

# SE PROJECT

## POS SIMULATOR WEB APPLICATION

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Login page for 3 users Admin,Manager,Cashier

**POS Simulator**  
Point of Sale System

Username  
cashier

Password  
.....

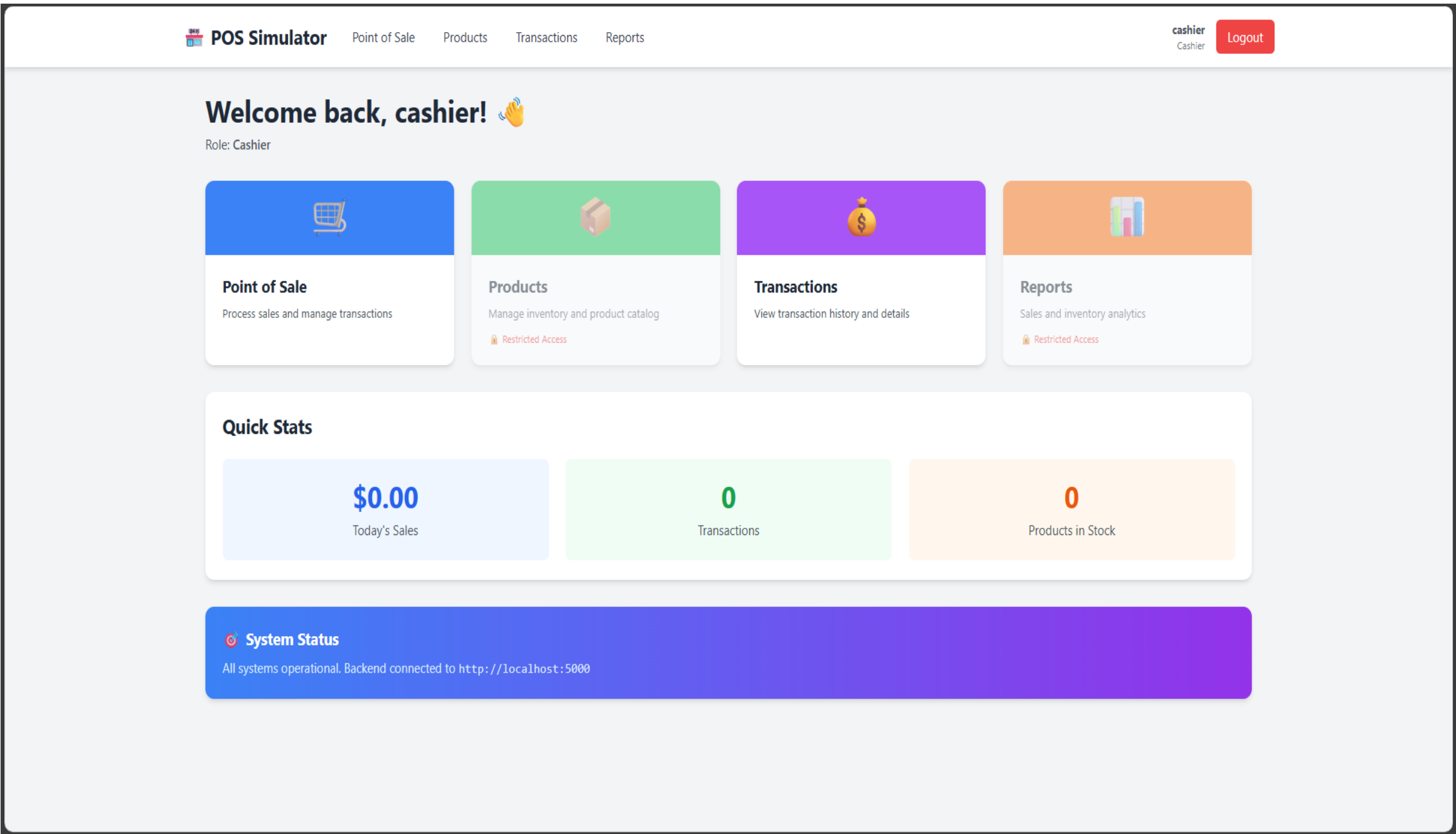
Login

Quick Login (Demo):

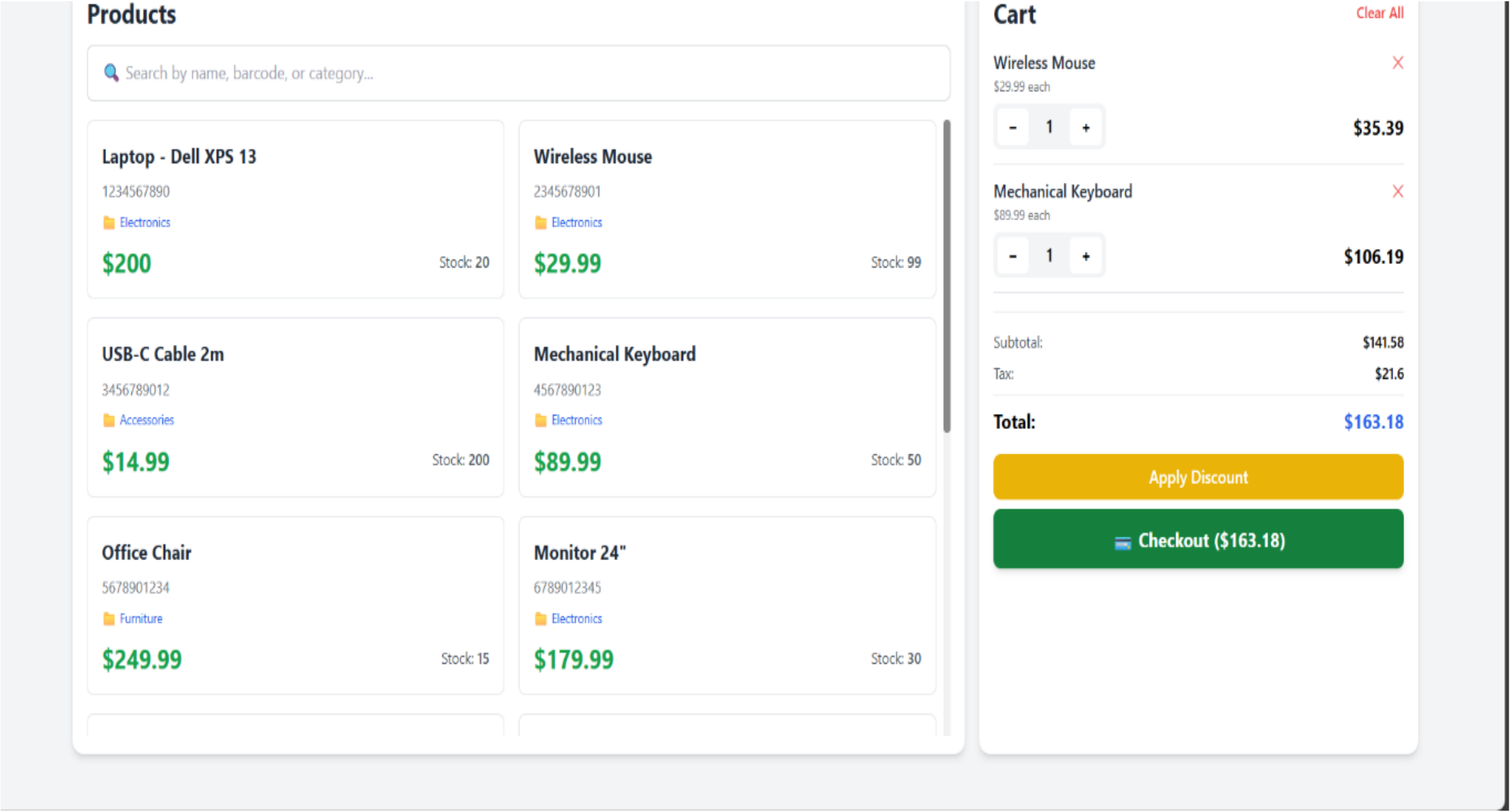
Admin Manager Cashier

Default Credentials:  
admin/admin123 • manager/manager123 • cashier/cashier123

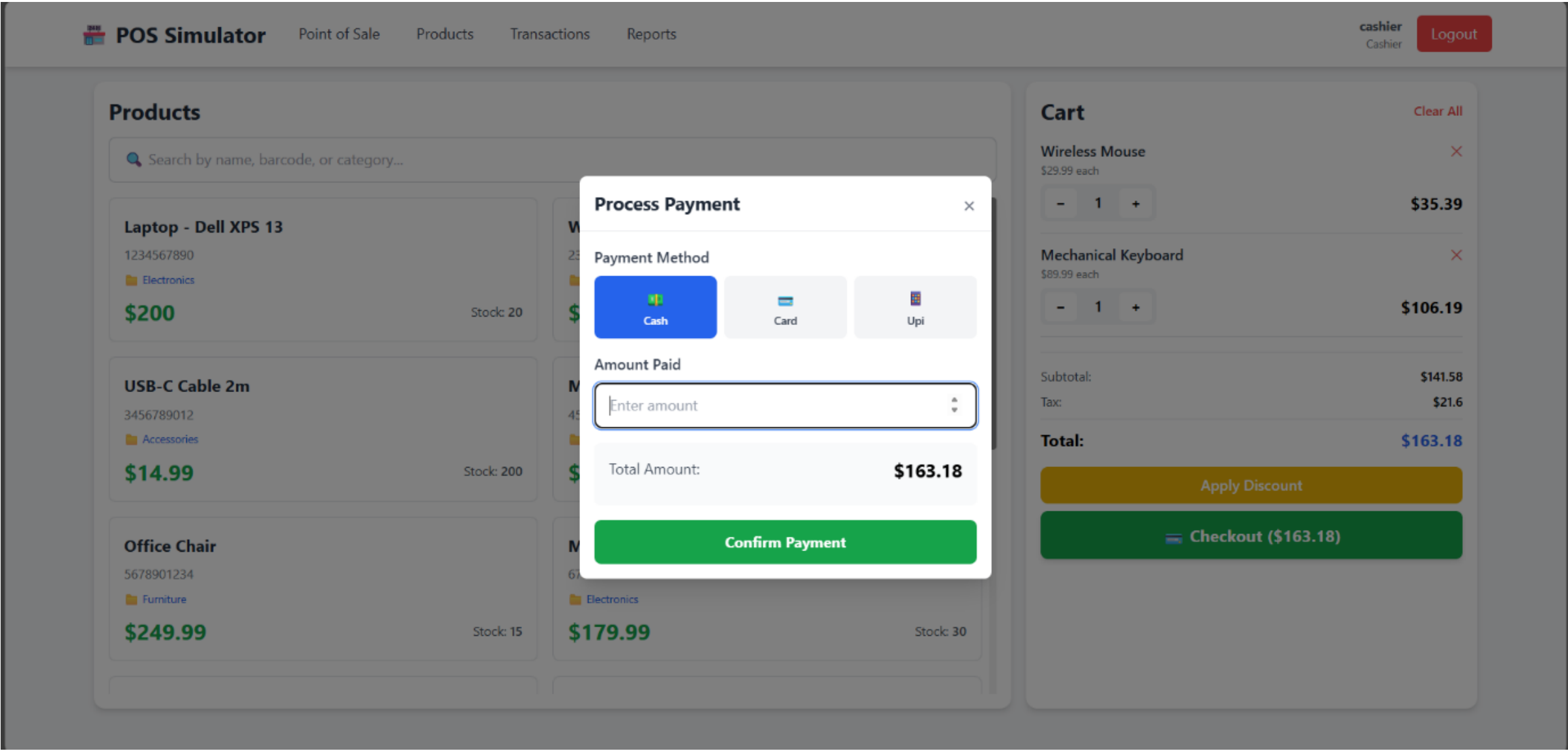
## Cashier Dashboard



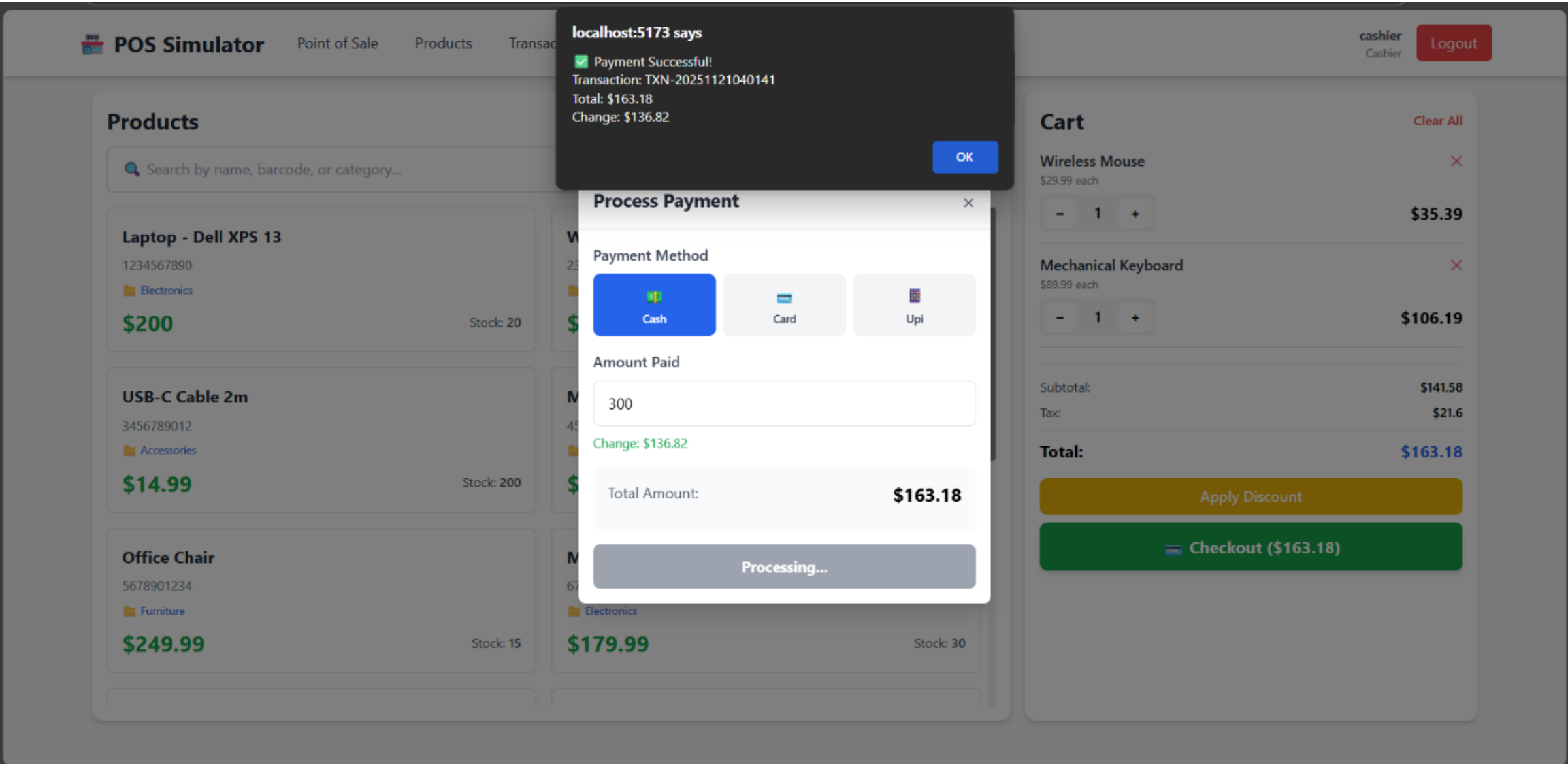
## POS Selection



Payment mode



Confirm Payment



Transaction History

Transaction History							
TRANSACTION #	DATE	TYPE	PAYMENT	ITEMS	TOTAL	STATUS	ACTIONS
TXN-20251121040141	21/11/2025 4:01:41 am	Sale	Cash	2	\$163.18	completed	<a href="#">View</a>
REF-TXN-20251119055758	19/11/2025 5:57:58 am	Refund	Cash	2	\$149.02	completed	<a href="#">View</a>
TXN-20251119055504	19/11/2025 5:55:04 am	Sale	Cash	2	\$149.02	completed	<a href="#">View</a>
TXN-20251014091120	14/10/2025 9:11:20 am	Sale	Upi	2	\$153.18	completed	<a href="#">View</a>
TXN-20251014085800	14/10/2025 8:58:00 am	Sale	Cash	1	\$244.78	completed	<a href="#">View</a>
TXN-20251014084002	14/10/2025 8:40:02 am	Sale	Card	1	\$2714.97	completed	<a href="#">View</a>

Report generation page

POS Simulator

Point of SaleProductsTransactionsReports

cashierCashierLogout

Generate Report

Report Type

Sales Report

Start Date

21-11-2025

End Date

dd-mm-yyyy

Generate Report

Sales Report

Net Sales

\$163.18

Total Transactions

1

Average Transaction

\$163.18

Total Refunds

\$0.00

Payment Methods

Cash

\$163.18

1 transactions

Top Products

Product	Quantity Sold	Revenue
Mechanical Keyboard	1	\$106.19
Wireless Mouse	1	\$35.39

Manager Dashboard

POS Simulator

Point of SaleProductsTransactionsRefundsReports

managerManagerLogout

Welcome back, manager!👋

Role: Manager

Point of Sale

Process sales and manage transactions

Products

Manage inventory and product catalog

Transactions

View transaction history and details

Reports

Sales and inventory analytics

Quick Stats

\$0.00

Today's Sales

0

Transactions

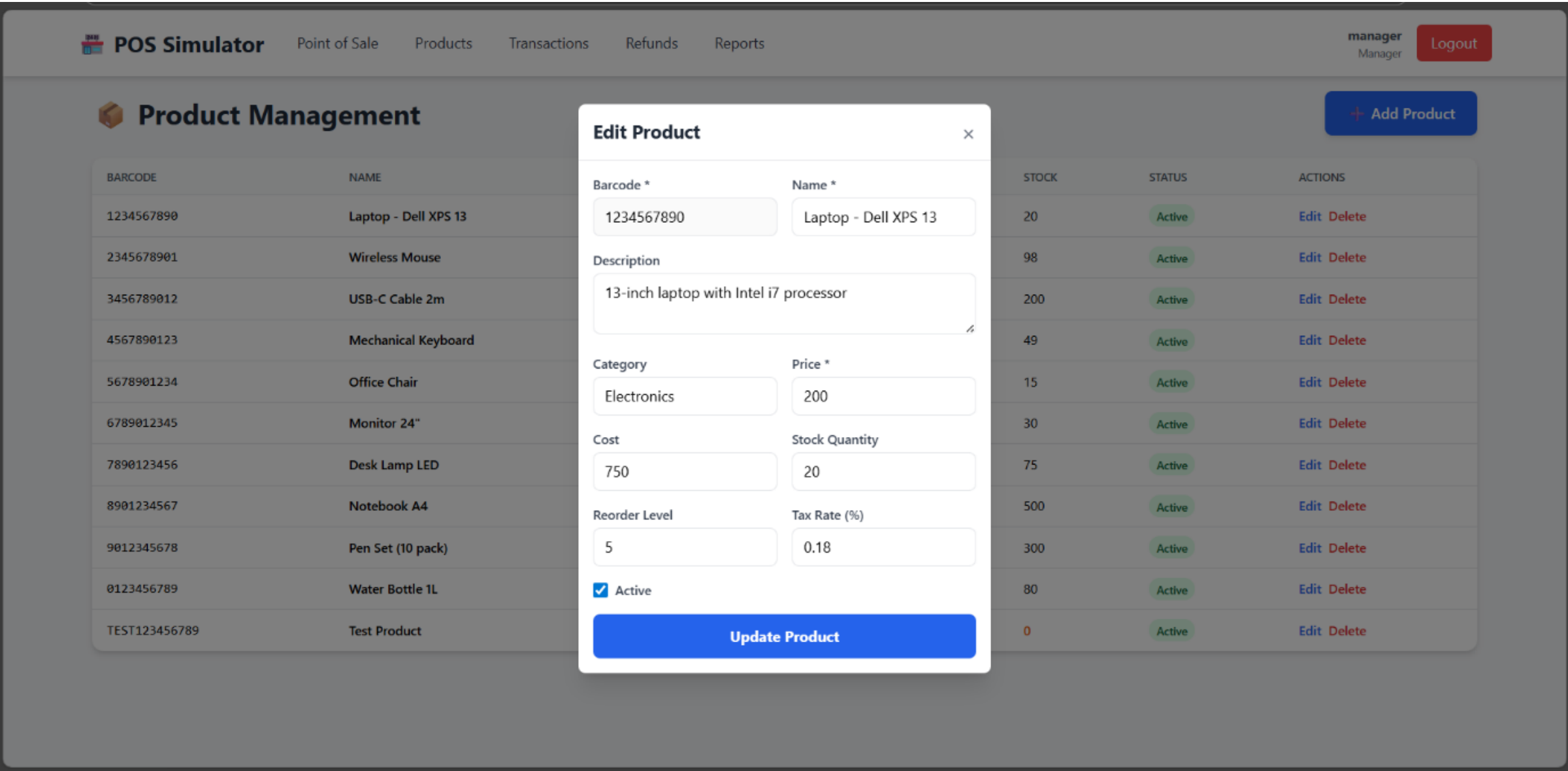
0

Products in Stock

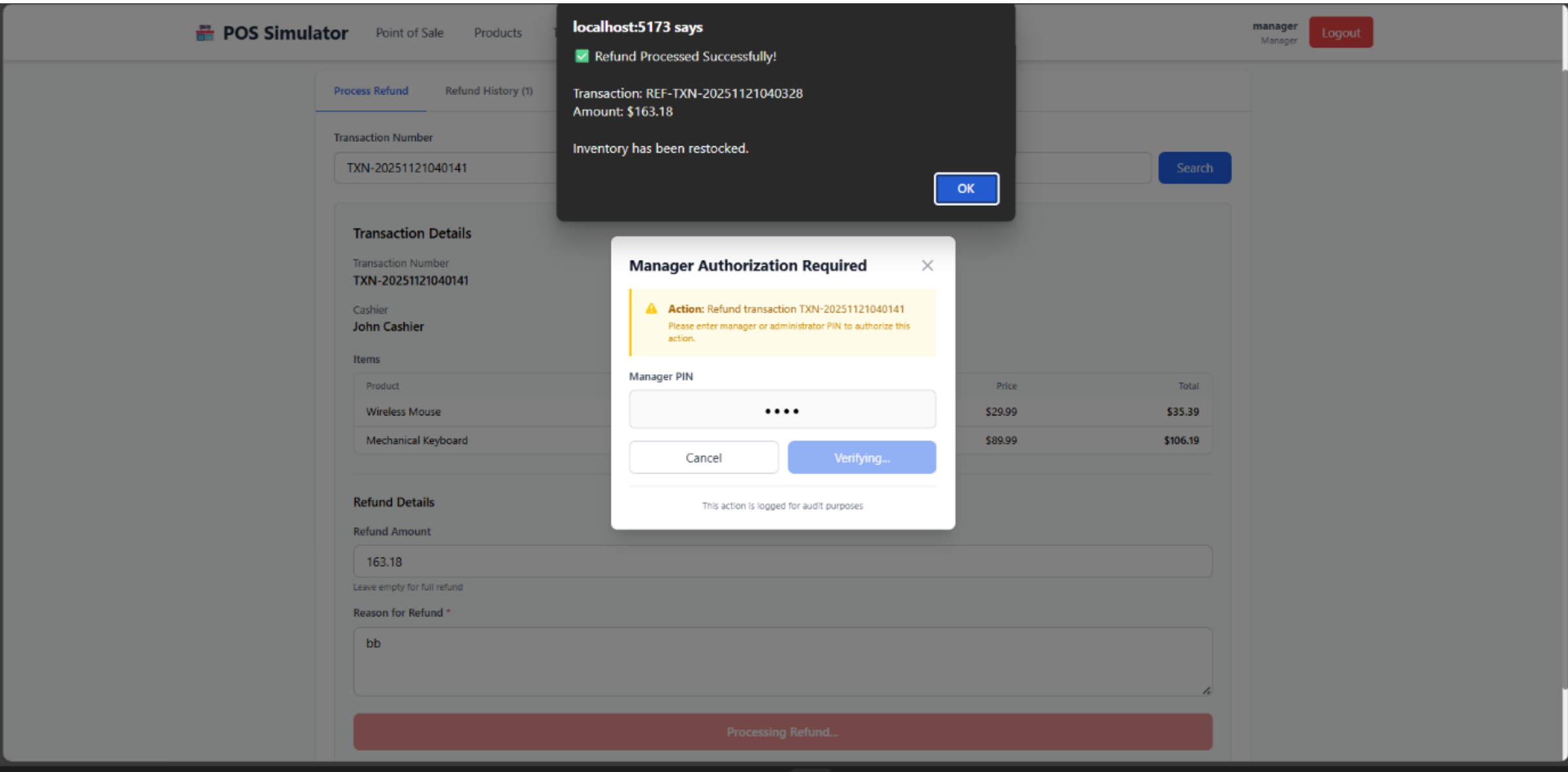
System Status

All systems operational. Backend connected to http://localhost:5000

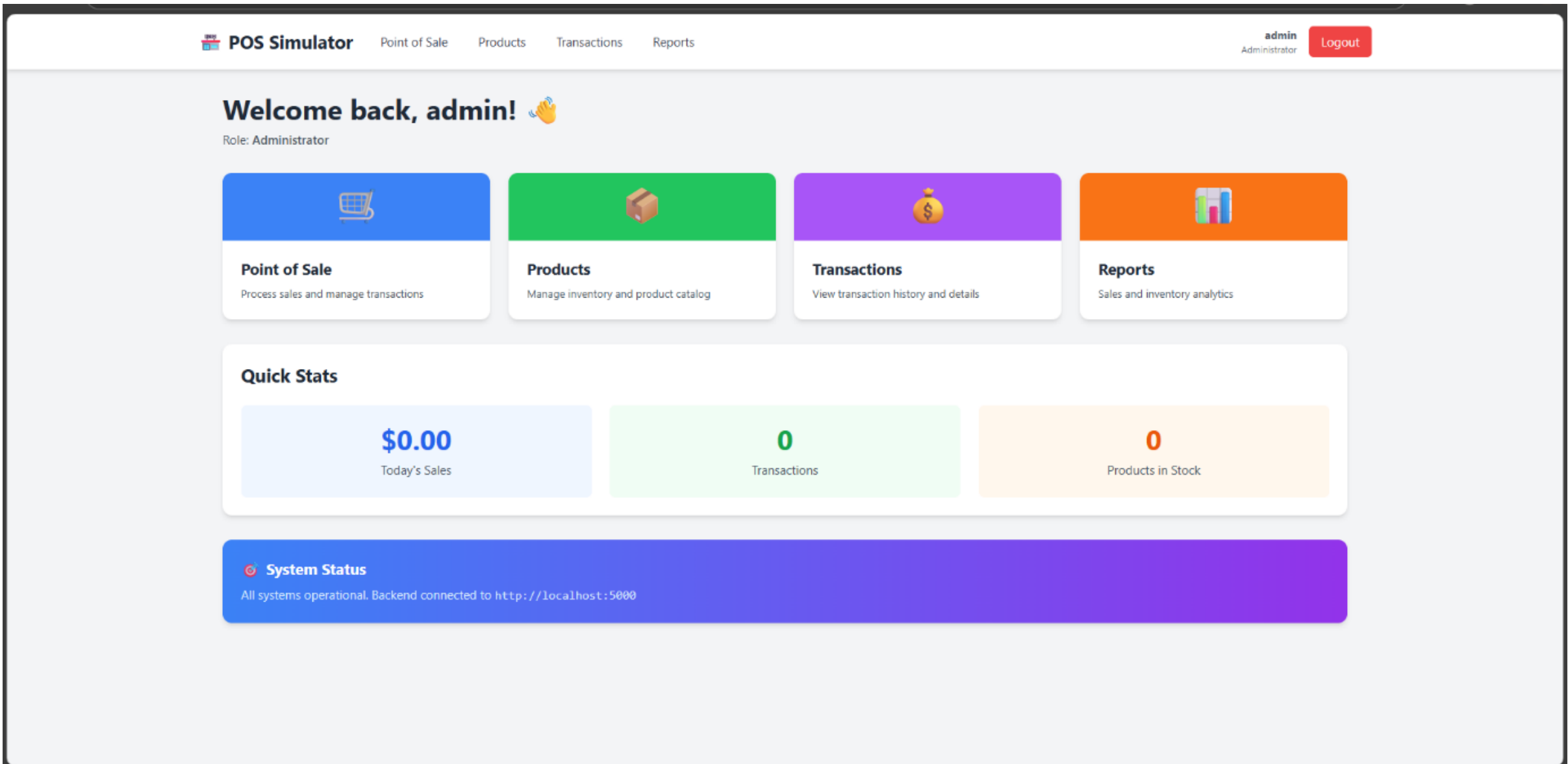
Products Managing page Add,Delete,Update



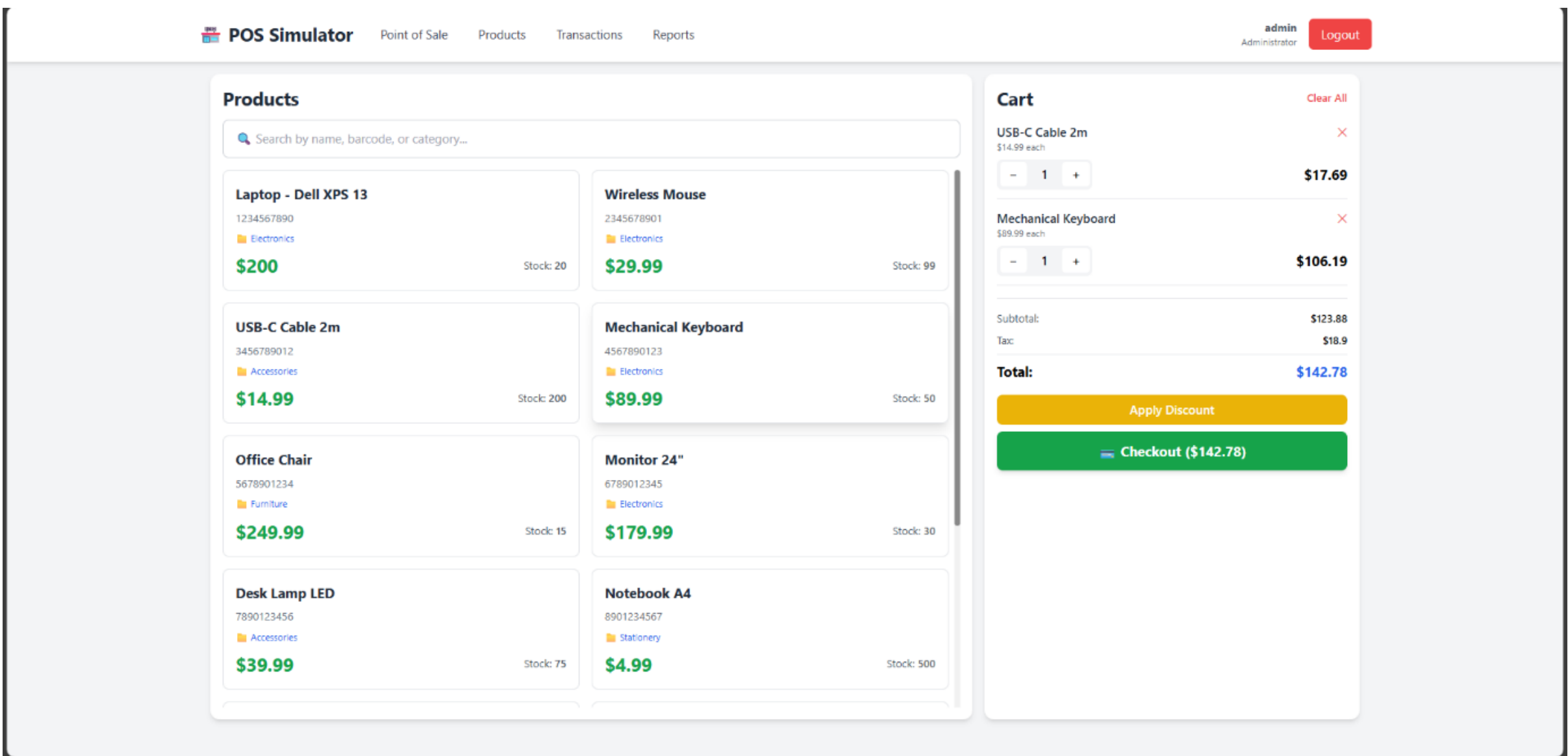
Refund Page(only for Manager)



## Admin Dashboard



## POS Page



Products Managing page Add,Delete,Update

POS Simulator

Point of Sale

Products

Transactions

Reports

admin

Administrator

Logout

Product Management

Add Product

BARCODE	NAME	CATEGORY	PRICE	STOCK	STATUS	ACTIONS
1234567890	Laptop - Dell XPS 13	Electronics	\$200	20	Active	Edit Delete
2345678901	Wireless Mouse	Electronics	\$29.99	99	Active	Edit Delete
3456789012	USB-C Cable 2m	Accessories	\$14.99	200	Active	Edit Delete
4567890123	Mechanical Keyboard	Electronics	\$89.99	50	Active	Edit Delete
5678901234	Office Chair	Furniture	\$249.99	15	Active	Edit Delete
6789012345	Monitor 24"	Electronics	\$179.99	30	Active	Edit Delete
7890123456	Desk Lamp LED	Accessories	\$39.99	75	Active	Edit Delete
8901234567	Notebook A4	Stationery	\$4.99	500	Active	Edit Delete
9012345678	Pen Set (10 pack)	Stationery	\$7.99	300	Active	Edit Delete
0123456789	Water Bottle 1L	Accessories	\$24.99	80	Active	Edit Delete
TEST123456789	Test Product	Test Category	\$99.99	0	Active	Edit Delete

Transaction Page

POS Simulator

Point of Sale

Products

Transactions

Reports

admin

Administrator

Logout

Transaction History

Refresh

TRANSACTION #	DATE	TYPE	PAYMENT	ITEMS	TOTAL	STATUS	ACTIONS
REF-TXN-20251121040328	21/11/2025 4:03:28					completed	View
TXN-20251121040141	21/11/2025 4:01:41					completed	View
REF-TXN-20251119055758	19/11/2025 5:57:58					completed	View
TXN-20251119055504	19/11/2025 5:55:04					completed	View
TXN-20251014091120	14/11/2025 9:11:20					completed	View
TXN-20251014085800	14/11/2025 8:58:00					completed	View
TXN-20251014084802	14/11/2025 8:48:02					completed	View

Transaction Details

Transaction Number

REF-TXN-20251121040328

Date & Time

21/11/2025, 4:03:28 am

Payment Method

Cash

Status

completed

Items

Wireless Mouse

1 × \$29.99

\$35.39

Mechanical Keyboard

1 × \$89.99

\$106.19

Subtotal:

\$-141.58

Tax:

\$-21.6

Total:

\$163.18

Report Viewing Page

POS Simulator

Point of Sale

Products

Transactions

Reports

admin

Administrator

Logout

Reports & Analytics

Generate Report

Report Type

Inventory Report

Generate Report

Inventory Report

Total Products

11

Total Inventory Value

\$29345.00

Low Stock Items

1

Out of Stock

1

Product	Barcode	Category	Stock	Reorder Level	Price	Status
Laptop - Dell XPS 13	1234567890	Electronics	20	5	\$200.00	In Stock
Wireless Mouse	2345678901	Electronics	99	20	\$29.99	In Stock
USB-C Cable 2m	3456789012	Accessories	200	50	\$14.99	In Stock
Mechanical Keyboard	4567890123	Electronics	50	10	\$89.99	In Stock
Office Chair	5678901234	Furniture	15	5	\$249.99	In Stock
Monitor 24"	6789012345	Electronics	30	8	\$179.99	In Stock
Desk Lamp LED	7890123456	Accessories	75	15	\$39.99	In Stock
Notebook A4	8901234567	Stationery	500	100	\$4.99	In Stock
Pen Set (10 pack)	9012345678	Stationery	300	50	\$7.99	In Stock
Water Bottle 1L	0123456789	Accessories	80	20	\$24.99	In Stock
Test Product	TEST123456789	Test Category	0	10	\$99.99	Out of Stock