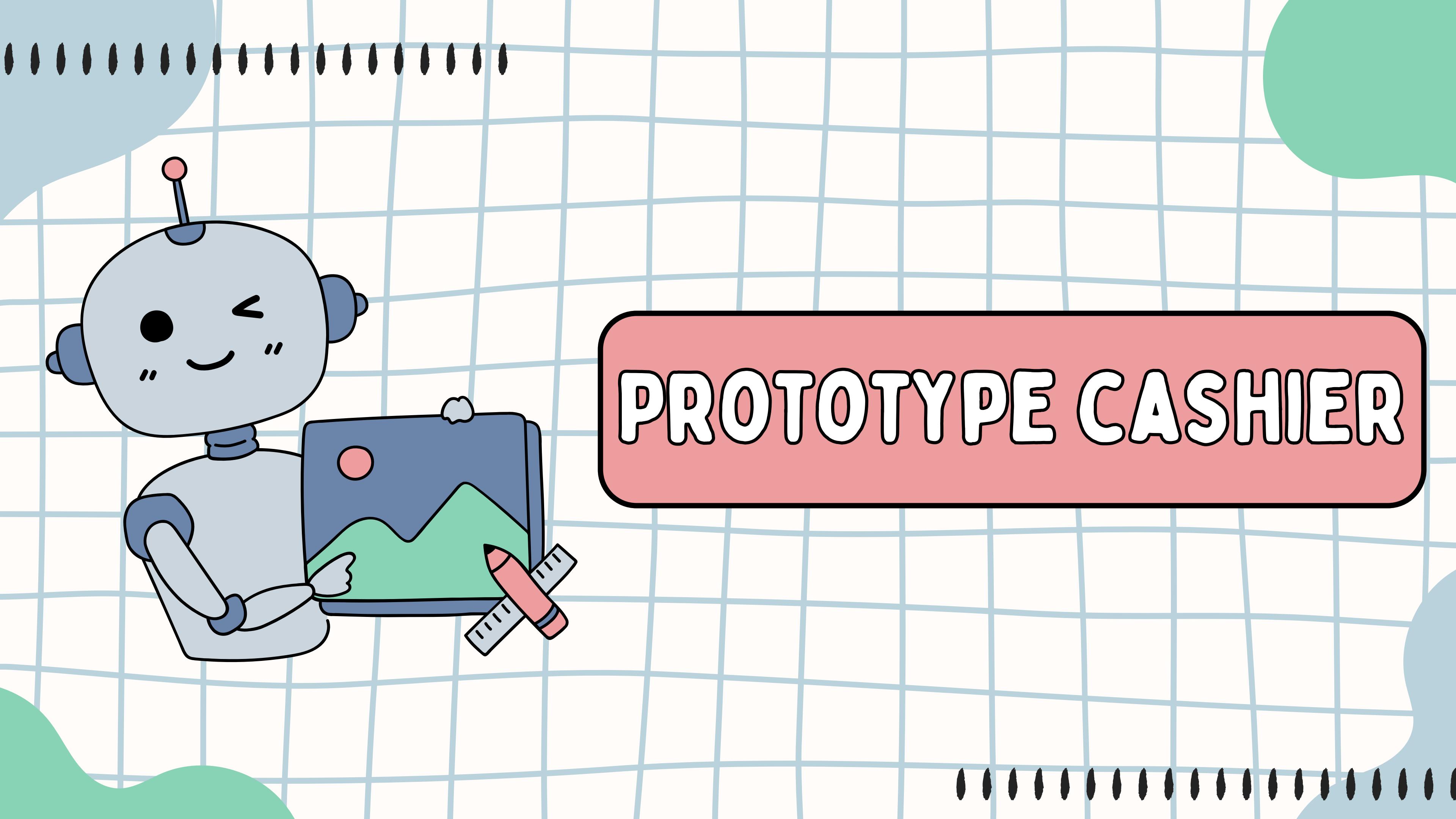
OK Cancel

The form contains the following data:

- User ID: 10
- Username: Kyy
- Full Name: Riskii Yoga
- Role: Owner
- Password: Owner, Admin, Cashier, Warehouse
- Status: (empty)

DELETE USER



A cartoon illustration of a friendly-looking robot with a large head, small body, and blue and grey components. It has a single antenna with a red bulb at the top. The robot is holding a clipboard with a blue cover featuring a green line graph. A pink crayon lies next to the clipboard. The background consists of a light blue grid. In the bottom right corner, there's a large green circle and a partial view of a grey circle.

PROTOTYPE CASHIER

LOGIN

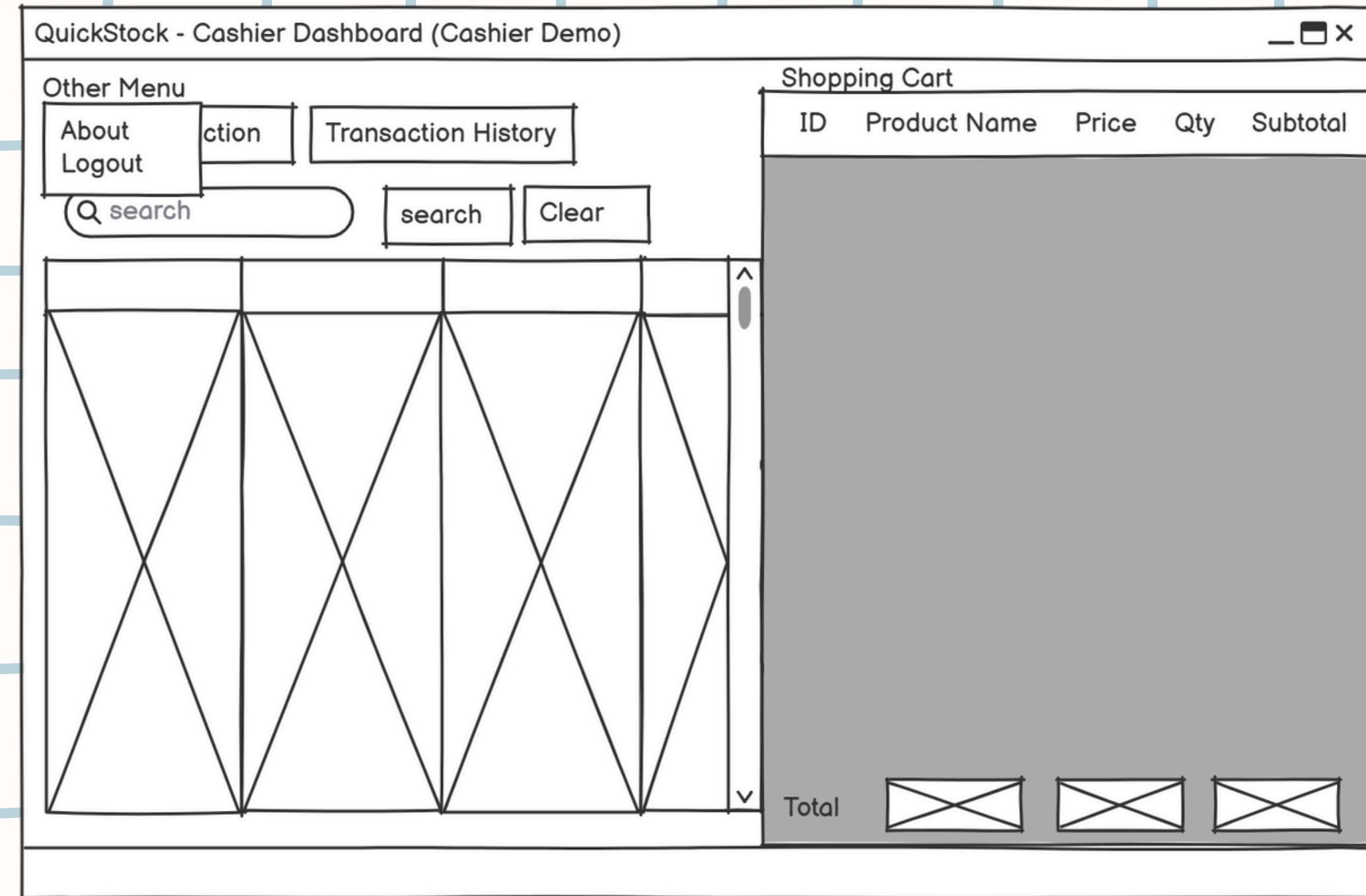
QuickStock - Login

QUICKSTOCK

Username

Password

NEW TRANSACTION MENU



SHOPPING CART

The screenshot shows a software application window titled "QuickStock - Cashier Dashboard (Cashier Demo)". The window has a standard OS X-style title bar with minimize, maximize, and close buttons.

Left Panel (Other Menu):

- New Transaction**: A button with a black border.
- Transaction History**: A button with a black border.

Search Bar:

- search**: An input field containing the placeholder text "search".
- search**: A button with a black border.
- Clear**: A button with a black border.

Content Area:

A large, empty rectangular area with a light gray background, representing a placeholder for transaction history or search results.

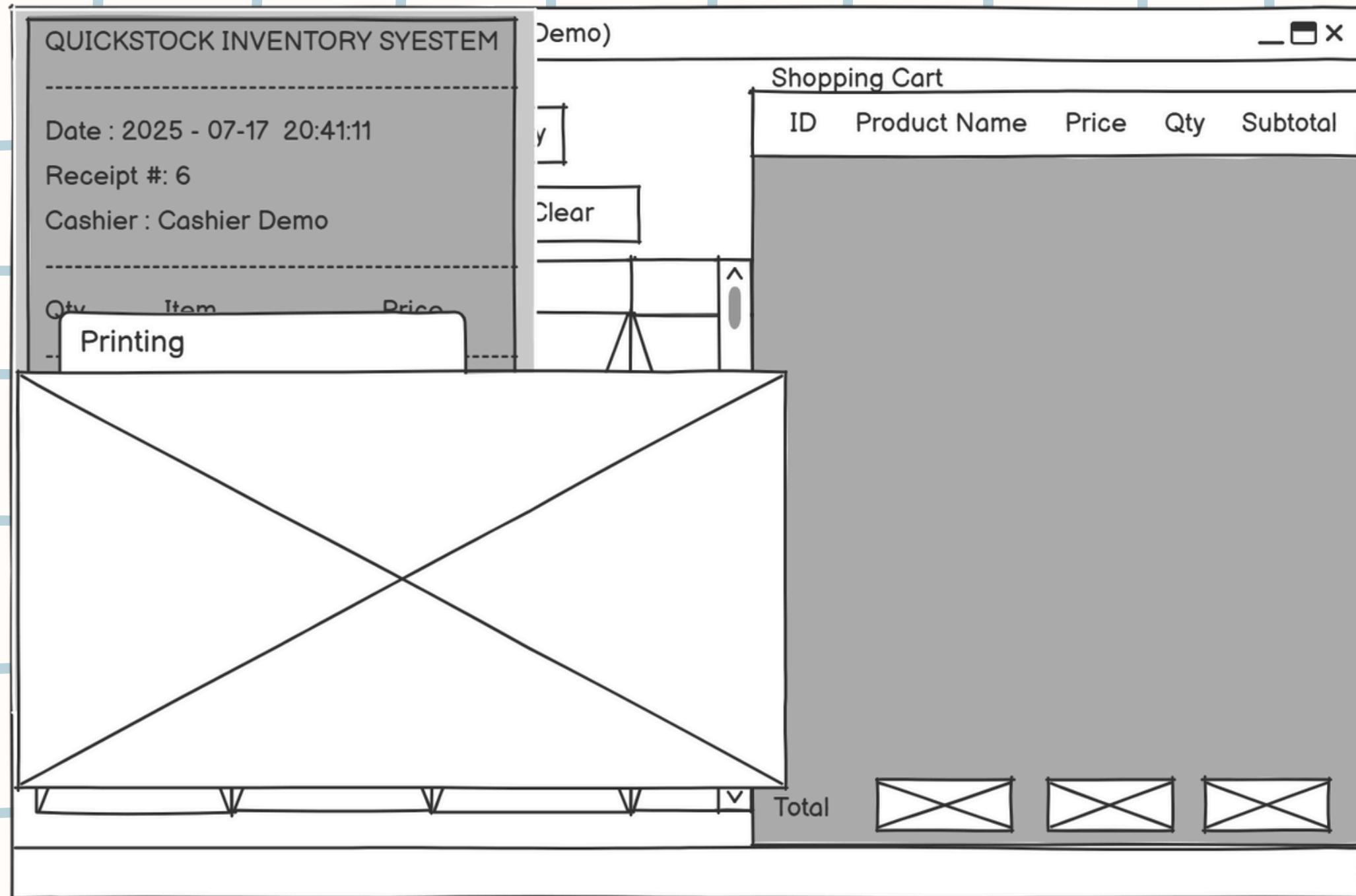
Right Panel (Shopping Cart):

Section Header: Shopping Cart

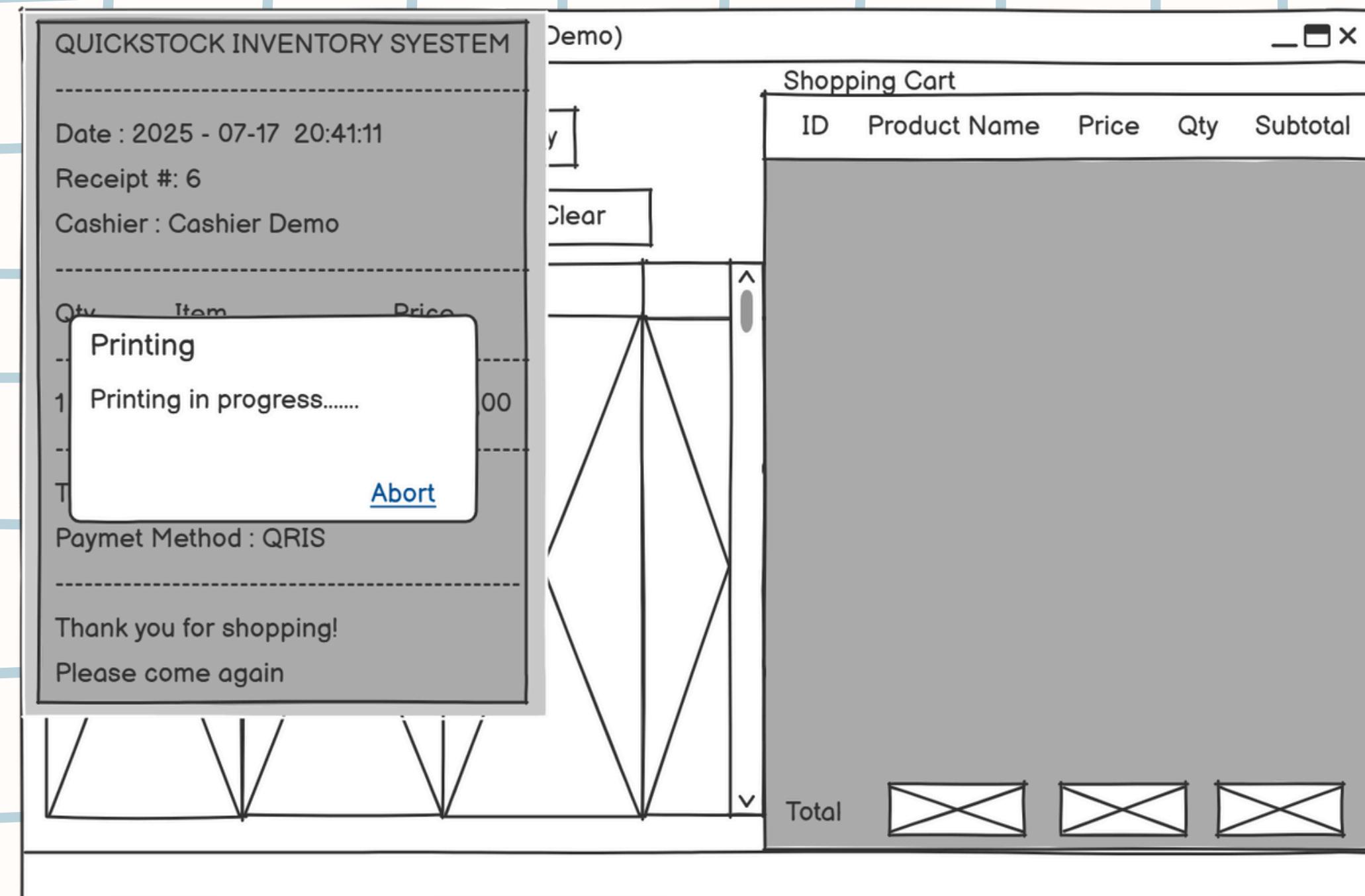
ID	Product Name	Price	Qty	Subtotal

Total: [Redacted] [Redacted] [Redacted]

SAVE NOTA



PRINT PROCESS



NOTA

QUICKSTOCK INVENTORY SYESTEM
Demo)

Date : 2025 - 07-17 20:41:11
Receipt #: 6
Cashier : Cashier Demo

Qty	Item	Price
1	Chino Pants	210000,00

TOTAL : 210000,00
Paymet Method : QRIS

Thank you for shopping!
Please come again

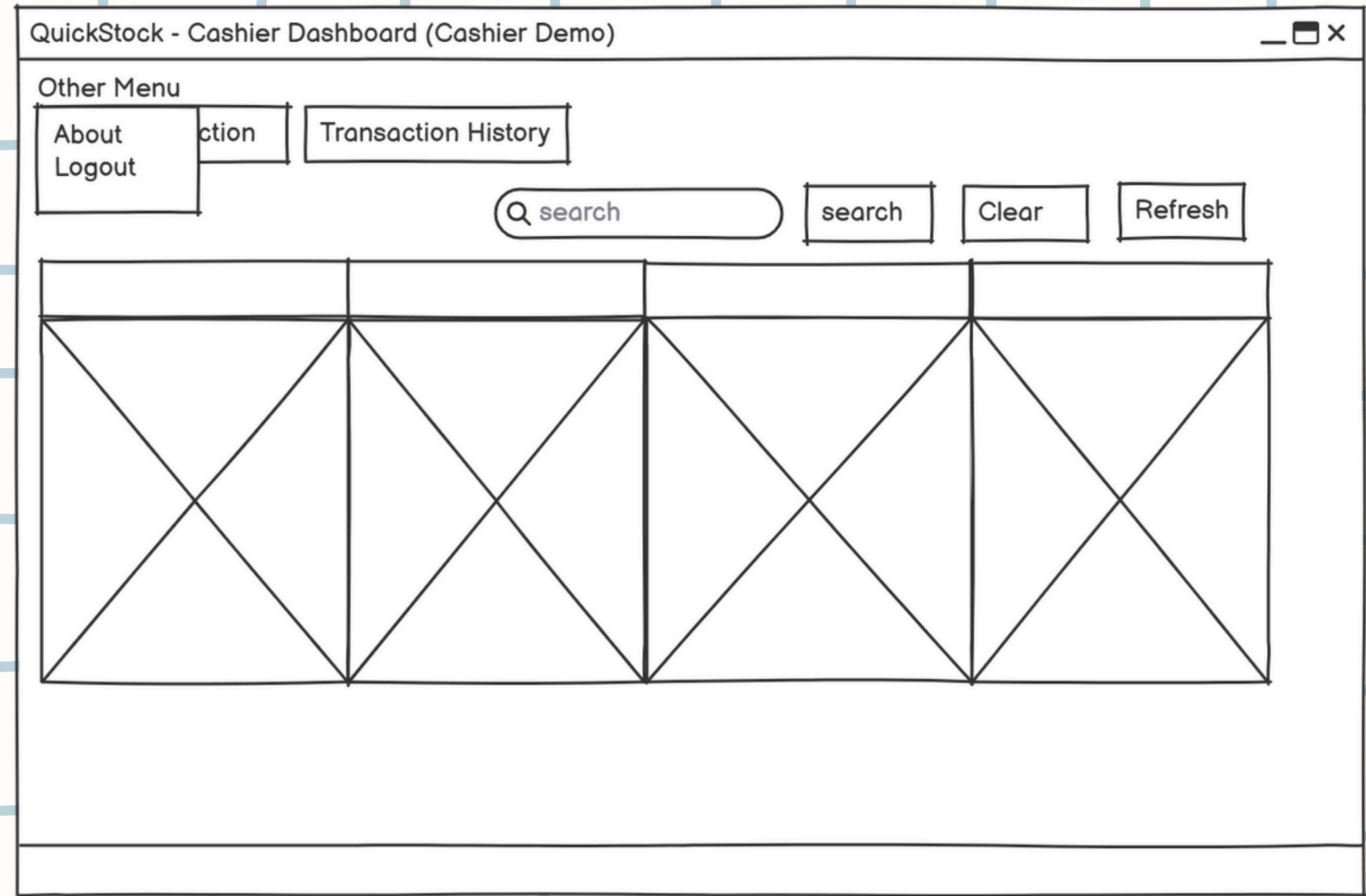
Shopping Cart

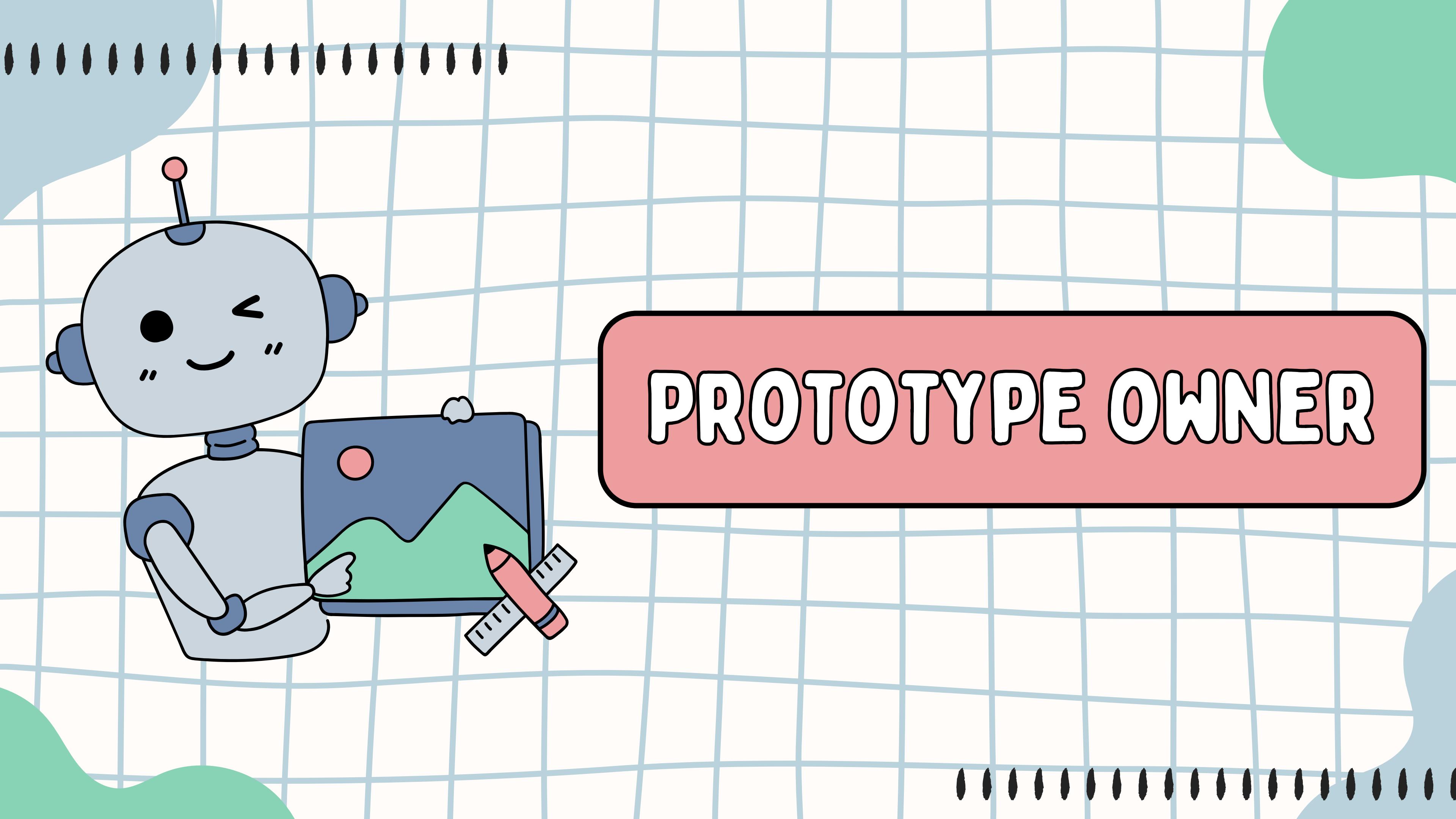
ID	Product Name	Price	Qty	Subtotal

Total

x

TRANSACTION HISTORY MENU





PROTOTYPE OWNER

LOGIN

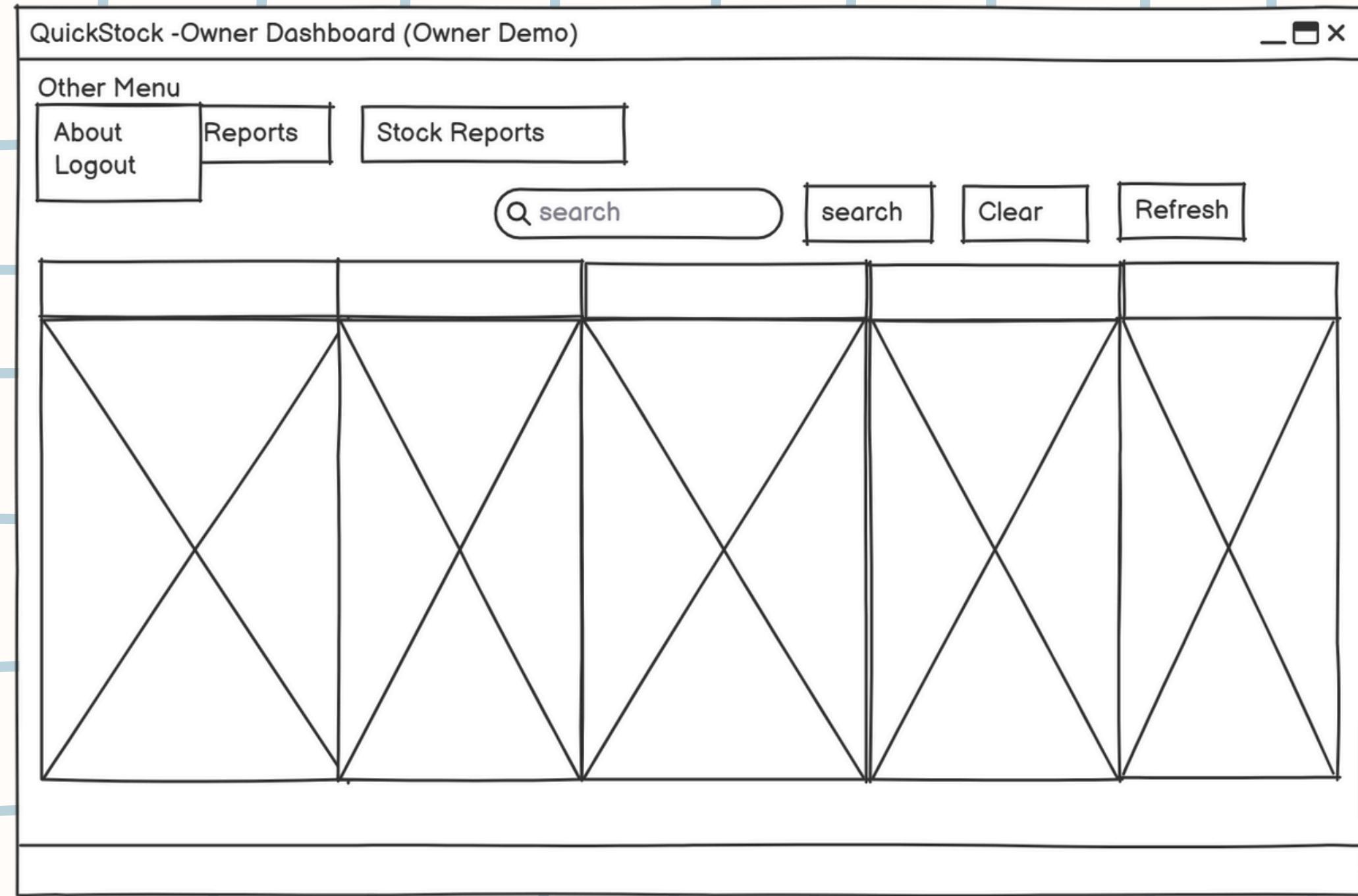
QuickStock - Login

QUICKSTOCK

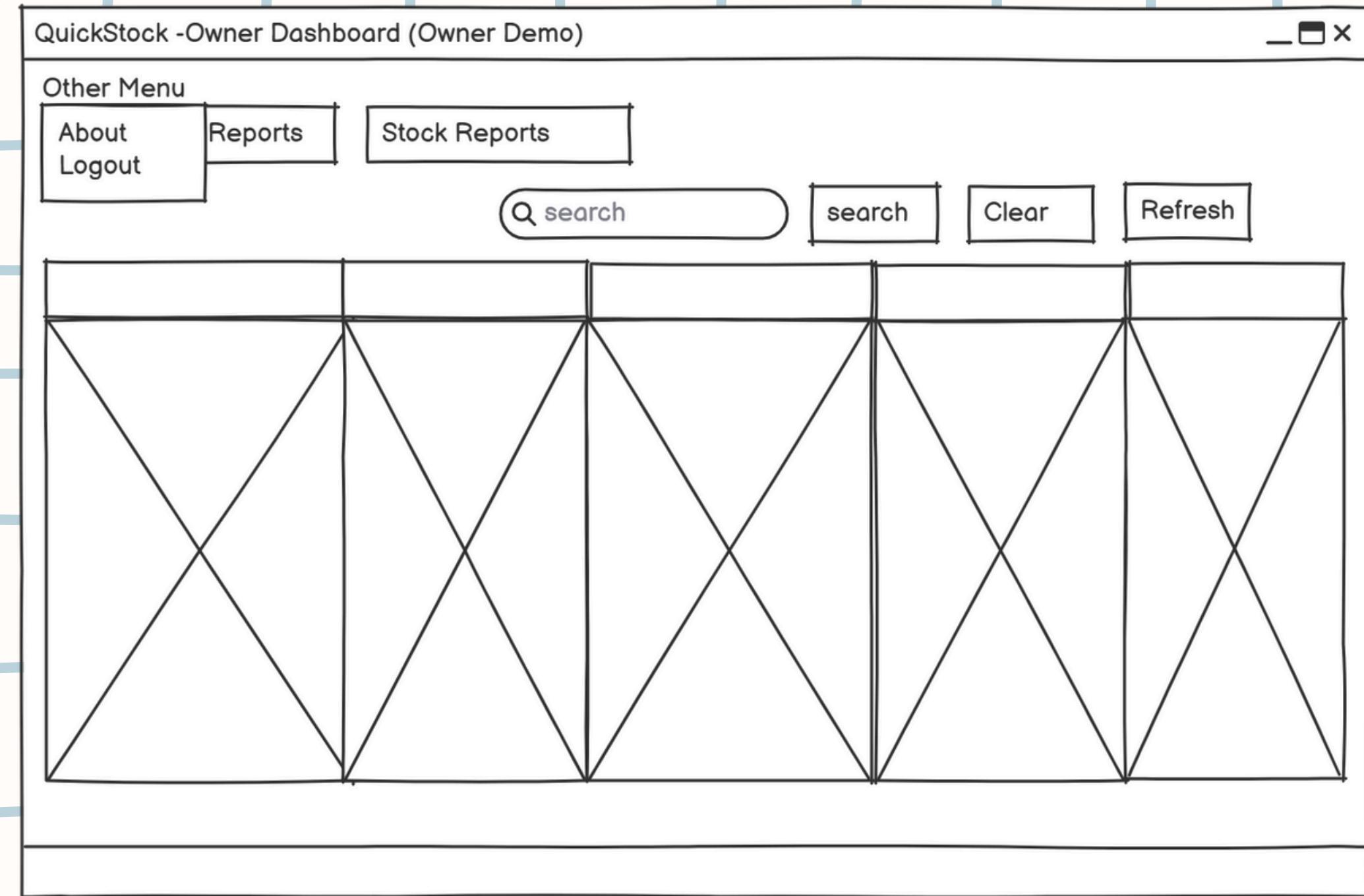
Username

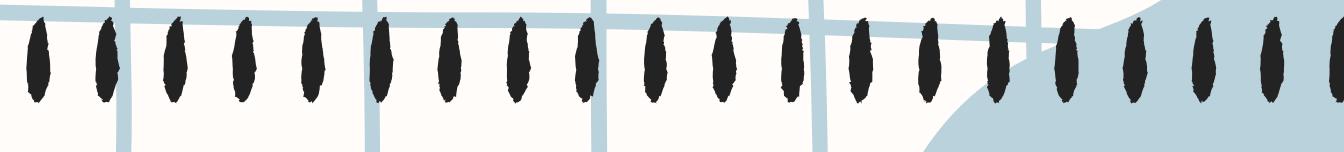
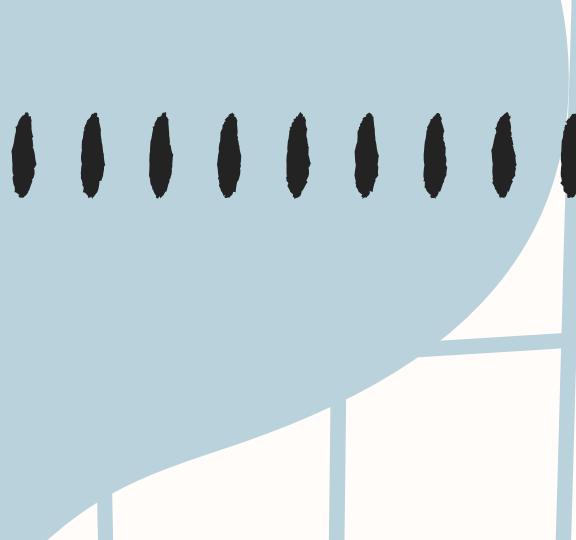
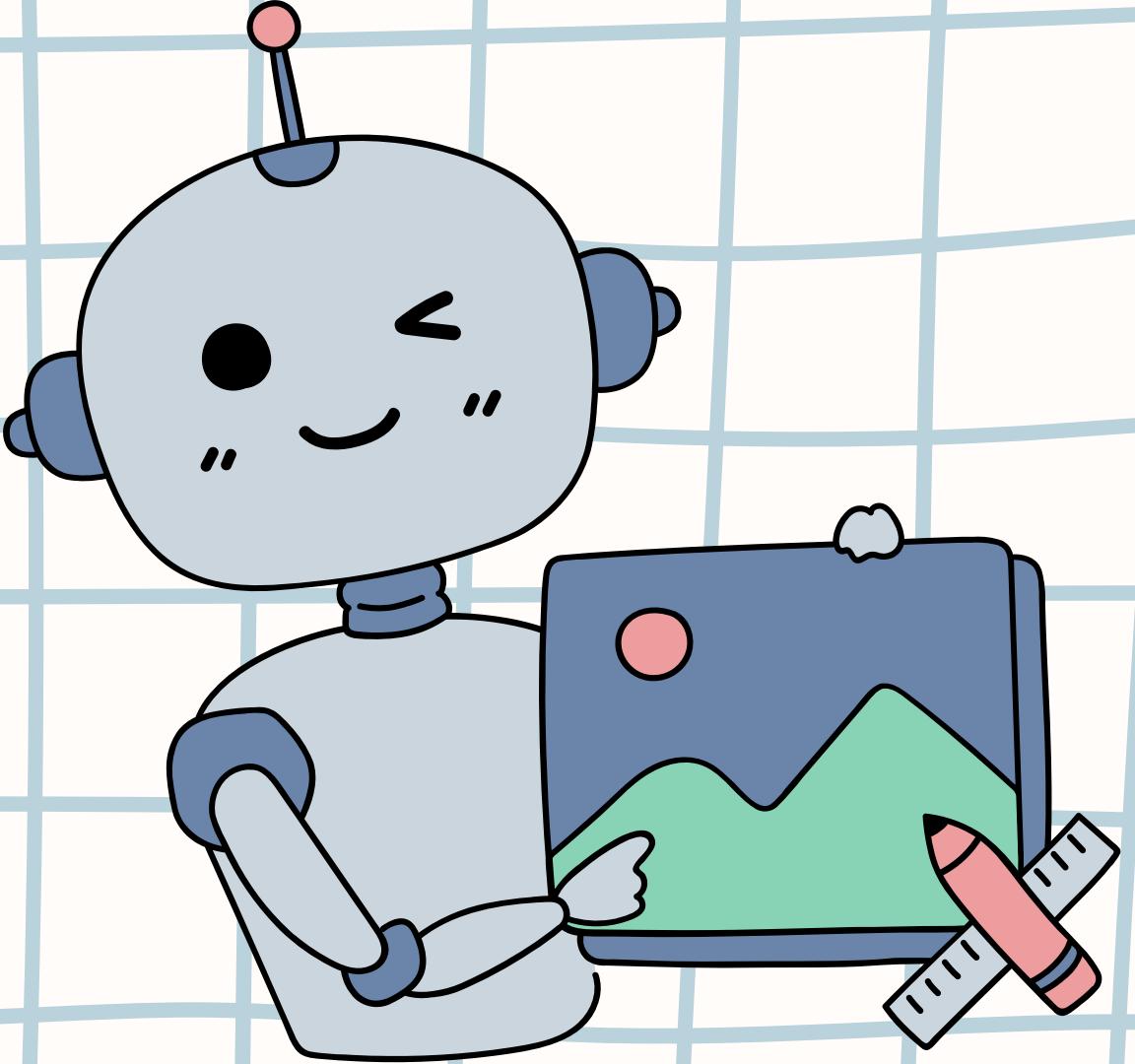
Password

TRANSACTION REPORT



STOCK REPORT





PROTOTYPE WAREHOUSE

LOGIN

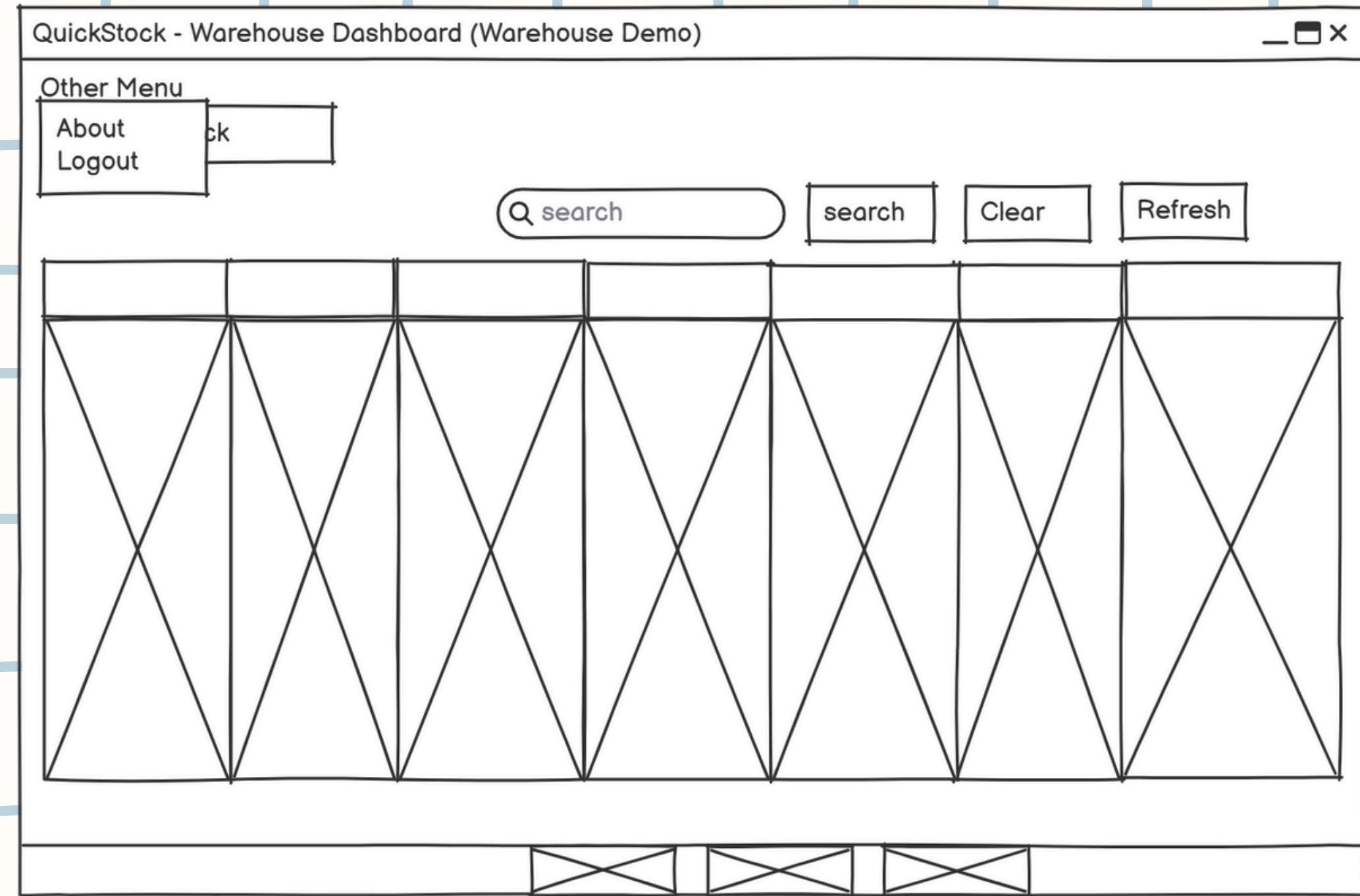
QuickStock - Login

QUICKSTOCK

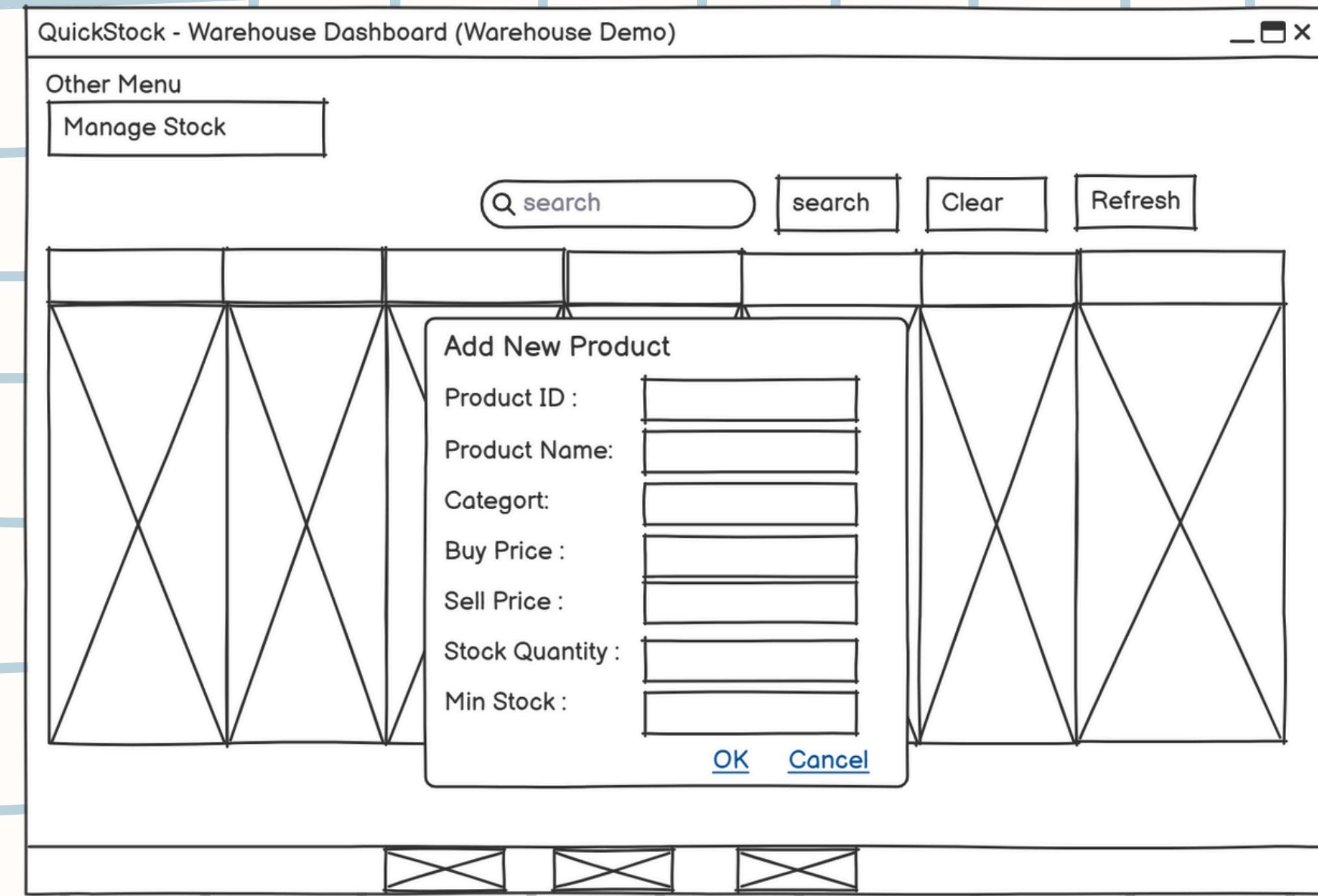
Username

Password

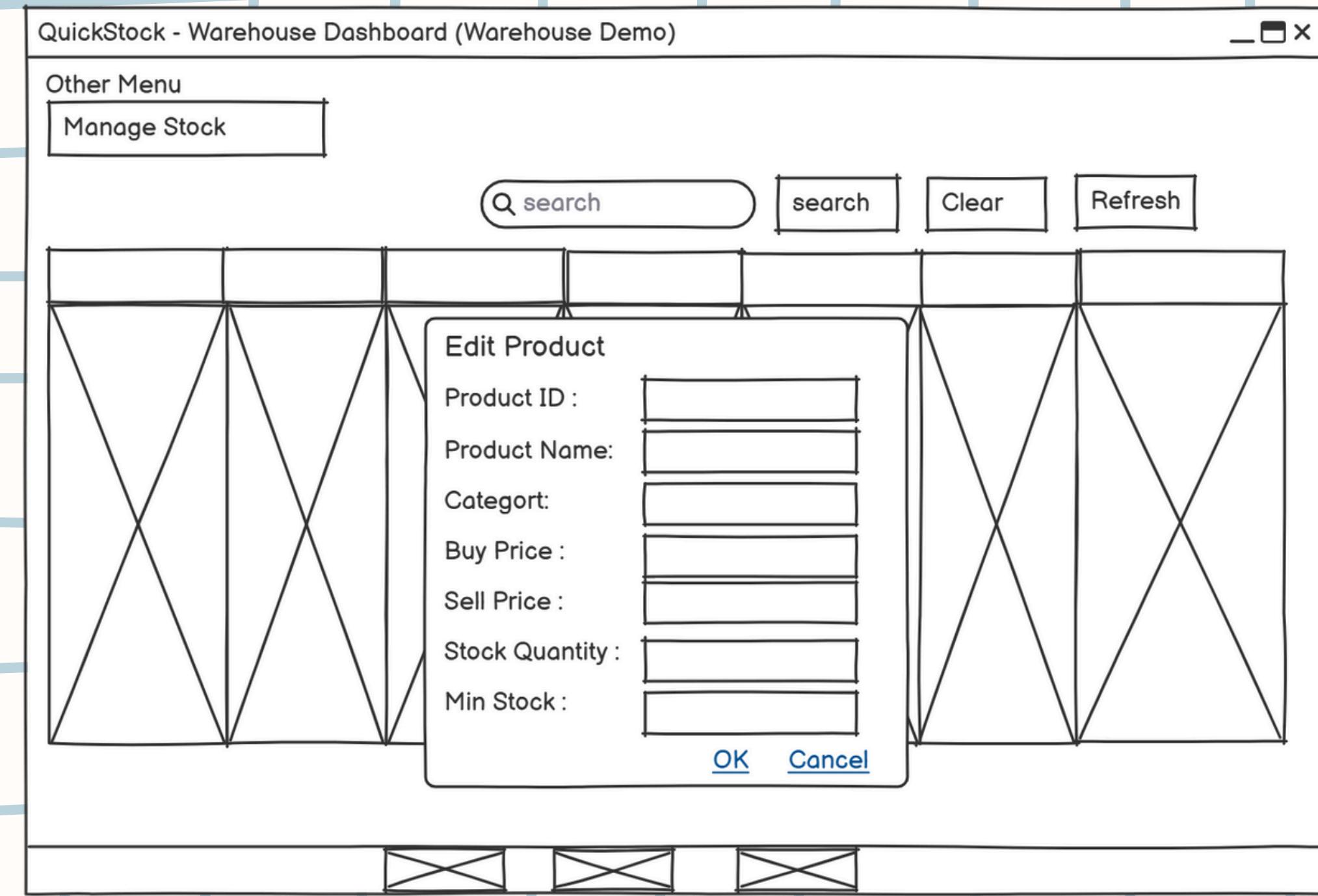
MANAGE STOCK MENU



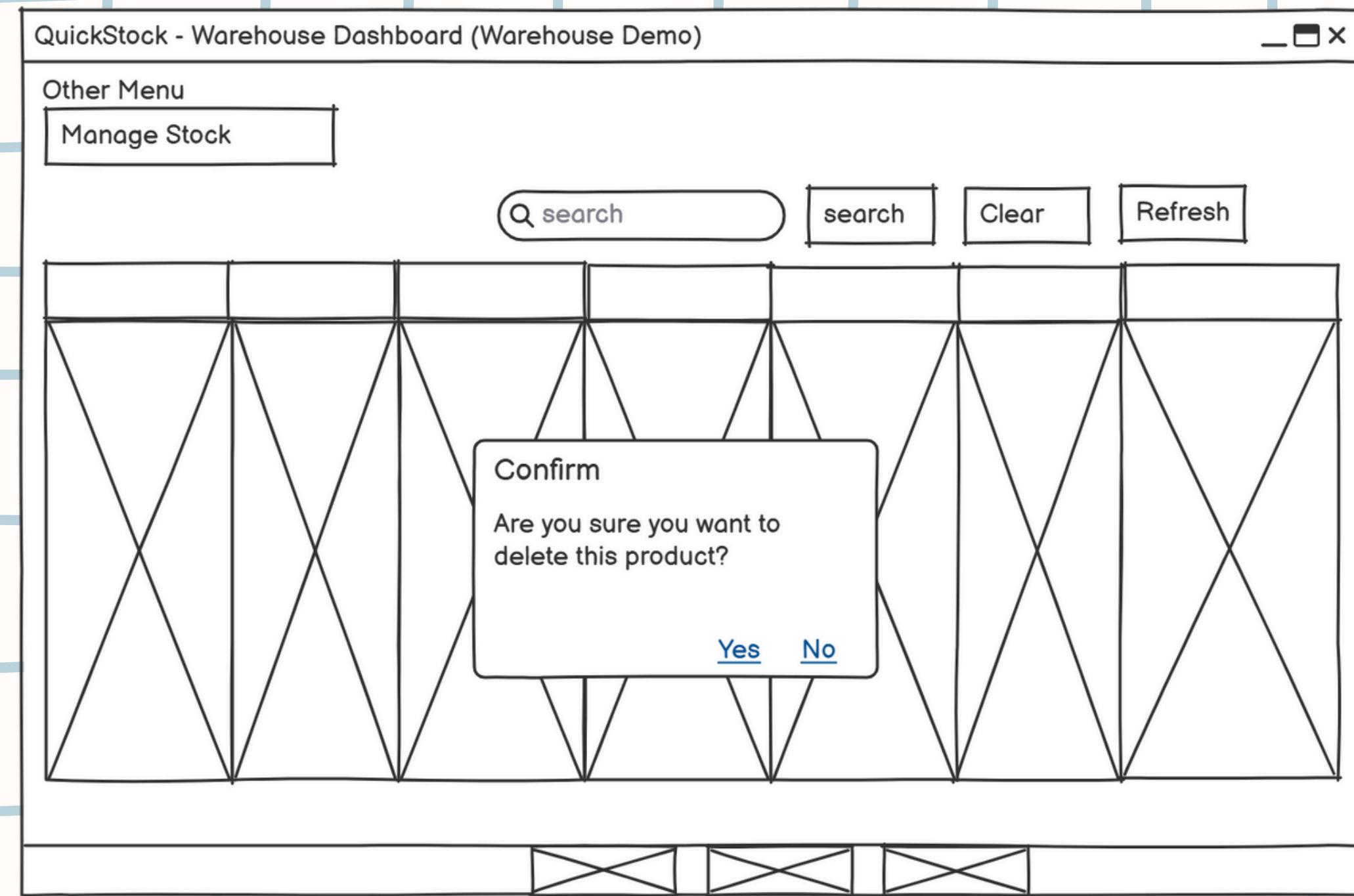
ADD PRODUCT



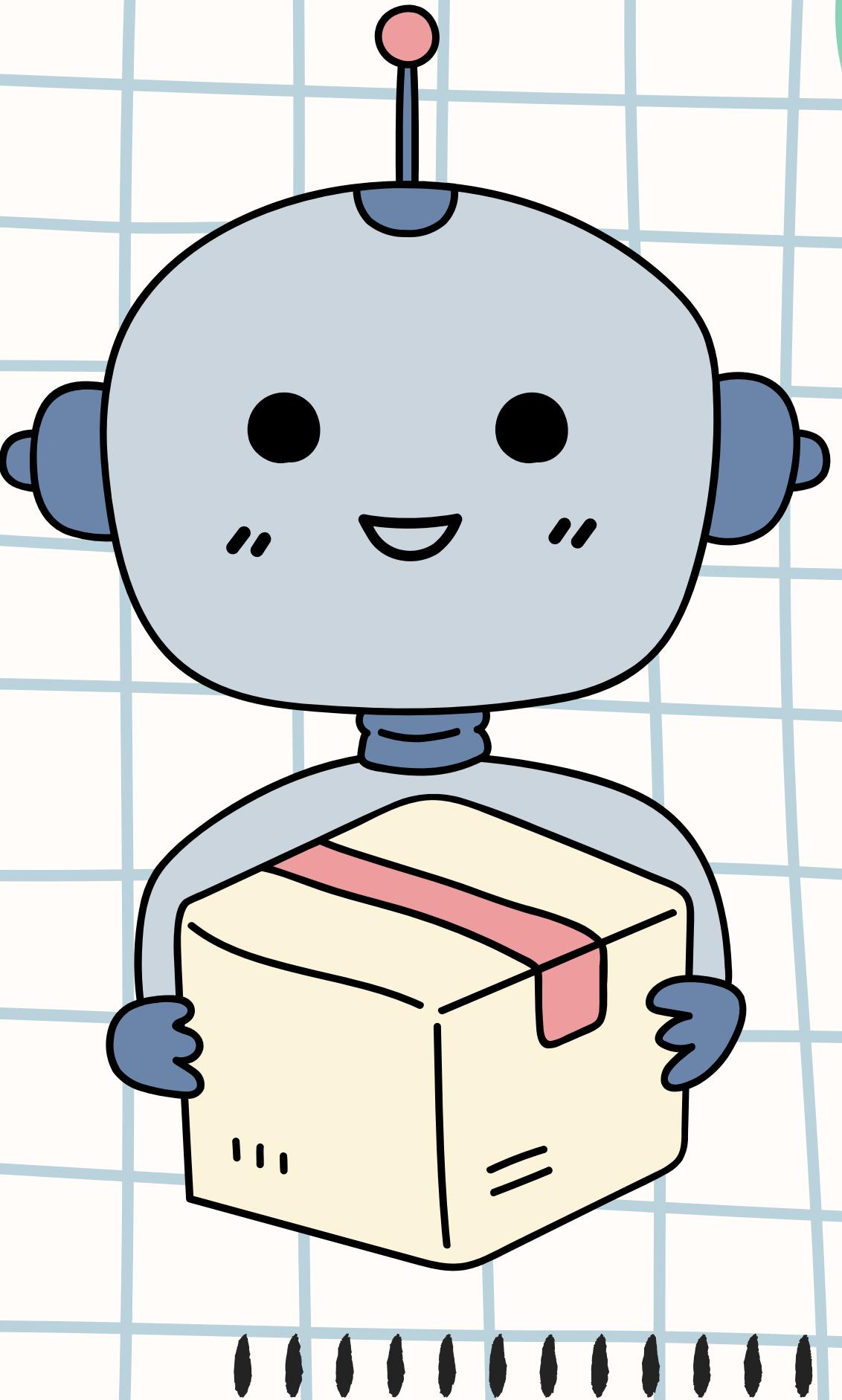
EDIT PRODUCT



DELETE PRODUCT



BLACKBOX TEST



LOGIN

No	Skenario Pengujian	Input	Hasil Output yang Diharapkan	Hasil
1.	Login dengan data valid	Username dan Password benar	Masuk ke dashboard sesuai role	Sesuai
2.	Login dengan password salah	Username benar, Password salah	Pesan error "Invalid username or password"	Sesuai
3.	Login dengan Username salah	Username salah, Password Benar	Pesan error "Invalid username or password"	Sesuai
4.	Login kosong	Tidak mengisi form login	Pesan error "Please enter username and password"	Sesuai

PRODUCT MANAGEMENT

5.	Klik tombol navigasi Products Management	Klik Products Management	Menu Products Management terbuka	Sesuai
6.	Akses menu Produk - tombol About	Klik tombol About	Informasi tentang aplikasi ditampilkan	Sesuai
7.	Klik tombol logout	Klik logout	Kembali ke login	Sesuai
8.	Cari Produk berdasarkan nama	Masukkan nama produk	Tabel menampilkan hasil pencarian	Sesuai
9.	Klik "Low Stock Report"	-	Tampilan laporan stock minimum	Sesuai

USER MANAGEMENT

No	Skenario Pengujian	Input	Hasil Output yang Diharapkan	Hasil
15.	Tambah user baru dengan role	Isi data user sesuai role	Data user berhasil disimpan	Sesuai
16.	Delete user tanpa memilih user	Klik tombol Delete tanpa memilih user	Muncul pesan error "Please select a user to delete"	Sesuai
17.	Edit user tanpa memilih user	Klik tombol Edit tanpa memilih user	Muncul pesan error "Please select a user to edit"	Sesuai
18.	Edit role user	Role diubah dari Admin ke Owner	Perubahan role berhasil disimpan	Sesuai
19	Tambah user baru	Isi data user	Data user berhasil disimpan	Sesuai

SUPPLIER MANAGEMENT

No	Skenario Pengujian	Input	Hasil Output yang Diharapkan	Hasil
10.	Buka halaman About	Klik tombol About	Informasi tentang aplikasi tampil	Sesuai
11.	Tambah supplier dengan lengkap	Data lengkap Supplier(id, name, contact person, phone, address)	Data supplier berhasil ditambahkan ke sistem	Sesuai
12.	Delete supplier tanpa memilih supplier	Klik tombol Hapus tanpa memilih supplier	Muncul pesan error "Please select a supplier to delete"	Sesuai
13.	Edit supplier tanpa data	Klik tombol Edit tanpa memilih data	Muncul pesan error "Please select a supplier to edit"	Sesuai
14.	Edit supplier	Nama supplier diubah	Data supplier berhasil diperbarui	Sesuai

NEW TRANSACTION

No	Skenario Pengujian	Input	Hasil Output yang Diharapkan	Hasil
20.	Akses halaman About	Klik tombol About	Informasi aplikasi ditampilkan	Sesuai
21.	Logout dari New Transaction	Klik tombol Logout	Kembali ke halaman login	Sesuai
22.	Cetak transaksi (Print Process)	Transaksi selesai > klik tombol Print	Nota transaksi dicetak	Sesuai
23.	Akses pengaturan cetak (Print Setting)	Klik tombol Print Setting	Jendela pengaturan printer muncul	Sesuai
24.	Proses transaksi dengan metode pembayaran	Pilih produk , klik process transaction, pilih metode pembayaran (cash/Qris)	Transaksi berhasil, muncul nota transaksi	Sesuai
25.	Simpan nota transaksi	Klik tombol Simpan Nota	File nota tersimpan di perangkat	Sesuai
25.	Isi keranjang belanja (Shopping Cart)	Tambahkan produk ke daftar belanja	Produk tampil di keranjang	Sesuai
27.	Simpan transaksi tanpa produk	Tidak ada produk di keranjang > klik Proses	Muncul pesan "Cart is empty"	Sesuai

TRANSACTION HISTORY

No	Skenario Pengujian	Input	Hasil Output yang Diharapkan	Hasil
28.	Buka halaman About di Transaction History	Klik tombol About	Informasi aplikasi ditampilkan	Sesuai
29.	Logout dari Transaction History	Klik tombol Logout	Pengguna diarahkan ke halaman login	Sesuai
30.	Navigasi ke menu utama	Klik tombol Menu	Halaman dashboard terbuka	Sesuai
31.	Tampilkan histori transaksi	Buka halaman Transaction History	Semua data transaksi yang sudah terjadi ditampilkan	Sesuai
32.	Buka halaman About di Transaction History	Klik tombol About	Informasi aplikasi ditampilkan	Sesuai

STOCK REPORT

No	Skenario Pengujian	Input	Hasil Output yang Diharapkan	Hasil
33.	Akses laporan stok	Klik menu Stock Report	Daftar seluruh stok produk tampil	Sesuai
34.	Akses halaman About	Klik tombol About	Informasi aplikasi ditampilkan	Sesuai
35.	Logout dari Stock Report	Klik tombol Logout	Kembali ke halaman login	Sesuai
36.	Pencarian stok berdasarkan nama produk	Masukkan kata kunci di kolom search > klik cari	Produk sesuai kata kunci ditampilkan	Sesuai
37.	Akses halaman About	Klik tombol About	Informasi aplikasi ditampilkan	Sesuai

TRANSACTION REPORT

No	Skenario Pengujian	Input	Hasil Output yang Diharapkan	Hasil
38.	Akses halaman About	Klik tombol About	Informasi aplikasi ditampilkan	Sesuai
39.	Logout dari Transaction Report	Klik tombol Logout	Pengguna kembali ke halaman login	Sesuai
40.	Navigasi ke menu utama	Klik tombol Menu	Dashboard utama tampil	Sesuai
41.	Menampilkan laporan transaksi	Buka Transaction Report	Semua data transaksi ditampilkan sesuai filter	Sesuai
42.	Akses halaman About	Klik tombol About	Informasi aplikasi ditampilkan	Sesuai

MANAGE STOCK

No	Skenario Pengujian	Input	Hasil Output yang Diharapkan	Hasil
43.	Buka halaman About di Manage Stock	Klik tombol About	Informasi tentang sistem muncul	Sesuai
44.	Tambah produk baru ke stok	Isi semua form produk	Produk berhasil disimpan ke database	Sesuai
45.	Delete produk tanpa memilih data	Klik tombol Delete tanpa memilih produk	Muncul peringatan "Please Select a product first"	Sesuai
46.	Delete produk yang dipilih	Pilih salah satu produk > klik Delete	Data produk berhasil dihapus	Sesuai
47.	Edit produk tanpa memilih data	Klik tombol Edit tanpa memilih produk	Muncul pesan "Please Select a product first"	Sesuai
48.	Edit produk dengan data valid	Ganti nama/harga produk > Simpan	Perubahan berhasil tersimpan	Sesuai
49.	Logout dari Manage Stock	Klik tombol Logout	Kembali ke halaman login	Sesuai
50.	Navigasi menu Manage Stock	Klik tombol Menu	Halaman dashboard tampil	Sesuai

Thanks for your attention!

THE END