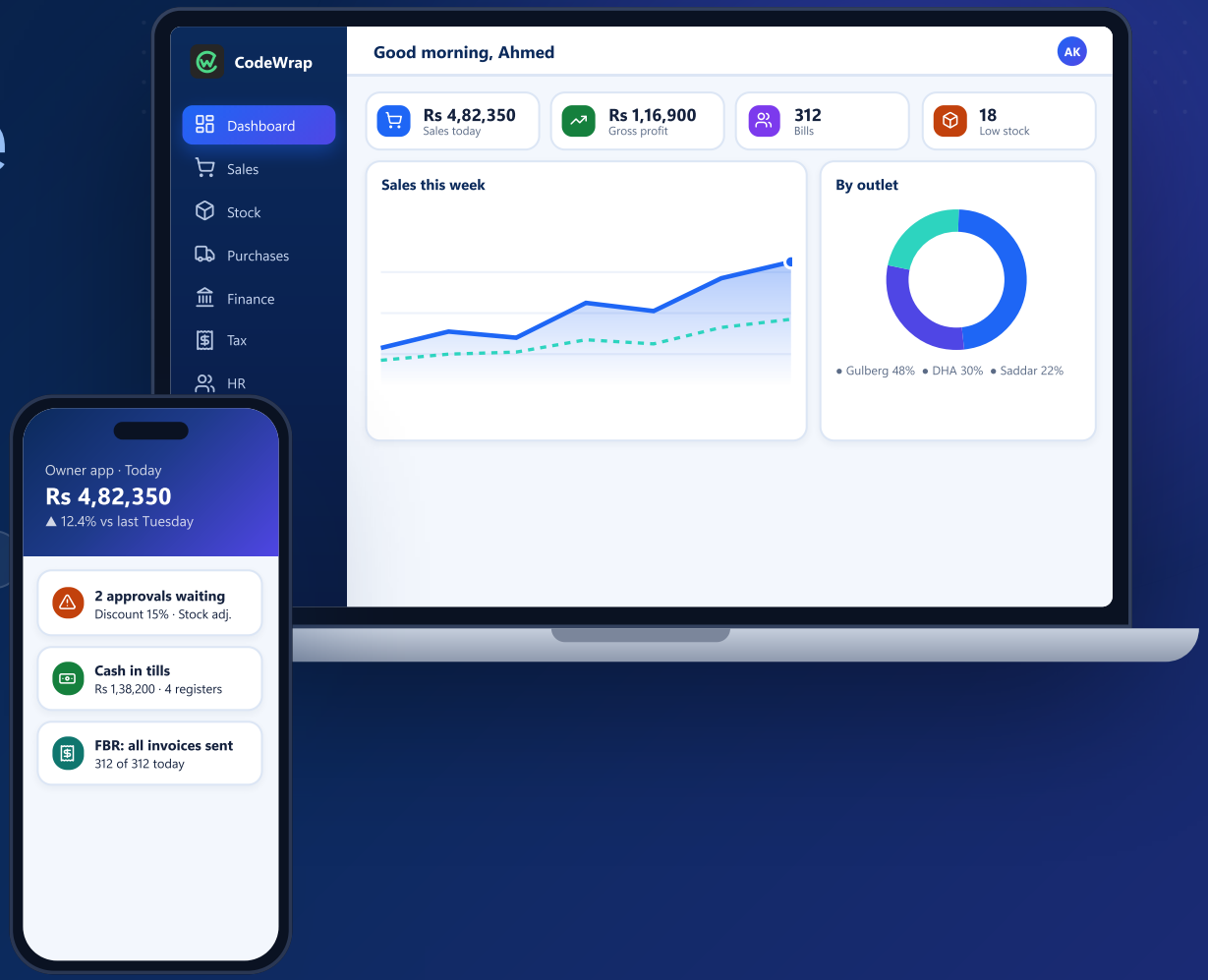
CodeWrap ERP
BY CODEWRAP

Run your whole business from one place.

Cloud ERP and point of sale built for Pakistan — sales, stock, accounts, FBR tax, staff and reports, in English and Urdu, on any device.

- 13 modules
- 85 ready reports
- FBR & provincial tax ready
- Sells offline
- English + اردو
- AI assistant



10 business types · 1 platform · **14-day free trial**

01 AT A GLANCE

One platform. Every part of the business.

Every sale, purchase, payment and stock move posts its stock, ledgers and a balanced journal in one step — so the books are always up to date.

01
Setup & master data
Guided set-up, items, variants, price lists, customers, suppliers

02
Point of sale
Fast checkout, split payment, registers, works offline

03
Sales & CRM
Orders, appointments, loyalty, promotions, leads, campaigns

04
Purchases
Purchase orders, GRN, landed cost, reorder suggestions

05
Inventory & warehouse
Batches, expiry, bins, transfers, counts with phone camera

06
Accounting & finance
Ledger, statements, bank reconciliation, assets, budgets

07
Tax compliance
FBR DI & POS, PRA, SRB, KPRA, BRA, withholding tax

08
Restaurant
Floor plan, kitchen display, QR menu, recipes, delivery

09
Distribution
Order booker app, routes, vans, delivery runs, recovery

10
Manufacturing
BOMs, production orders, job work, MRP

11
HR & payroll
Attendance, leave, payroll with tax and EOBI, payslips

12
Reports, AI & apps
85 reports, dashboard, AI assistant, mobile apps, portals

CODEWRAP ERP IN NUMBERS

13	10	85	460+	6	2
Main modules	Business types	Ready reports	User rights	Tax authorities	Languages: English & اردو

02 BUILT FOR YOUR INDUSTRY

Pick your business type. It sets itself up.

Choose a main type plus up to 3 more. Each brings its own fields, settings, home tiles and menus — ready on day one.

Retail shops
- Scan-first POS
- Price lists & schemes
- Loyalty & gift cards

Grocery & marts
- Scale barcodes
- Weighable items
- Offline tills

Pharmacy
- Batch & expiry required
- Earliest expiry first
- 3rd Schedule tax on MRP

Restaurants & cafés
- Tables & kitchen display
- QR menu & recipes
- Delivery & bookings

Apparel & fashion
- Size × colour variants
- Barcode labels
- Easy exchanges

Electronics & mobiles
- Serial / IMEI tracking
- Warranty check
- Repair job cards

Wholesale
- Quantity price breaks
- Credit limits
- Sales orders

Distribution
- Order booker app
- Routes & vans
- Recovery sheets

Manufacturing
- BOMs & routings
- Production costing
- MRP planning

Services
- Appointment calendar
- Staff & resources
- Service tiles at till

UP AND RUNNING IN ONE GUIDED SET-UP

1. **Business type** — Main type + up to 3 more
2. **Company profile** — NTN, STRN, FBR activity & sector
3. **Currency & formats** — Rupees, lakh / crore, dates
4. **Fiscal year** — July–June or your own
5. **First outlet** — Shop, branch or warehouse
6. **Invite the team** — Ready roles for every job
7. **Start selling** — Import items from Excel

03 POINT OF SALE

Fast checkout that never stops.

Scan, tap and pay in seconds — on a PC, tablet or phone. If the internet drops, the till keeps selling and syncs later.

Scan-first or touch tiles
Barcodes, scale barcodes, pictures, stock on each tile, keyboard shortcuts F1–F10

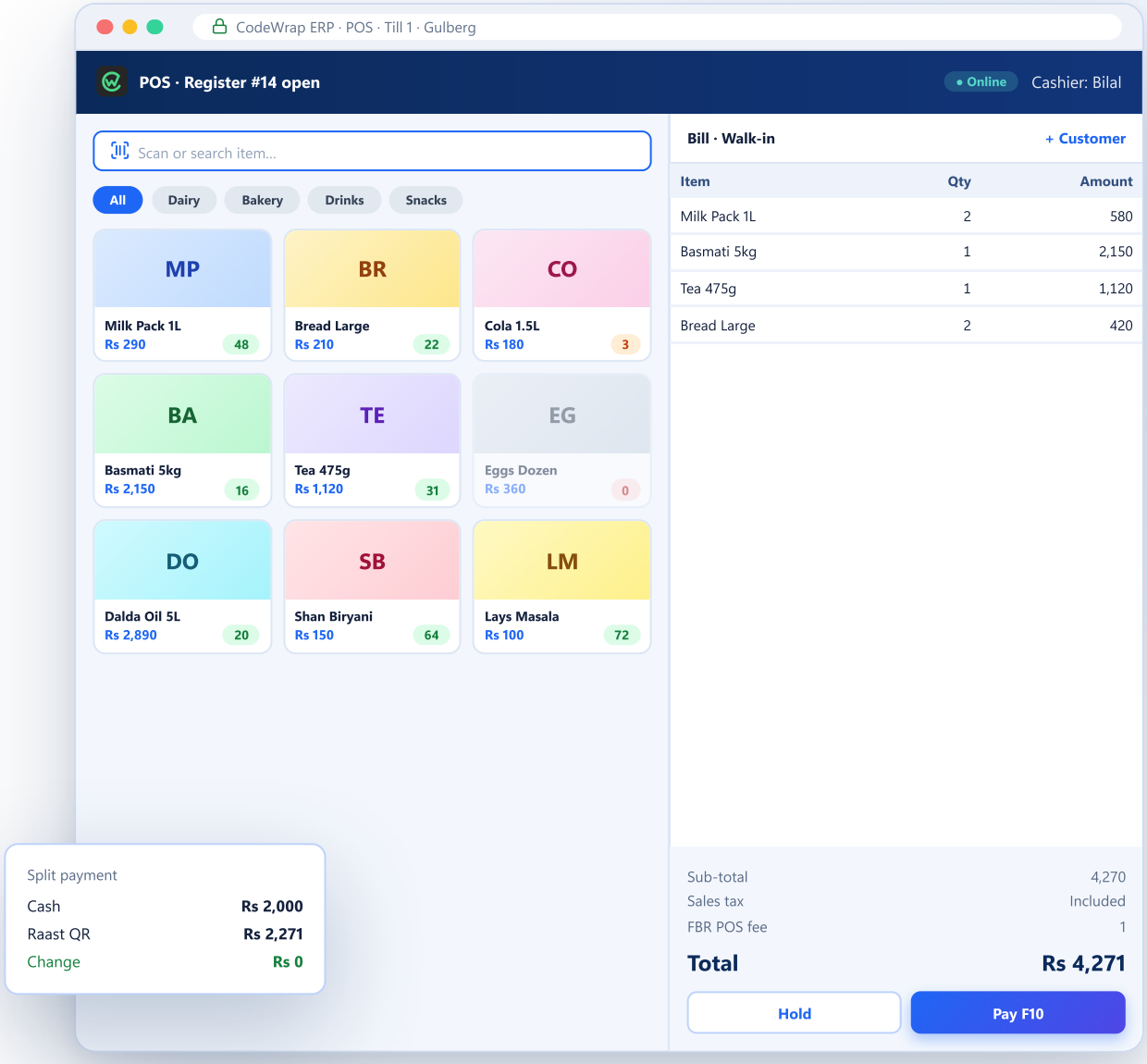
Split payment, any way
Cash, card, cheque, gift card, loyalty points, Raast QR, JazzCash, Easypaisa

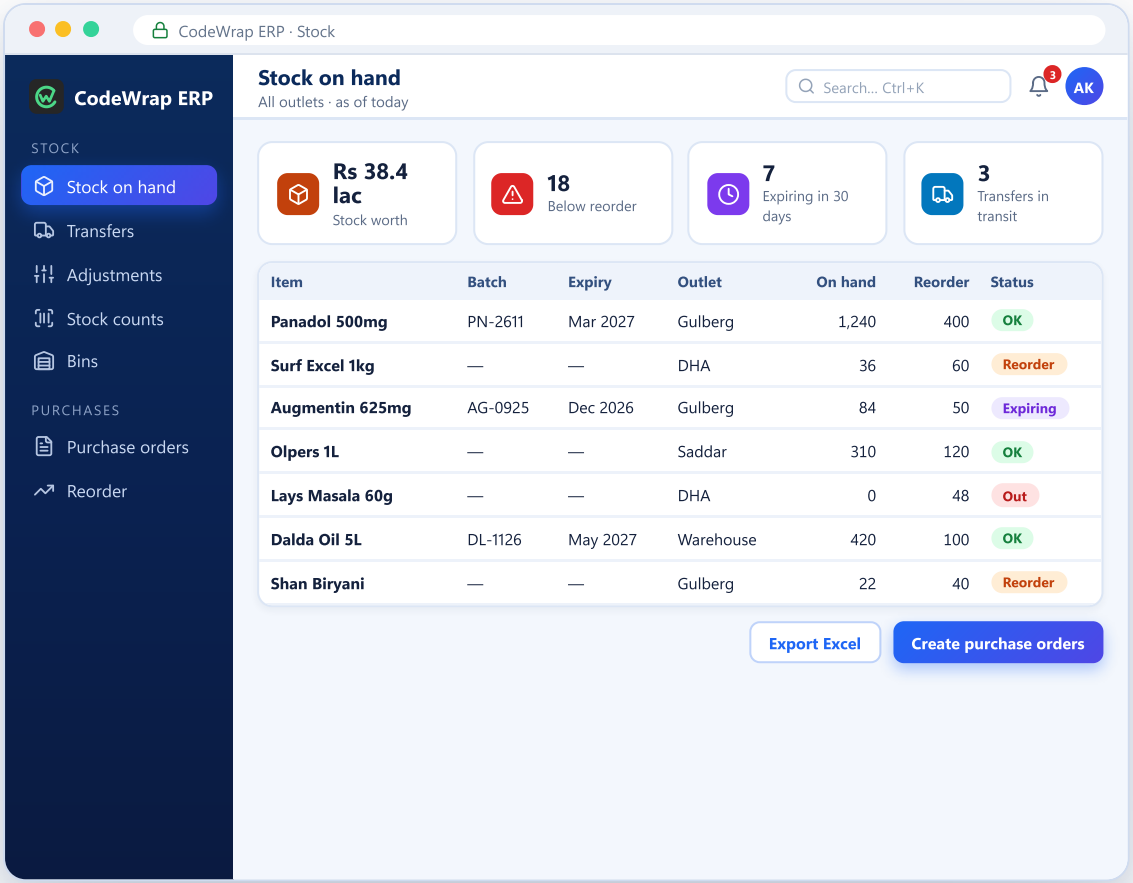
Registers & day-end
Opening float, cash in / out, X & Z reports, blind close, variance approval

Manager PIN control
Price and discount changes only with a manager's PIN, every override logged

Sells offline
Own number blocks, PIN sign-in, syncs with no duplicates when back online

Held & split bills · Quotations · Returns & exchanges · Customer display · WhatsApp receipts · Urdu receipts





04 INVENTORY & PURCHASES

Know what you have, and where.

Every unit tracked by outlet, batch, expiry and bin — with smart reorder suggestions that become purchase orders in one click.

Batches, expiry & serials
Earliest-expiry-first selling, IMEI lookup, stock card per item

Purchase orders to payment
Approval, PDF to supplier, goods received, returns, debit notes

Reorder suggestions
Explained per item, low-stock alerts, supplier price lists, RFQs

Transfers & landed cost
Between outlets, in transit; freight and duty added to item cost

Counts with phone camera
Blind counts, bins, put-away, pick lists, adjustments with reasons

FROM PURCHASE ORDER TO SHELF, IN ONE FLOW

Reorder suggestion
Levels, sales & forecasts

Purchase order
Approved, PDF to supplier

Goods received
Against the PO, with quality check

Supplier bill
Landed cost, tax, journal

Payment
With withholding tax

On the shelf
Transferred to outlets

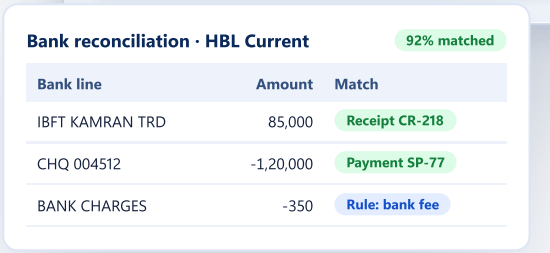
05 ACCOUNTING & FINANCE

Accounts that keep themselves.

No double entry by hand. Every document posts its own balanced journal, so statements are ready any day of the month.

- **Chart of accounts** ready for your business type, with cost centers and projects
- **Trial balance, P&L, balance sheet, cash flow** and account ledger — live
- **Customer receipts & supplier payments** with oldest-invoice-first matching
- **Cheque register**: deposit, clear, bounce, post-dated reminders
- **Bank reconciliation** with statement import and automatic matching
- **Expenses, recurring bills, vouchers** and fund transfers
- **Multi-currency**, fixed assets with depreciation, budgets vs actual
- **Ageing, statements, month-end close** and opening balance wizard





1 step
Document → stock → ledger → journal

2
Lock dates to protect closed months

0
Unbalanced journals — ever

06 PAKISTAN TAX COMPLIANCE

FBR-ready on day one.

Invoices reach FBR and your provincial authority by themselves. If the line is down, they wait and retry — the sale never waits.

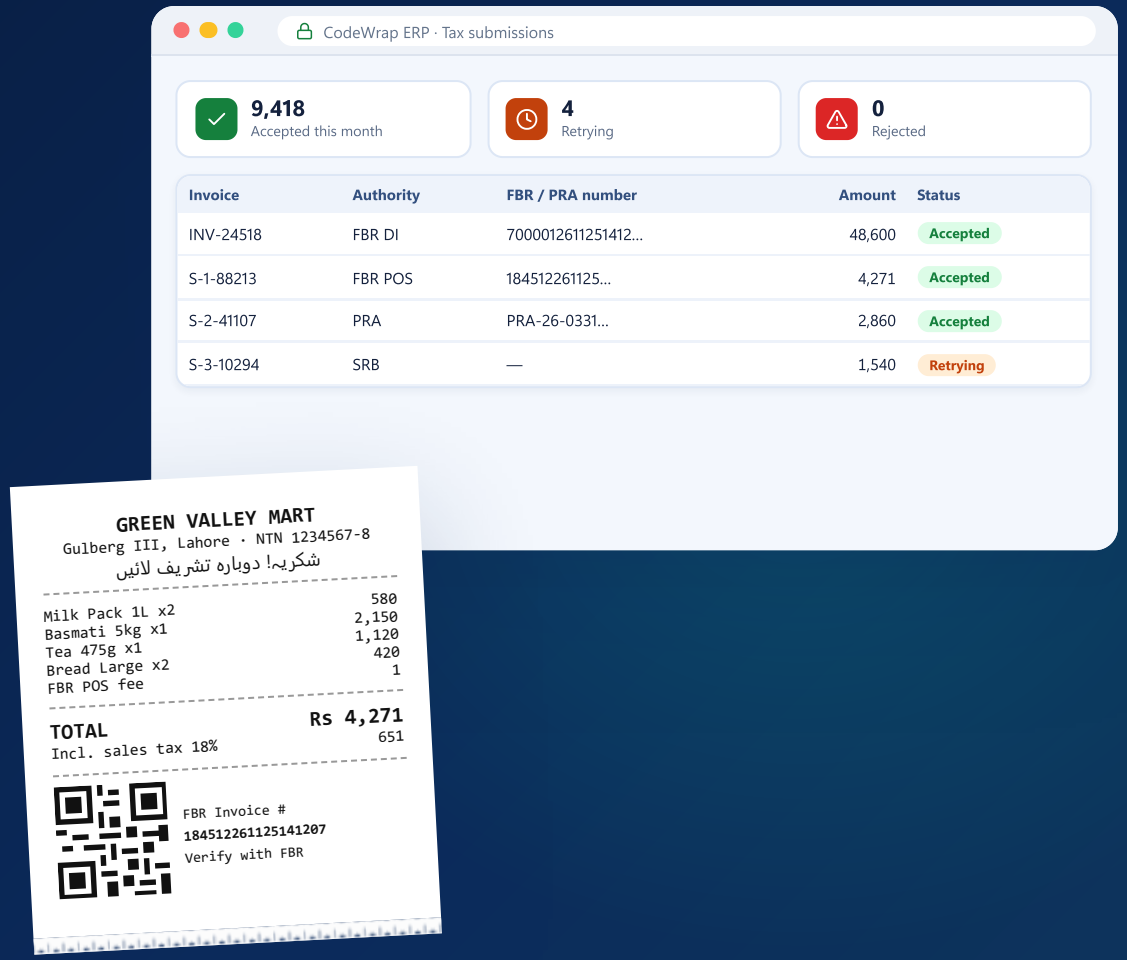
FBR Digital Invoicing & FBR POS
Invoice number and QR on every receipt; cloud or through the till PC

Provincial authorities
PRA, SRB, KPRA, BRA — each gets only its own lines

Withholding & advance tax
Filer / non-filer rates by date, 236G / 236H, certificates, monthly statement

Returns made easy
Annex-C sales and Annex-A purchase registers, return summary, tax dashboard

Alerts before trouble
Outlet disconnection alerts at 12 / 24 / 36 hours, reconciliation with FBR



HOW EVERY SALE REACHES THE TAX AUTHORITY

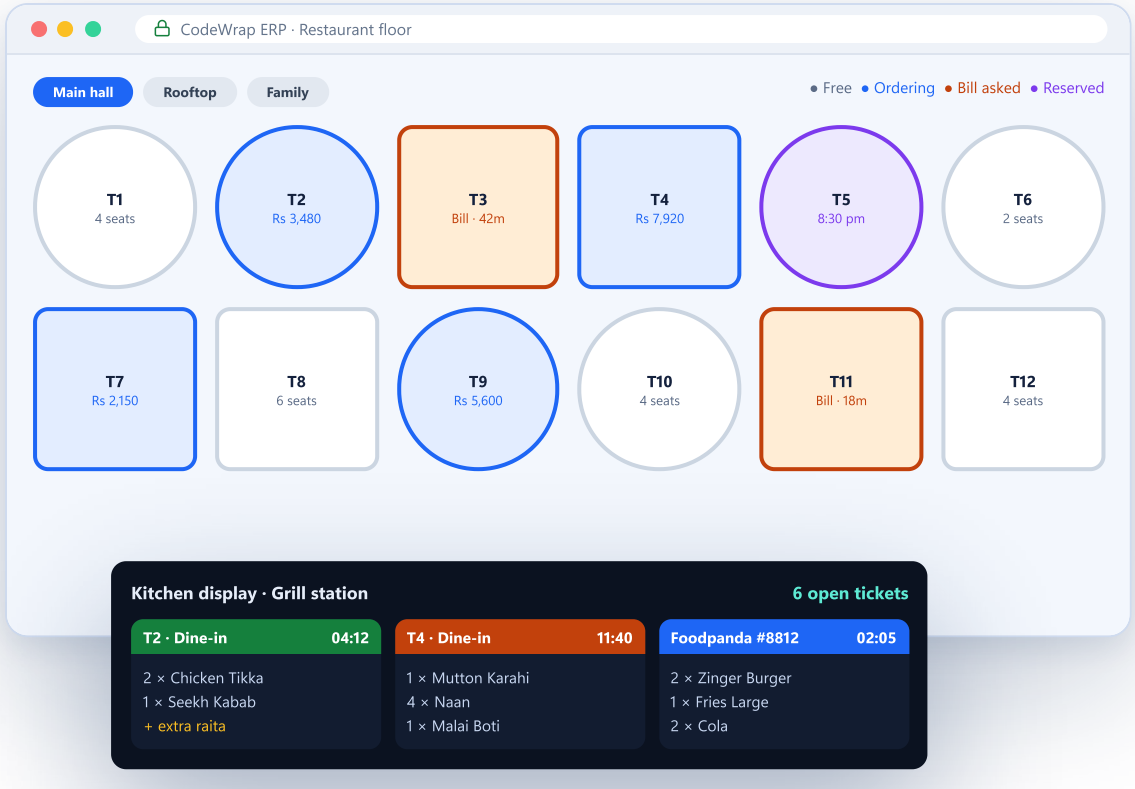
Sale posted
At the till or as an invoice

Queued
The customer never waits

Sent
FBR, PRA, SRB, KPRA or BRA

Number + QR
Printed on the receipt

Reconciled
Checked against FBR's records



07 RESTAURANT & HOSPITALITY

From the table, to the kitchen, to the rider.

One system for dine-in, takeaway, delivery and food apps — with recipes that take ingredients out of stock as you sell.

- **Floor plan** with zones, live table status, move and merge tables
- **Orders with courses, seats and add-ons**; service charge per order type
- **Split bills** whole, by dishes or equal shares
- **Kitchen display** with timers, bump and recall, kitchen printers
- **Recipes** with waste % and yield, food cost and actual use
- **Waiter phone app**, QR table menu and self-order kiosk
- **Delivery zones, riders** and rider cash settlement
- **Table reservations** with deposits and reminders
- **Foodpanda orders** straight into the kitchen

EVERY WAY YOU SERVE, ONE SYSTEM

Dine-in
Tables, courses, seats

Takeaway
Fast counter orders

Delivery
Zones, riders, COD

QR & kiosk
Guests order themselves

Foodpanda
Orders into the kitchen

Built for those who supply the market.

Distribution & field sales

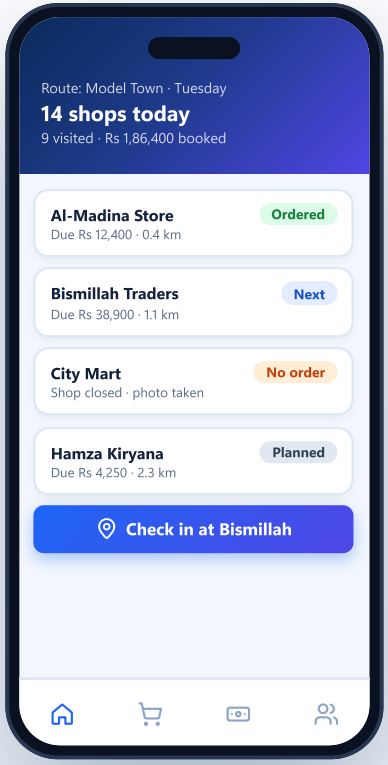
Order booker app
Works a full day offline: today's shops, dues, prices, orders, collections

Routes, beats & GPS visits
Check-in with GPS and photo, no-order reasons, visit history

Credit hold
Orders over limit or overdue wait for approval

Delivery runs & van sales
Load sheets, stops, signatures, van stock and cash reconciled

Targets & recovery
Monthly targets, incentives to payroll, recovery sheets



Manufacturing

BOMs & routings
Work centers with hourly rates, stages, wastage %

Production orders
Materials issued and returned, stage transfers, quality checks

True production cost
Overheads and expenses absorbed, every step its own journal

Job work in / out
Goods sent to or received from job workers, gate passes

MRP planning
Suggests production and purchase orders from demand

A DISTRIBUTOR'S DAY

1. **Order booked** — At the shop, offline
2. **Credit check** — Limit & overdue days
3. **Delivery run** — Invoiced at dispatch
4. **Cash collected** — Van reconciled

A PRODUCTION ORDER

1. **BOM & routing** — Stages from the item
2. **Materials issued** — Wastage recorded
3. **Stages & QC** — Overheads absorbed
4. **Finished goods** — At their true cost

09 CUSTOMERS & PEOPLE

Keep customers coming back — and staff paid on time.

Sales & CRM

Loyalty tiers & points
Spend points at the till, birthday points

Promotions
Buy X get Y, bundles, happy hour, coupons

Gift cards
Sell, top up, pay, expiry and write-off

Sales orders
Approval, part deliveries, advances

Leads & deals
Pipeline, follow-ups, public lead forms

Campaigns
SMS, WhatsApp, e-mail to segments, with consent

Appointments
Calendar with staff, no double booking

Repair jobs
Job cards, warranty check by IMEI

Ayesha Khan · Gold member
2,480 points
= Rs 2,480 off next bill

Visits 38
Spent Rs 1,92,300
Birthday in 6 days

HR & payroll

Attendance
ZKTeco machine files, phone GPS, by hand

Shifts & rosters
Late, early, overtime rules, holidays

Leave
Types, balances, requests, approval

Salaries & loans
Templates, allowances, advances

Payroll by law
Salary tax, EOBI, social security, gratuity

Pay & post
Bank file or cash sheet, one journal

Payslips by link
WhatsApp, SMS or e-mail

My HR
Staff check in, leave, payslips on phone

November payroll · 42 staff	Gross	Tax	EOBI	Net
Usman Ali · Store manager	1,20,000	2,500	370	**1,17,130**
Sana Tariq · Accountant	95,000	1,250	370	**93,380**
Total Approved	27,40,000	31,800	15,540	**26,92,660**

FROM LEAD TO LOYAL CUSTOMER

1. **Lead** — Form, call or walk-in
2. **Deal** — Follow-ups on the board
3. **Customer** — Won on the first invoice
4. **Loyal** — Points, tiers, campaigns

PAYROLL IN FIVE STEPS

1. **Attendance** — Machine or phone
2. **Calculate** — Tax, EOBI, loans
3. **Approve** — Review each payslip
4. **Post** — One balanced journal
5. **Pay** — Bank file + payslips

10 REPORTS, DASHBOARD & AI

See your business. Ask it questions.

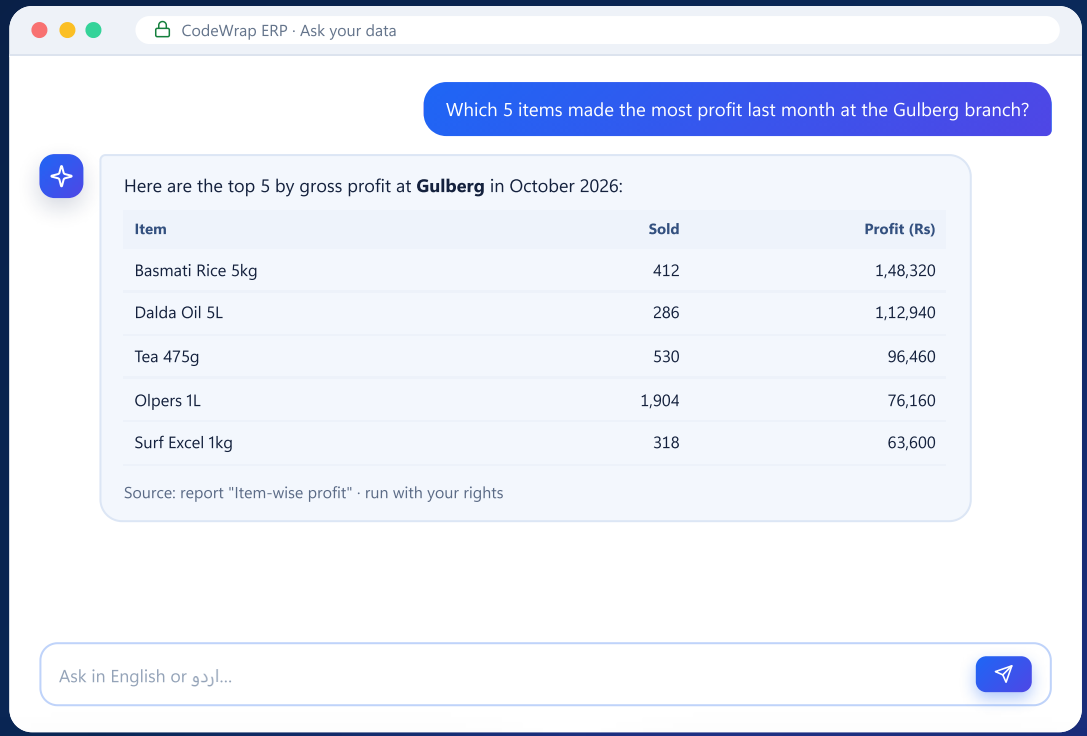
85 ready reports
Sales, stock, finance, tax, restaurant, field, production, HR — filter, group, chart, export PDF / Excel / CSV

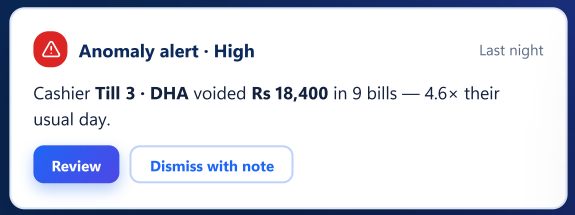
Owner dashboard & daily summary
Sales, profit, cash and outlets; push summary on your phone every day

Scheduled & custom reports
Build your own, share by role, send by e-mail or WhatsApp on a schedule

Anomaly & fraud alerts
Nightly check on voids, discounts, refunds, drawer opens, short registers

Demand forecasts
Per item and outlet, with weekday, trend and Ramadan / Eid lift — feeding reorder







11 MAKE IT YOURS — NO CODING

Your fields. Your screens. Your receipts.

Shape CodeWrap ERP around how you work, right from Settings.

Forms & custom fields
Show, hide or require fields by company or role; 11 kinds of extra fields in lists, imports and prints

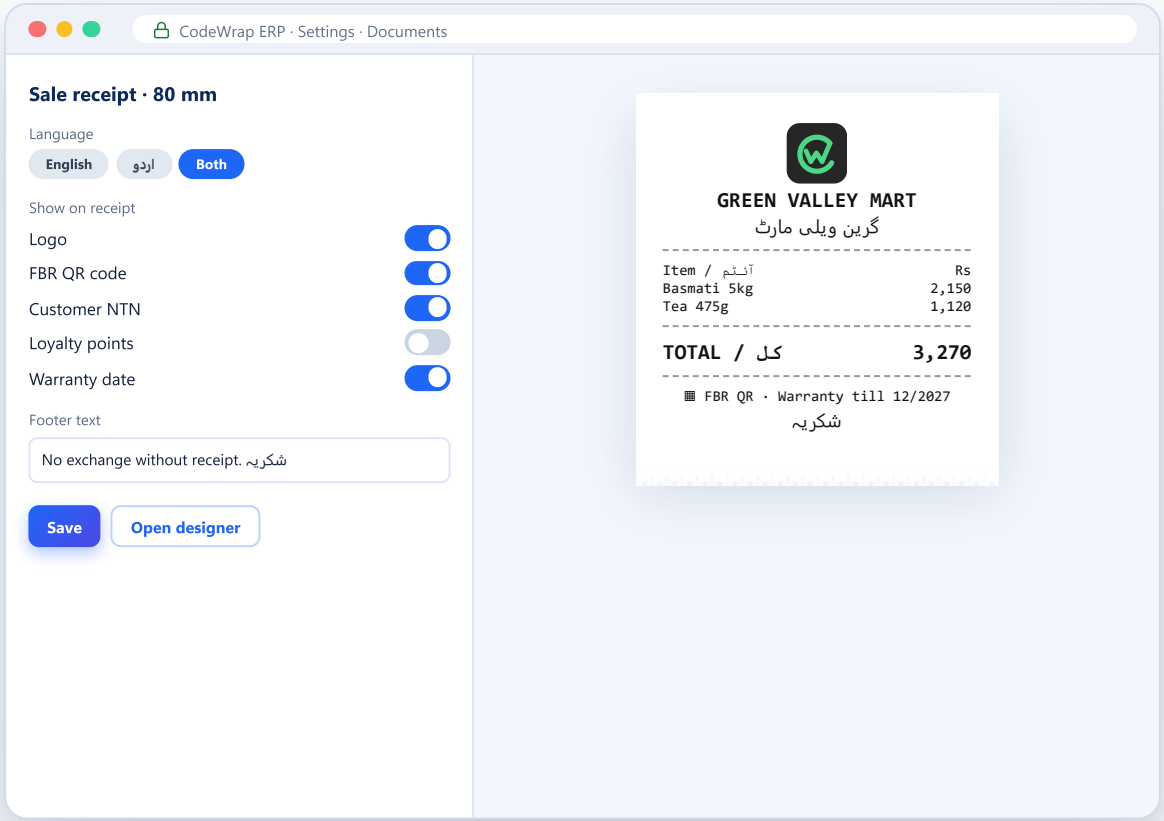
Receipt & invoice designer
58 / 80 mm and A4 layouts in English, Urdu or both, logo, FBR QR, per-outlet templates

Roles & rights
460+ rights in a tree, field rights, outlet limits, approval rules

Numbering & settings
Prefix, suffix, yearly restart; settings pages for every module

Personal workspace
Saved views, favorites, home tiles, light / dark, English / اردو, Ctrl+K search, F1 help

Import & export
Excel / CSV templates in English and Urdu, check before saving, undo



YOUR RULES, ENFORCED: AN APPROVAL RULE AT WORK

Discount 15%
Above the 10% limit

Manager notified
Bell, e-mail or push

Approve or PIN
On the phone or at the till

Logged
Who, when and why

12 INTEGRATIONS

Connected to everything you use.

Each business connects its own accounts in Settings → Integrations. Keys are stored encrypted and every call is logged.

Tax authorities
FBR Digital Invoicing · FBR POS · PRA · SRB · KPRA · BRA

Payments
JazzCash · Easypaisa · PayFast · Raast QR · Payment links

Online selling
Shopify · WooCommerce · Daraz · Own online shop

Food delivery
Foodpanda orders · Status sent back · Menu push

Messaging
WhatsApp Cloud API · SMS gateways · Twilio · SMTP · SendGrid

Accounting & banks
QuickBooks export · Xero export · Bank statement import · Salary bank file

Till hardware
Receipt printers · Label & A4 printers · Cash drawer · Pole display · Weighing scale

Attendance
ZKTeco machines · CSV punch files · Phone GPS

Developers
Public REST API · API keys with scopes · Signed webhooks

CONNECT ONCE, IT RUNS BY ITSELF

Connect — Your own account and keys

Test — One click to check the link

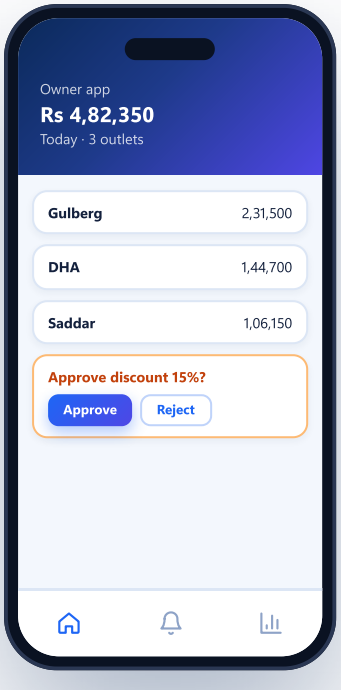
Runs in background — Retries if a service is down

Health alerts — Told when something fails

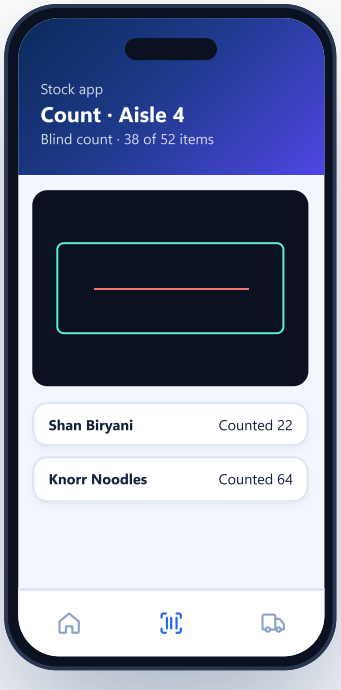
Activity log — Every call recorded, keys masked

Your business, in your pocket.

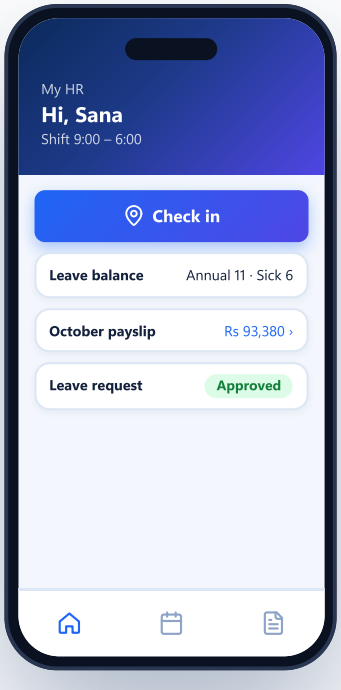
Install CodeWrap ERP on any phone or tablet straight from the browser — with push notifications and no app store needed.



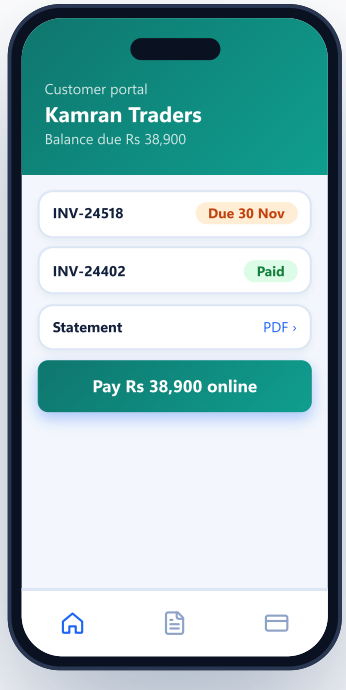
Owner app
Sales, cash, approvals, alerts



Stock app
Counts, transfers, goods received



My HR
Check-in, leave, payslips



Customer & supplier portals
Invoices, statements, pay online, POs

Push notifications
Approvals and alerts on your phone

Tablet POS
Side-by-side till, big touch tiles

Field app
Order booking that works offline

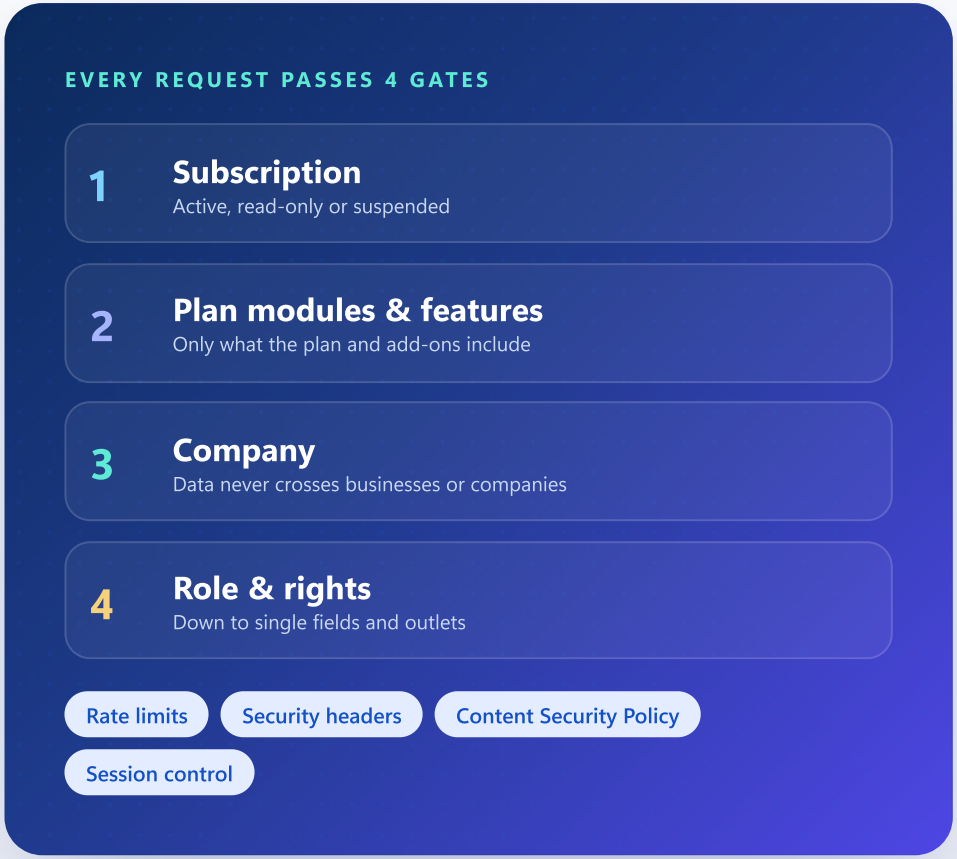
Waiter app
Take orders at the table

14 SECURITY & ACCESS

Serious security, at small-business scale.

Every request is checked in order — subscription, plan, company, then the user's role — before any data is touched.

- **Two-step sign-in**
  Authenticator app codes and recovery codes
- **Roles with 460+ rights**
  Four ready templates; no one can grant more than they have
- **Registered tills & cashier PIN**
  Tills are trusted devices; lost device = remote wipe
- **Encrypted secrets, hashed passwords**
  AES-256 for keys, PBKDF2 for passwords, nothing stored in the browser
- **Full audit trail**
  Every change recorded and kept for 6 years
- **Your data, separate & exportable**
  Shared or dedicated database, full export any time



2-step
Sign-in with an authenticator app

6 years
Audit trail kept

AES-256
Encryption for keys and secrets

100%
Your data, exportable any time

Start small. Grow without switching.

Each plan includes everything in the plan before it. Every plan starts with a 14-day free trial.

Monthly or yearly · Upgrade any time · Add-ons

Starter

For a single shop

3 users	1 outlet
2 tills	5,000 items

- POS online & offline
- Items & inventory
- Customers & suppliers
- Accounting & cash book
- Raast QR, WhatsApp receipts
- Core reports

Business

Multi-outlet retail & restaurants

10 users	3 outlets
6 tills	50,000 items

STARTER, PLUS

- FBR POS & Digital Invoicing
- Purchases & POs
- Bank rec, WHT, cost centers
- CRM, loyalty, gift cards
- Restaurant module
- Online stores & gateways
- Approvals & custom fields

MOST COMPLETE

Professional

Distributors & manufacturers

25 users	10 outlets
20 tills	∞ items

BUSINESS, PLUS

- Distribution & field app
- Manufacturing & MRP
- HR & payroll
- Multi-currency, fixed assets
- Budgets, layout designer
- API & webhooks
- AI assistant & alerts

Enterprise

Chains & groups

∞ users	∞ outlets
∞ tills	∞ companies

PROFESSIONAL, PLUS

- Multi-company with shared data
- Daraz & delivery apps
- Customer & supplier portals
- AI demand forecasting
- Dedicated database option

Add-ons: FBR POS / Digital Invoicing for Starter · custom report builder · document layout designer · SMS, WhatsApp and AI credit packs

Simple billing: prorated plan changes, invoices with sales tax, coupons, usage and invoices in Settings → Subscription

EVERY PLAN INCLUDES

Cloud hosting · English & اردو · Offline till · Mobile apps · Push notifications · Two-step sign-in · Excel import / export · Receipt templates · Full data export · In-app help (F1)

CodeWrap ERP
BY CODEWRAP

The depth of a full ERP. The ease of a modern app.

Everything in one place
POS, stock, accounts, tax, HR and reports — no add-on software, no double entry.

Made for Pakistan
FBR and provincial tax, WHT, EOBI, Raast, JazzCash, Easypaisa, lakh / crore and Urdu.

Cloud, yet never stuck
Use it anywhere; tills and order bookers keep working when the internet doesn't.

Shaped to your business
10 business types, your fields, your receipts, your roles — no coding.

Smart by default
Anomaly alerts, demand forecasts and an assistant that answers from your own data.

Safe and yours
Two-step sign-in, 460+ rights, full audit trail and full data export.

Start your 14-day free trial

CodeWrap ERP · by CodeWrap
English & اردو · Web, tablet & phone