



COMPANY PORTFOLIO · 2026

Custom software for every sector

We design and build tailor-made systems around how your business actually works. Pharmacy, hospital and retail are where we started; your sector is next.

العثماني للحلول الرقمية

Smart Pharmacy

ALI Hospital System

Tejartk Retail POS

WHO WE ARE

OSMANI Digital Solutions

OSMANI is a Sudanese custom-software company headquartered in Khartoum. We don't sell one product to everyone: we build the system each organisation needs, from ERP and healthcare software to pharmacy solutions and web and mobile applications.

Vision. Empower institutions in Sudan and the region to achieve real digital transformation through reliable systems and user-friendly products.

Mission. Build practical, modern systems that solve real operational needs, with a focus on results and user experience.

WHAT SETS US APART

- **Built around you.** We start from your workflow and design the software to match it.
- **Data privacy first.** Healthcare and pharmacy systems run primarily on local networks with optional cloud sync, so records stay under the client's control even when the internet drops.
- **Direct access.** Technical support by WhatsApp or phone, with no sales intermediaries.

SERVICES

- **Custom software development** — tailored enterprise solutions
- **ERP systems** — sales, inventory, purchasing, finance, reporting
- **Hospital management** — reception, records, lab, imaging, pharmacy, accounting, HR
- **Pharmacy management** — POS, FEFO/FIFO inventory, insurance billing, offline mode
- **Mobile applications** — Android and iOS
- **Web development** — websites, web apps, scalable dashboards
- **Monitoring & security systems** — CCTV and security camera installation

CORE VALUES

Technical quality

Transparency with partners

Continuous improvement

INDUSTRIES

Healthcare

Pharmacies

Hospitals

Retail

Manufacturing

Education

Government

OUR APPROACH

One team, many sectors

Every business runs on its own workflow. Instead of forcing you into off-the-shelf software, we study how your team works and build the system around it. The three products in this portfolio come from three different sectors, built on the same engineering foundations.

SECTORS WE HAVE BUILT FOR

Pharmacy → Smart Pharmacy

Delivered

POS, batch and expiry tracking, insurance and cash shifts, working offline.

Healthcare → ALI Hospital System

Delivered

Reception to lab, imaging, pharmacy, billing and HR on one patient record.

Retail → Tejark

Delivered

Desktop-first POS, stock, purchasing and accounts for shops and branches.

ALSO OPEN TO

ERP & operations

Manufacturing

Education

Government

Web & mobile apps

CCTV & security systems

BUILDING BLOCKS WE REUSE

Because we build on proven foundations, new systems reach production faster and behave consistently:

Point of sale

Inventory & batches

Accounts & cash control

Roles & permissions

Reports & export

Offline-first sync

Arabic right-to-left UI

Multi-branch

Printing & receipts

Notifications

TECHNOLOGY

Flutter

FastAPI

PostgreSQL

SQLite / Drift

Supabase

Have a workflow that needs software? Tell us how your team works and we will build the system for it.

Three sectors, one team

01

Pharmacy

Smart Pharmacy

الصيدلية الذكية

Standalone retail-pharmacy system for point of sale, inventory, purchasing, insurance and reporting. Keeps selling offline and syncs when the network returns.

Flutter

SQLite / Drift

Supabase

Offline-first

02

Healthcare

ALI Hospital System

نظام علي للمستشفيات

A LAN-based hospital platform connecting reception, medical records, lab, imaging, hospital pharmacy, accounting and HR around a single patient record.

Flutter

FastAPI

PostgreSQL

LAN

03

Retail

Tejartk

تجارتك

Desktop-first retail POS and inventory app for shops and branches: barcode selling, stock, purchases, expenses and accounts, with cloud sync.

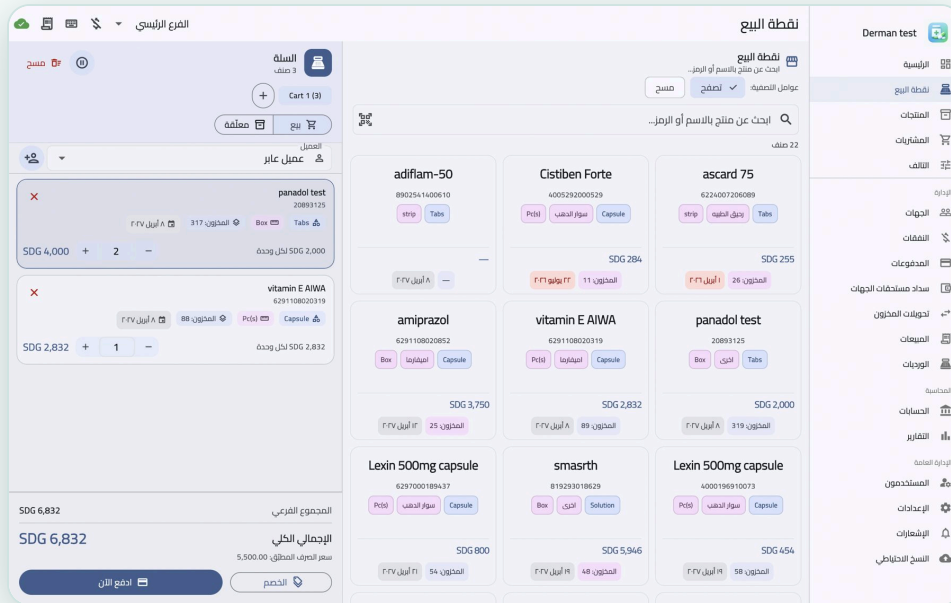
Flutter

Supabase

Desktop-first

Offline-first

Point of sale & cash control



Point of sale

Searchable product grid with barcode scan, unit types, live stock and expiry per batch, hold-and-resume carts, discounts and a running total with the applied exchange rate.



Cash register & shifts

Active-shift view with cash in drawer, net receipts, cash vs. bank-transfer sales, returns, expenses and supplier / customer settlements, then a one-tap shift close.

Inventory, partners & insurance

المنتجات		Derman test
ascard 75 6224007206089	رطل المنتج	الرئيسية
A-Z vital 6972910242928	رطل المنتج	نقطة البيع
A-Z vital 8904210810133	رطل المنتج	المنتجات
CORAL VITA C 8904151808299	رطل المنتج	المشتريات
Cistiben Forte 4005292000529	رطل المنتج	التألف
Dolocare 1g paracetol 4005292000529	رطل المنتج	الزبدية
Dolocare 1g paracetol 4005292000529	رطل المنتج	الدوات
Dolocare 1g paracetol 4005292000529	رطل المنتج	التقنيات
Dolocare 1g paracetol 4005292000529	رطل المنتج	المحفوظات
Dolocare 1g paracetol 4005292000529	رطل المنتج	سداد مستحقات الدوات
Dolocare 1g paracetol 4005292000529	رطل المنتج	تحويلات المخزون
Dolocare 1g paracetol 4005292000529	رطل المنتج	المبيعات
Dolocare 1g paracetol 4005292000529	رطل المنتج	الودجات
Dolocare 1g paracetol 4005292000529	رطل المنتج	المحاسبة
Dolocare 1g paracetol 4005292000529	رطل المنتج	الحسابات
Dolocare 1g paracetol 4005292000529	رطل المنتج	التقارير

Products

Full catalogue with barcodes, quick edit and add.

جهات الاتصال		Derman test
عمليل	عمليل نقدي 0000000000	الرئيسية
SDG 0 الرصيد	SDG 0 الرصيد	نقطة البيع
SDG 1,816 الرصيد	SDG 1,816 الرصيد	المنتجات
SDG 15,000 الرصيد	SDG 15,000 الرصيد	المشتريات
SDG 19,800 الرصيد	SDG 19,800 الرصيد	التألف
SDG 0 الرصيد	SDG 0 الرصيد	الزبدية
SDG 126,005 الرصيد	SDG 126,005 الرصيد	الدوات
SDG 0 الرصيد	SDG 0 الرصيد	التقنيات
SDG 0 الرصيد	SDG 0 الرصيد	المحفوظات
SDG 0 الرصيد	SDG 0 الرصيد	سداد مستحقات الدوات
SDG 0 الرصيد	SDG 0 الرصيد	تحويلات المخزون
SDG 0 الرصيد	SDG 0 الرصيد	المبيعات
SDG 0 الرصيد	SDG 0 الرصيد	الودجات
SDG 0 الرصيد	SDG 0 الرصيد	المحاسبة
SDG 0 الرصيد	SDG 0 الرصيد	الحسابات
SDG 0 الرصيد	SDG 0 الرصيد	التقارير

Suppliers & customers

A single directory for the parties you buy from and sell to.

شركات التأمين		Derman test
Life	1	الرئيسية
haya	2	نقطة البيع
kkk	3	المنتجات
shekan	4	المشتريات
		التألف
		الزبدية
		الدوات
		التقنيات
		المحفوظات
		سداد مستحقات الدوات
		تحويلات المخزون
		المبيعات
		الودجات
		المحاسبة
		الحسابات
		التقارير

Insurance companies

Manage insurers whose commission is applied at the counter.

سداد مستحقات الجهة		Derman test
إجمالي المستحق من الموردين SDG 399	إجمالي المستحق للموردين SDG 391,045	الرئيسية
ادفع	supplier3 سداد لمورد SDG 126,005	نقطة البيع
ادفع	mhmd omer سداد لمورد SDG 240,050	المنتجات
ادفع	jacob تحويل من عمليل SDG 399	المشتريات
ادفع	استيف سداد لمورد SDG 24,990	التألف
		الزبدية
		الدوات
		التقنيات
		المحفوظات
		سداد مستحقات الدوات
		تحويلات المخزون
		المبيعات
		الودجات
		المحاسبة
		الحسابات
		التقارير

Supplier & customer payments

Record settlements against outstanding balances.

Accounting & reporting

المدفوعات		Derman test	
طريقة الدفع	من	الرئيسية	
الكل	الكل	نقطة البيع	
تصفية بالتاريخ		المنتجات	
شيك	أخرى	المشتريات	
SDG 150	SDG 50	التألف	
تحويل بنكي		الزبدية	
SDG 889,211		الدوات	
نقدي		الشهقات	
SDG 4,056,836		المحفوظات	
		سداد مستحقات الدوات	
		تحويلات المخزون	
		المبيعات	
		الودعيات	
		المحاسبة	
		الحسابات	
		التقارير	

نقطة جديدة		Derman test	
نقطة البيع	المواصفات	الرئيسية	
نقطة البيع	نقطة البيع	نقطة البيع	
نقطة البيع	نقطة البيع	المنتجات	
نقطة البيع	نقطة البيع	المشتريات	
نقطة البيع	نقطة البيع	التألف	
نقطة البيع	نقطة البيع	الزبدية	
نقطة البيع	نقطة البيع	الدوات	
نقطة البيع	نقطة البيع	الشهقات	
نقطة البيع	نقطة البيع	المحفوظات	
نقطة البيع	نقطة البيع	سداد مستحقات الدوات	
نقطة البيع	نقطة البيع	تحويلات المخزون	
نقطة البيع	نقطة البيع	المبيعات	
نقطة البيع	نقطة البيع	الودعيات	
نقطة البيع	نقطة البيع	المحاسبة	
نقطة البيع	نقطة البيع	الحسابات	
نقطة البيع	نقطة البيع	التقارير	

Payables

Track what is owed to suppliers.

Expenses

Categorised operating expenses feeding the P&L.

المبيعات		Derman test	
طريقة الدفع	من	الرئيسية	
الكل	الكل	نقطة البيع	
تصفية بالتاريخ		المنتجات	
شيك	أخرى	المشتريات	
SDG 150	SDG 50	التألف	
تحويل بنكي		الزبدية	
SDG 889,211		الدوات	
نقدي		الشهقات	
SDG 4,056,836		المحفوظات	
		سداد مستحقات الدوات	
		تحويلات المخزون	
		المبيعات	
		الودعيات	
		المحاسبة	
		الحسابات	
		التقارير	

التقارير		Derman test	
نقطة البيع	المواصفات	الرئيسية	
نقطة البيع	نقطة البيع	نقطة البيع	
نقطة البيع	نقطة البيع	المنتجات	
نقطة البيع	نقطة البيع	المشتريات	
نقطة البيع	نقطة البيع	التألف	
نقطة البيع	نقطة البيع	الزبدية	
نقطة البيع	نقطة البيع	الدوات	
نقطة البيع	نقطة البيع	الشهقات	
نقطة البيع	نقطة البيع	المحفوظات	
نقطة البيع	نقطة البيع	سداد مستحقات الدوات	
نقطة البيع	نقطة البيع	تحويلات المخزون	
نقطة البيع	نقطة البيع	المبيعات	
نقطة البيع	نقطة البيع	الودعيات	
نقطة البيع	نقطة البيع	المحاسبة	
نقطة البيع	نقطة البيع	الحسابات	
نقطة البيع	نقطة البيع	التقارير	

Sales history

Every invoice searchable and traceable.

Reports

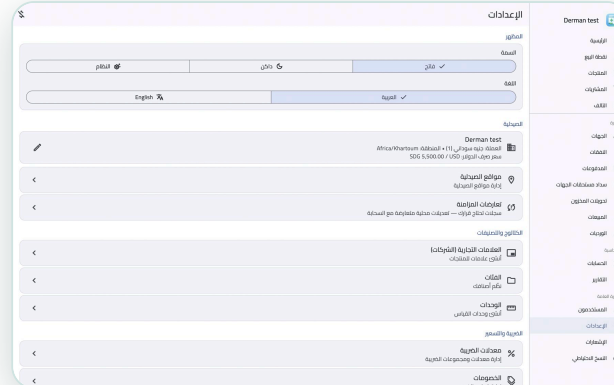
Financials, profit & loss, stock valuation, expiring products, purchases, tax, top sellers and per-product margin.

Administration



Users & staff

Role-based accounts for managers, supervisors and clerks.



Settings

Branch, currency and system configuration.



Notifications

Alerts for stock, expiry and shift events.

REPORTING OUTCOMES

Daily profit & loss, FIFO stock valuation, shortages and insurance reconciliation, all from one source of truth for stock, purchases and gaps.

BUILT FOR SUDAN

Designed around Sudan's connectivity conditions: local-first data, dual SDG / USD pricing and a fully Arabic right-to-left interface.

ALI — Hospital Management System

نظام علي لإدارة المستشفيات

THE CHALLENGE

A hospital runs many departments around the same patient: reception, clinics, lab, imaging, pharmacy, accounts, insurance and stores. Disconnected records mean slow service, duplicate entry and lost information.

THE SOLUTION

An integrated local-network system that puts every department on one patient record. The hospital pharmacy dispenses prescriptions alongside hospital invoices, and clinical work is gated by payment where required.

OUTCOMES

- Faster service
- Clearer patient record
- Management visibility
- Fewer errors

TECHNOLOGY

- Flutter desktop & tablet
- FastAPI
- PostgreSQL
- LAN deployment
- Role-based access
- Real-time WebSocket
- Append-only audit log

MODULES

- **Patient file** — search, allergies, problem list, medication history, printable PDF
- **Reception** — department registration, cash box, price lists
- **Clinics & admission** — visits, vital signs, procedures, bed management
- **Lab & imaging** — requests and results on the patient record
- **Hospital pharmacy** — prescription review and dispensing
- **Inventory** — medical supplies and medication batches
- **Finance & insurance** — invoices, payments, daily cash reports, claims
- **HR & scheduling** — attendance, shifts, leave, contracts, staff compensation

Deployed for a private hospital in Sudan. Patient data stays on the hospital's own network.



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تسجيل استشارة

الهوية الشخصية *

الاسم الكامل (عربية) * محمد يعقوب

الجنس * الذكر

تاريخ الميلاد * 1996-09-26

رقم واتساب * 098765432

نظر المعلق من واتساب (القيمة غير متصلة)

القسم *

☒ تشاور و رعاية
 ☐ جراحة

الطب:

الاسم: yas@alosmani.com

المقر الرئيسي *

استشارة روتينية

الدفع

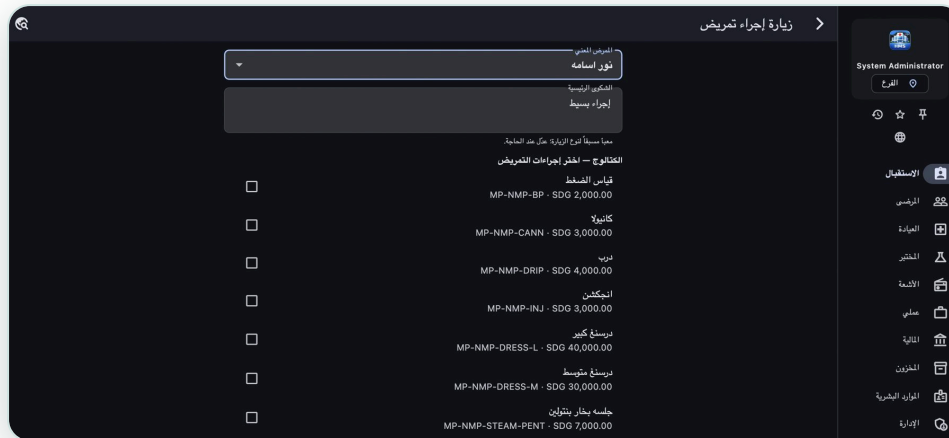
المبلغ * 5000.00 SDG

Patient details, department and doctor, payment method and bank reference, then register and print the ticket in one step.

[illegible]

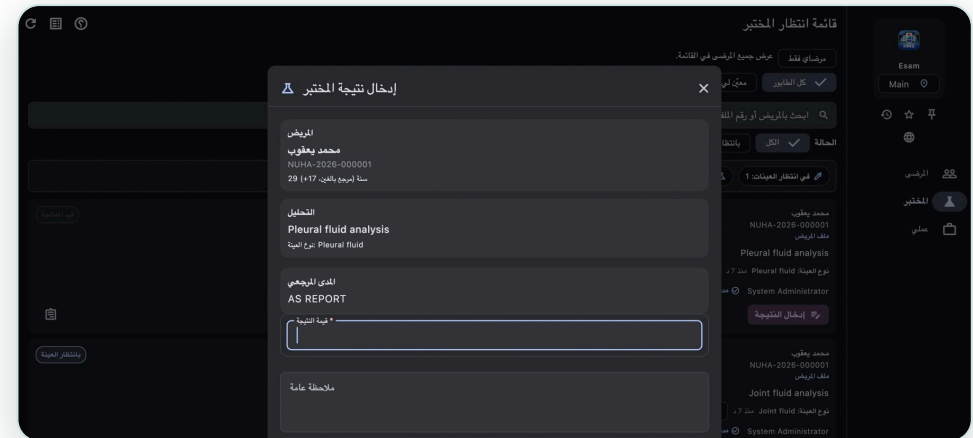
Select nursing procedures from the catalogue and confirm the fee before the visit opens.

Nursing, lab & price lists



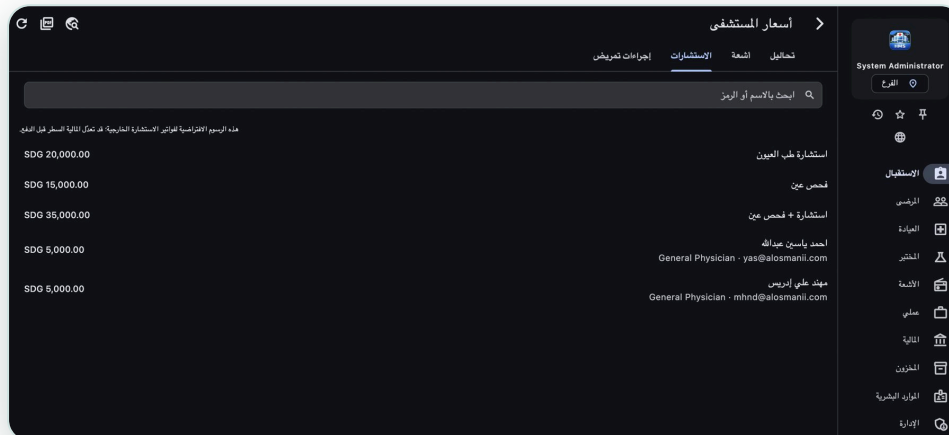
Nursing procedures

Procedure catalogue with codes and prices, ordered per patient.



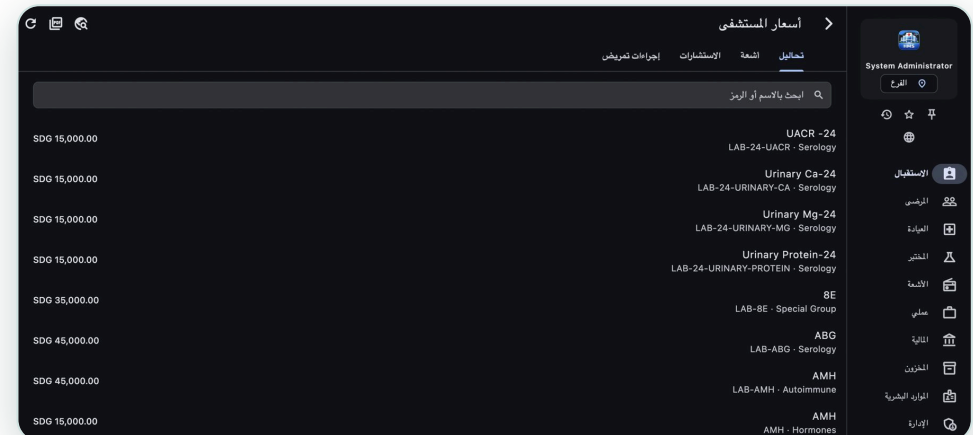
Lab result entry

Enter results against the patient record with reference range, notes, critical flag and file attachment.



Hospital prices: consultations

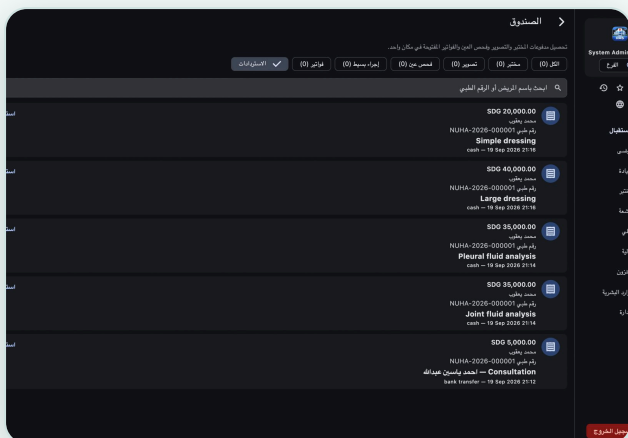
Central price list per service, with the doctor and specialty for each consultation.



Hospital prices: lab tests

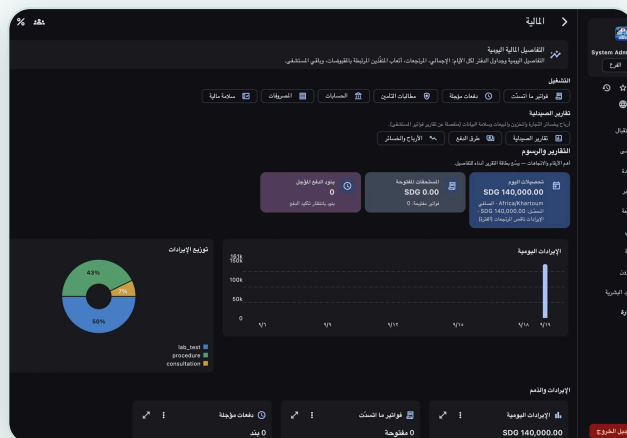
Lab test catalogue with codes, categories and prices.

Finance, payments & staff



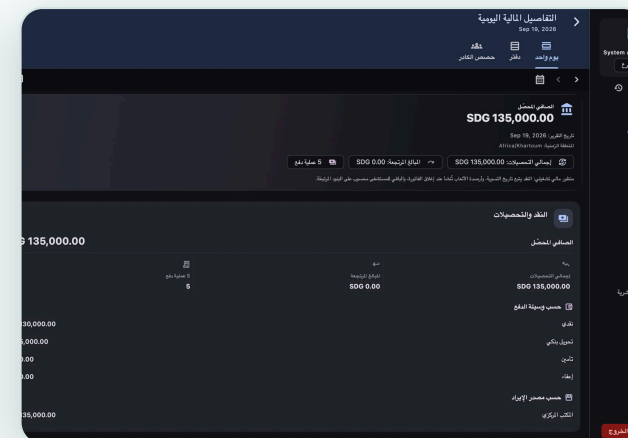
Cash register & refunds

Collected payments by type, searchable by patient or file number, with one-tap refunds.



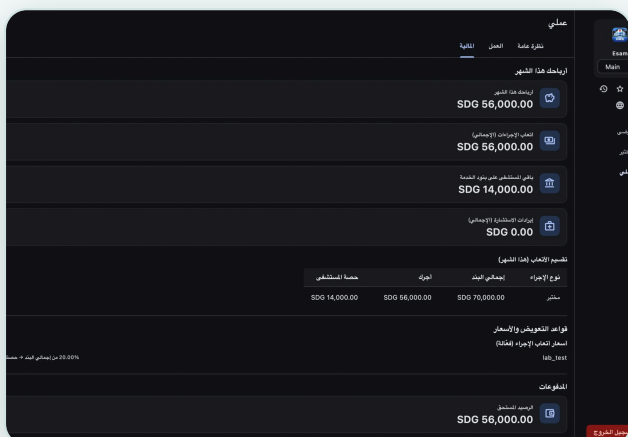
Financial hub

Daily revenue, open claims, pharmacy reports and revenue distribution charts.



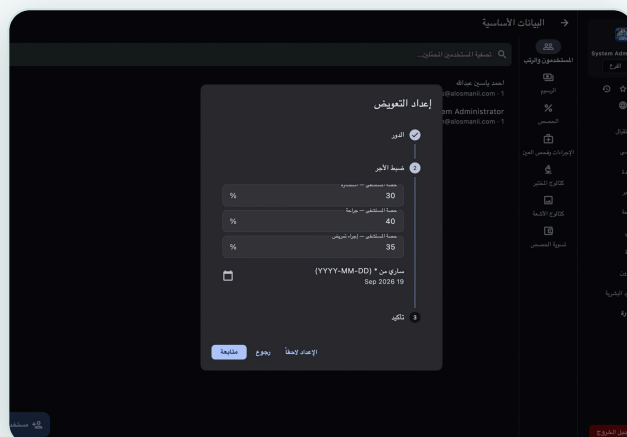
Daily ledger

Net collections split by payment method and by revenue source.



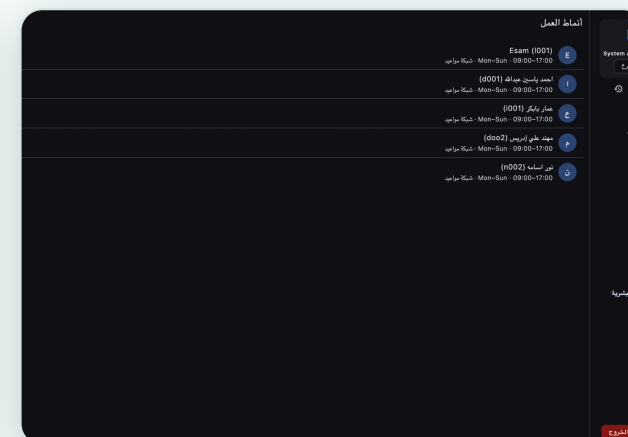
Staff earnings

Monthly earnings, fees and the hospital's share per procedure type.



Compensation setup

Role-based fee percentages for the hospital's share, applied from a chosen date.



Working schedules

Per-staff weekly shift patterns feeding appointment booking.

Tejartk — Retail POS & Inventory

تجارتك

OVERVIEW

A desktop-first point-of-sale and inventory application for shops and branches in Sudan, published by OSMANI Digital Solutions. Owners and managers sell, track stock, run purchasing and keep their accounts in one place, with data stored locally and synced when the device is online.

HIGHLIGHTS

- **POS** with barcode scanning, product photos and split cash, bank-transfer and credit payments
- **Inventory** — stock levels, low-stock alerts, purchases, clients and suppliers
- **Accounts** — cash and bank balances, ledger, expenses against budget
- **Reports** — revenue, gross profit and category mix, exportable to PDF and Excel
- **Secure sign-in** with email and password through Supabase
- **Cloud sync** — local data syncs both ways when back online

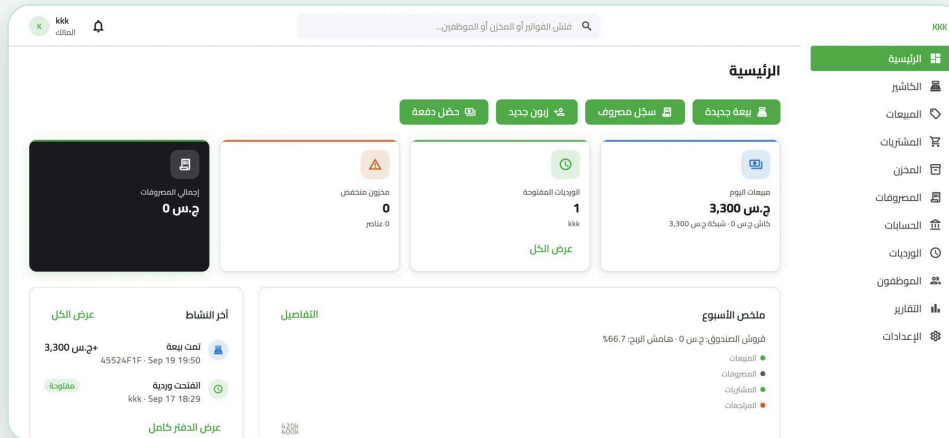
AT A GLANCE

- **Sector:** Commerce · Retail
- **Users:** Shop owners and managers in Sudan
- **Platform:** Desktop-first Flutter app, Arabic right-to-left
- **Backend:** Supabase, offline-first sync

ONE FOUNDATION, MANY PRODUCTS

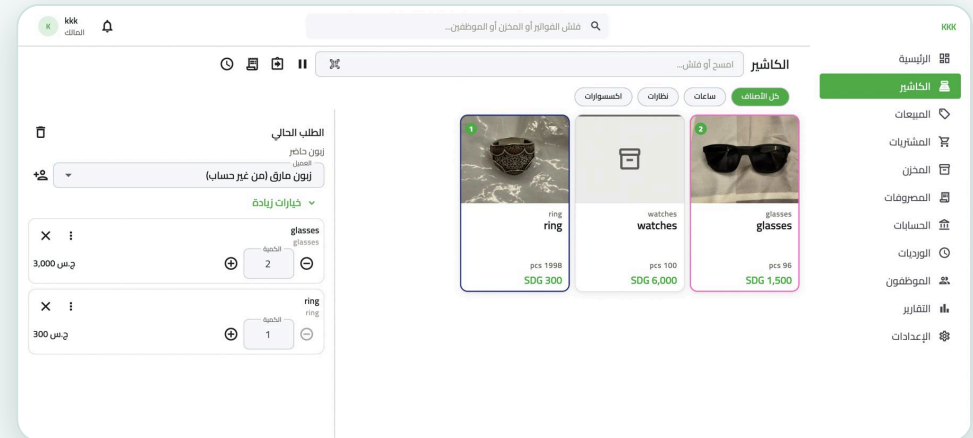
Tejartk shares its offline-first, Arabic-first foundations with Smart Pharmacy, so a retailer can grow from a shop system to a full pharmacy system without starting over.

Dashboard, cashier & sales



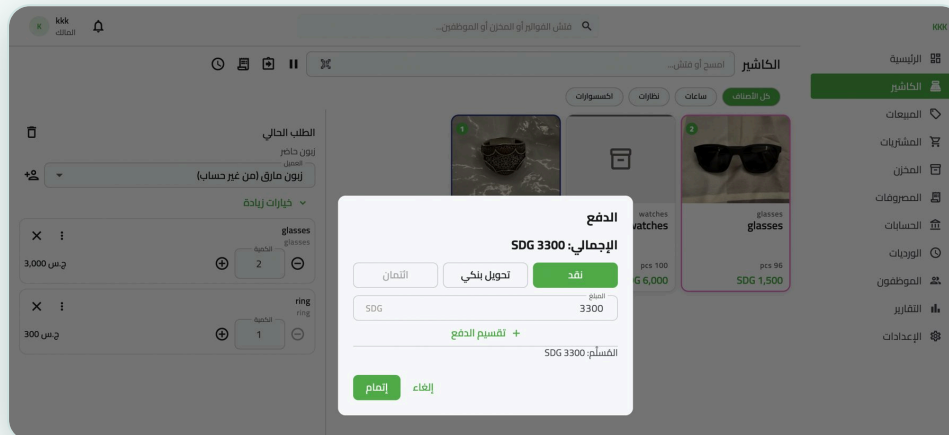
Dashboard

Today's sales, open shifts, low stock and expenses, with quick actions and a weekly summary chart.



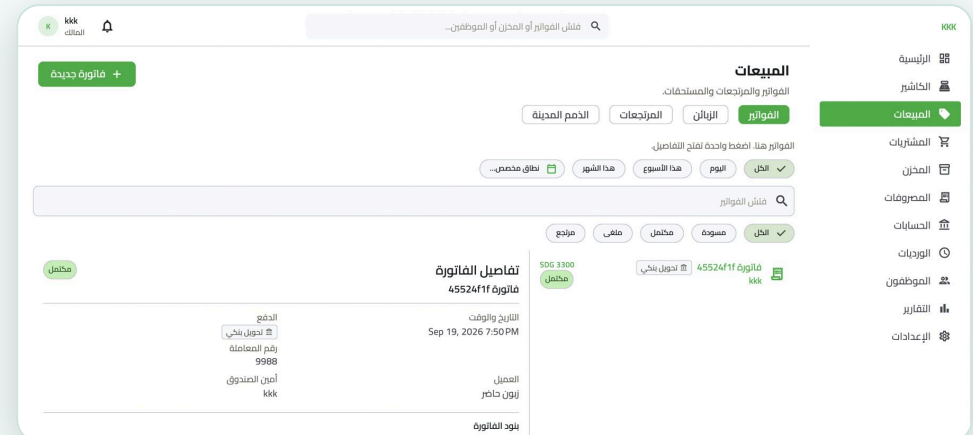
Cashier (POS)

Product tiles with photos, barcode search, customer selection, held orders and a running total.



Split payment

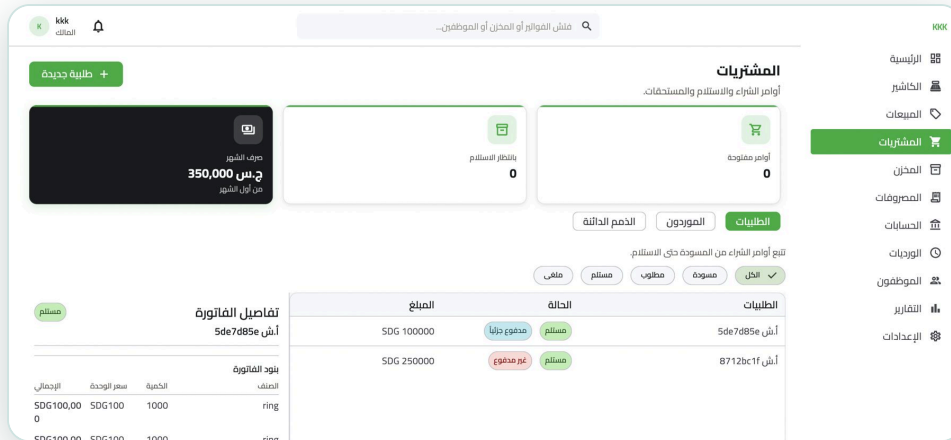
Cash, bank transfer or credit, with the option to split one sale across methods.



Sales & invoices

Invoices, customers, returns and credit balances with printable receipts.

Purchasing, stock & money



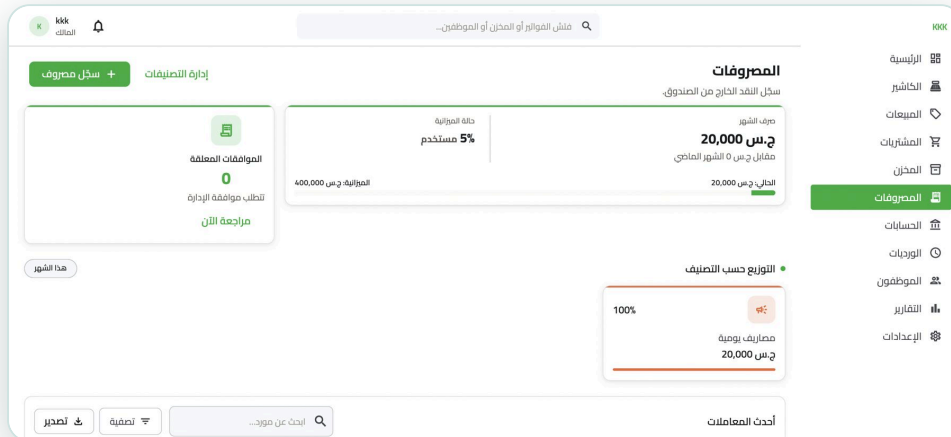
Purchases

Purchase orders, receiving and supplier payables with per-invoice detail.



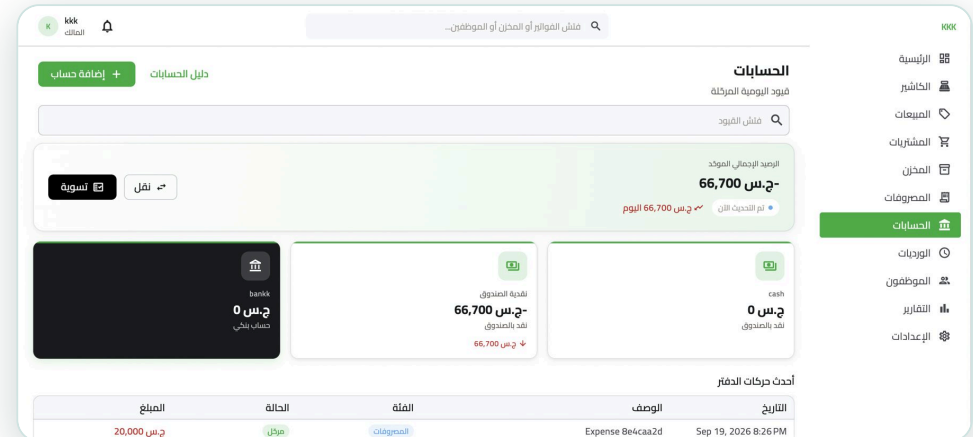
Inventory

Stock levels with photos, categories, low-stock alerts, barcode labels and stock adjustments.



Expenses

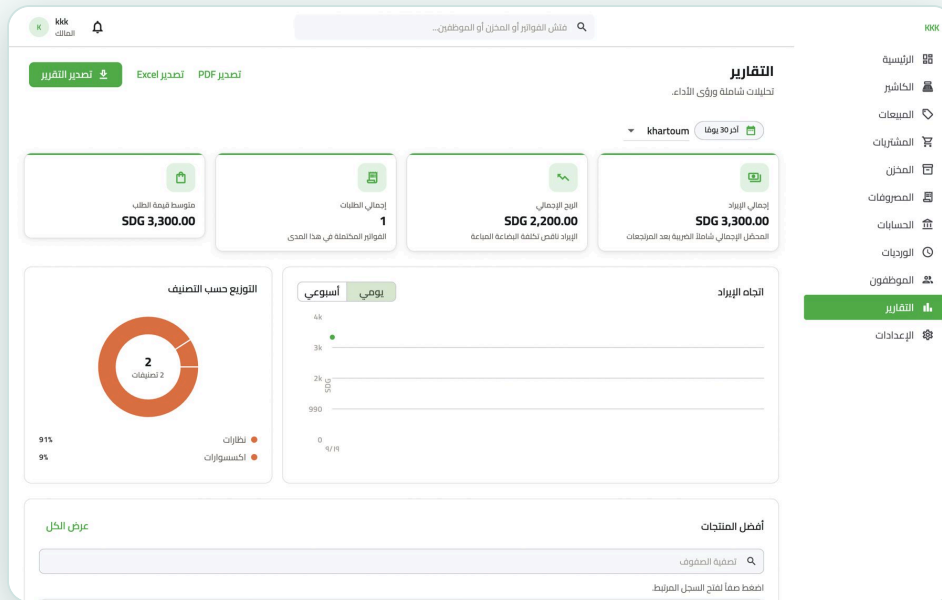
Categorised spending against a monthly budget, with an approval workflow.



Accounts & ledger

Cash and bank balances, transfers and settlements, and the latest ledger entries.

Reports & settings



Reports

Revenue, gross profit, order count and average order value, plus category mix and revenue trend, with PDF and Excel export.

Settings

Store details, branches, users, currencies and prices, appearance, printers, alerts and data sync.

TRUSTED BY

Our clients

Derma Pharmacy

Vivan Pharmacy

University of Khartoum
Civil Engineering Dept.

Dr. Abeer Osman
Health Center

Your sector is next. Let's build what your team needs.

Pharmacy, hospital, retail, ERP, education or government: if your team has a workflow, we can turn it into software.

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