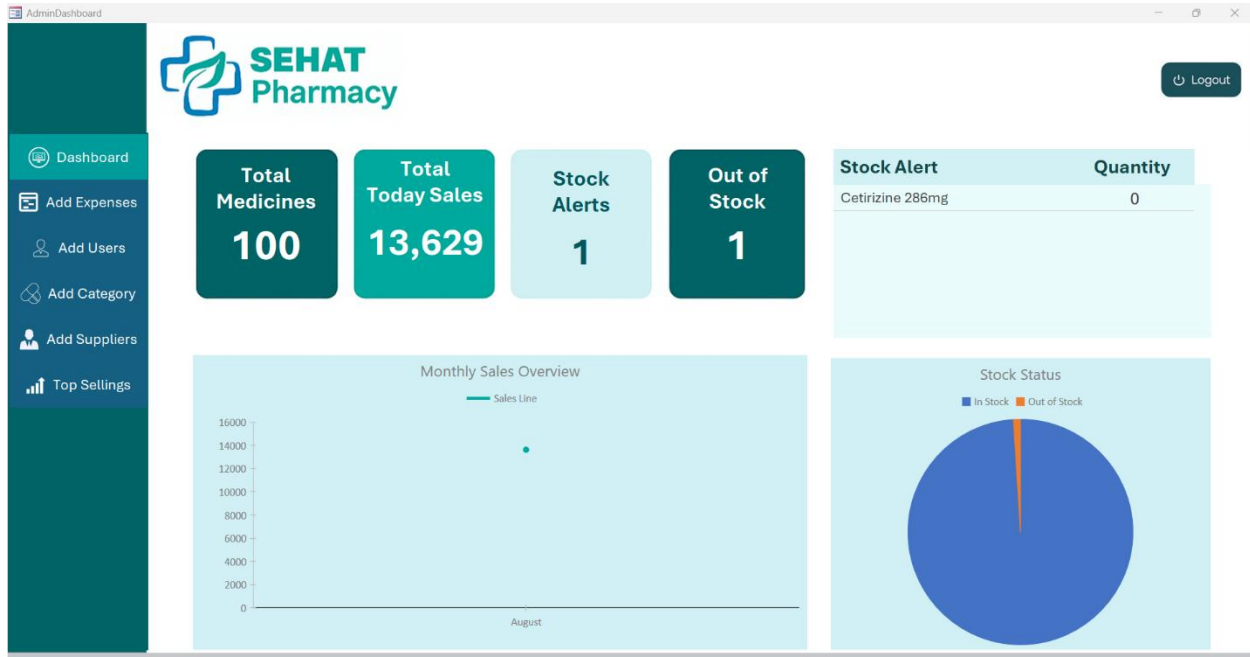


Sehat Pharmacy & Medical Store Management System

Admyon Systems

Building Smarter Business Solutions



Project Overview

The Sehat Pharmacy Management System is a specialized point-of-sale (POS) and inventory platform built specifically for medical stores. It provides a secure, role-based environment to manage thousands of medical SKUs, track complex inventory units (strips, boxes, bottles), process high-speed sales, and monitor critical stock levels through visual analytics.

Business Problem

Pharmacies manage a massive, fast-moving inventory of life-saving drugs. When medical stores rely on manual ledgers or generic retail POS systems, they face severe operational risks: running out of critical medicines without warning, struggling to track inventory sold in varying units (e.g., selling single strips from a master box), and lacking strict oversight over cash flow and staff actions.

Our Solution

Admyon Systems engineered a healthcare-specific retail solution that automates medical inventory tracking down to the specific unit type. Featuring dual role-based interfaces, the system restricts front-desk cashiers to daily operations while giving administrators a powerful dashboard to track total revenue, analyze top-selling medicines, and receive instant alerts for out-of-stock items, ensuring the pharmacy is always fully supplied.

Key Features

- Role-Based Dashboards (Administrator Analytics vs. Cashier POS)
- Unit-Specific Inventory Tracking (Strip, Box, Bottle)
- Automated Critical Stock & Out-of-Stock Alerts
- Visual Sales Analytics (Line Charts & Stock Pie Charts)
- Top Selling Medicines Tracking
- Dedicated Purchases & Supplier Management

Technologies Used

Technology	Used
Microsoft Access	
VBA (Visual Basic for Applications)	
SQL	

System Modules

- Secure Login & Authentication
- Admin Analytics Dashboard
- User/Cashier Operations Dashboard
- Medicines Catalog & Inventory List
- Sales (POS) & Returns Form
- Purchases & Supplier Logs
- Category & Staff Management

Screenshots

Administrator Command Center

Login



SEHAT
Pharmacy

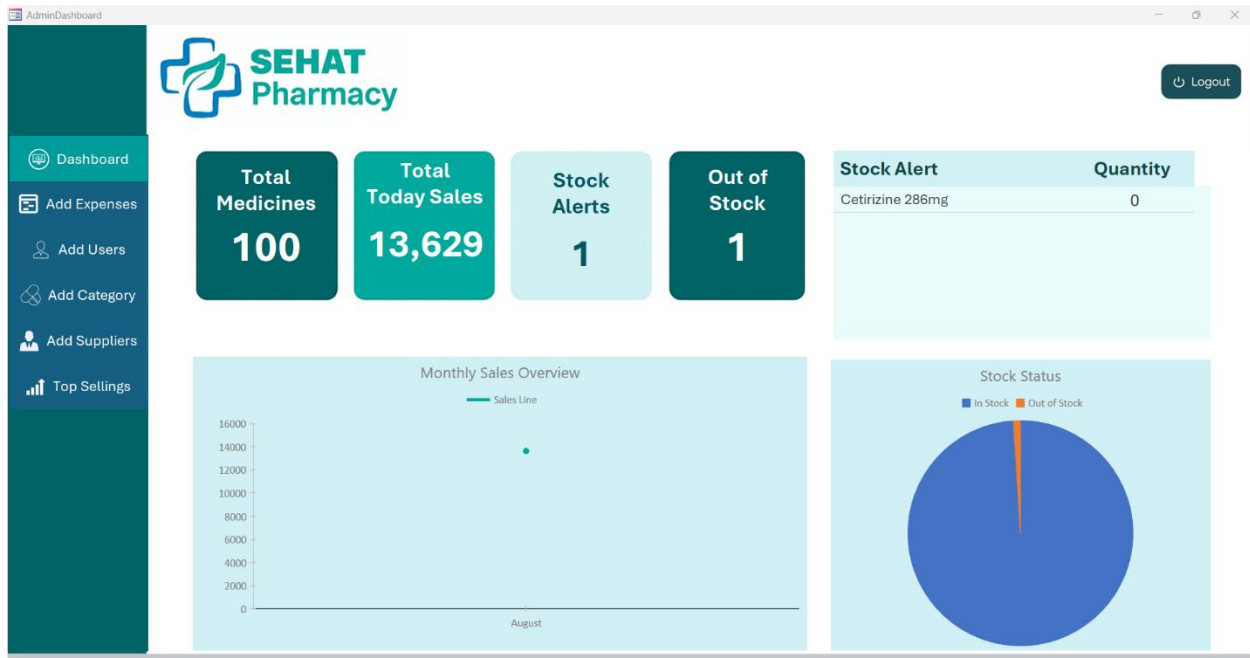
Login

Username :

Password :

Login

Quit App



A comprehensive executive dashboard displaying real-time financial charts, total active medicines, and immediate alerts for out-of-stock items, empowering owners to make fast supply decisions.

Master Medicines Inventory

Medicines List Form						
Medicines List				Search For Medicine:		
Medicine ID	Medicine Name	Category	Company	Stock	Unit Price	UnitType
1	Cetirizine 286mg	Injection	Martin Dow	0	60.8	Strip
2	Amoxicillin 146mg	Tablet	Sanofi	68	295.13	Strip
3	Metformin 267mg	Ointment	Searle	100	380.77	Box
4	Omeprazole 189mg	Ointment	Sanofi	479	75.37	Strip
5	Ciprofloxacin 167mg	Tablet	Martin Dow	415	182.63	Bottle
6	Losartan 287mg	Ointment	GSK	382	175.89	Bottle
7	Losartan 356mg	Capsule	Ferozsans	221	324.97	Box
8	Metformin 184mg	Ointment	Hilton Pharma	455	416.89	Strip
9	Metformin 346mg	Ointment	Pfizer	124	345.49	Box
10	Metformin 482mg	Ointment	Abbott	120	490.6	Strip
11	Amlodipine 158mg	Syrup	Martin Dow	69	244.48	Box
12	Atorvastatin 138mg	Capsule	Pfizer	196	99.32	Strip
13	Amoxicillin 486mg	Ointment	GSK	474	76.08	Strip
14	Ciprofloxacin 446mg	Capsule	Searle	291	360.86	Box
15	Omeprazole 385mg	Capsule	Sanofi	406	472.37	Box

A highly detailed stock tracking grid featuring color-coded inventory health (Red for zero stock, Green for active) and specific unit types (Strip, Box, Ointment, Bottle) for accurate dispensing.

Sales (POS) & Dispensing Form

Sales Entry Form

Sales Form

Omar Hussain

Add New

Sale ID

(New)

Payment Method

Cash

Sale Date

2026-08-04

Remarks

Customer

Medicine Name	Quantity	Unit Price	Total Price

Search Medicine

Return Medicine

Add Customer

Total Items:

Total Amount:

Total :

A rapid-checkout POS interface designed for high-traffic pharmacies, featuring quick medicine search, customer tagging, and an integrated returns processing workflow.

Purchases & Restocking Module

Purchases Entry Form

Purchases Form

Omar Hussain

Add New

Add New Medicine

Purchase ID

(New)

SupplierID

Purchase Date

2026-08-04

Remarks

Medicine	Quantity	Purchase Price	Total Price

Save

A dedicated inbound inventory screen linking directly to authorized suppliers, allowing managers to instantly update stock levels and track the financial cost of restocked medicines.

Top Selling Medicines Report



Logout

Dashboard

Add Expenses

Add Users

Add Category

Add Suppliers

Top Sellings

Top Selling Medicines

Total Selling	Medicine Name
5	Cetirizine 210mg
4	Omeprazole 426mg
4	Amoxicillin 146mg
3	Atorvastatin 159mg
3	Amlodipine 443mg
3	Losartan 169mg
3	Omeprazole 369mg
3	Losartan 356mg
3	Paracetamol 131mg
3	Amlodipine 295mg
3	Cetirizine 380mg

A focused analytical view highlighting the most frequently dispensed medications, helping owners optimize their purchasing strategy for high-demand drugs.

Role-Based Access (Users Form)



Logout

Dashboard

Add Expenses

Add Users

Add Category

Add Suppliers

Top Sellings

Users Form

Add New

<

>

UserID

Full Name

Username

Password

Role

Save

An administrative security module ensuring strict access control, defining whether an employee has full administrative rights or is restricted to standard cashier duties.

Business Benefits

- ✓ Prevented shortages of life-saving drugs via automated stock alerts
- ✓ Improved inventory accuracy by tracking medicines by their exact unit type (Strips/Boxes)
- ✓ Secured sensitive financial and business data through strict role-based logins
- ✓ Accelerated customer checkout times during peak pharmacy hours
- ✓ Optimized purchasing budgets by utilizing top-selling analytics

Project Highlights

- Clinical, Trust-Building UI/UX
- Granular Unit-Type Tracking
- Automated Visual Dashboards
- Strict Role-Based Security
- High-Speed Medical POS

Future Enhancements

Future versions of this system may include:

- Batch/Lot Number and Expiry Date tracking to automatically flag expiring medicines
- Hardware integration for rapid Barcode scanning at checkout
- Integration with national drug databases for automated drug interaction warnings
- Multi-branch cloud synchronization for pharmacy chains

Project Summary

The Sehat Pharmacy Management System demonstrates Admyon Systems' ability to deliver mission-critical software for the healthcare retail sector. By combining rigorous inventory tracking with intuitive, high-speed POS features, the system enables medical stores to operate securely, efficiently, and with complete visibility over their supply chain.