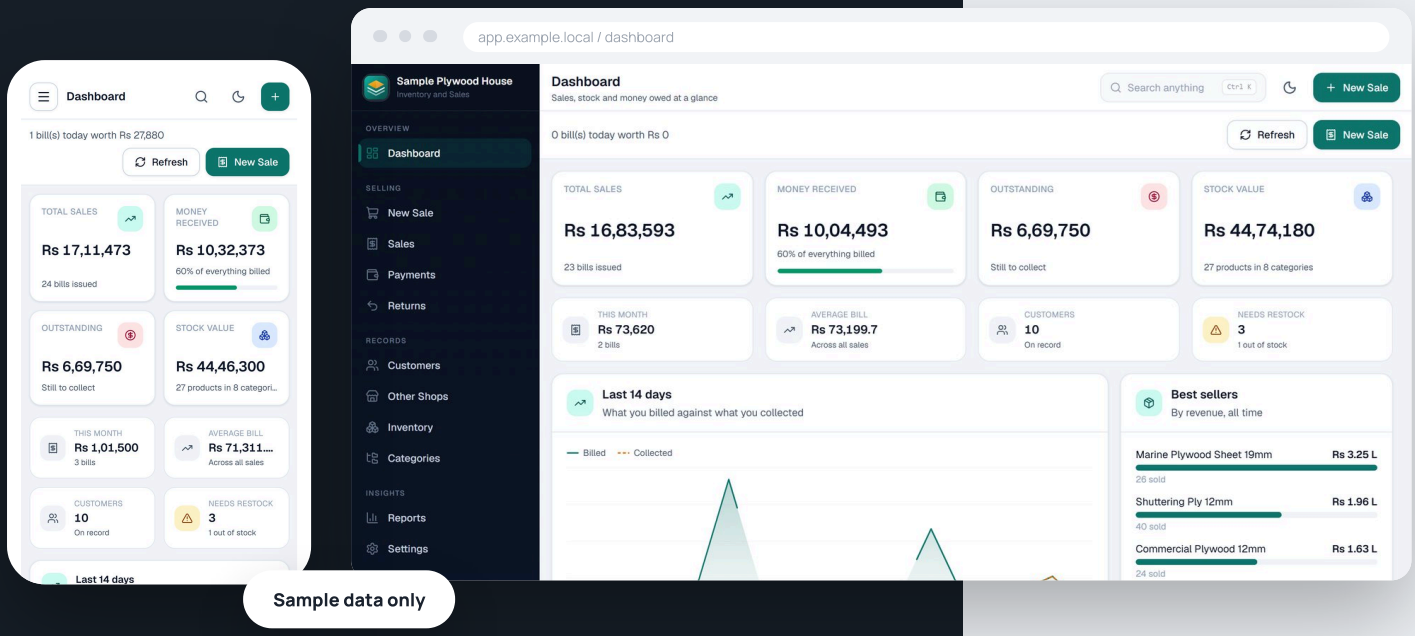
PROJECT OVERVIEW AND FEATURE GUIDE



Sample data only

COMPLETE PROJECT

Inventory and sales management system

SELLING · CUSTOMERS · STOCK · REPORTS · RECEIPTS

One system for a plywood and hardware shop. Sell, track stock, take part payments, keep customer accounts and print receipts in English or Urdu.

PREPARED FOR
Sample Plywood House

DOCUMENT
Project overview

PREPARED BY
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Contents

34 SECTIONS · 36 PAGES

What the system does, screen by screen, with sample data.

SELLING AND CUSTOMERS

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SUPPLIERS, STOCK, REPORTS AND SETTINGS

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01 Introduction

PROJECT OVERVIEW

A complete system for a plywood and hardware shop. It replaces paper bills and notebooks with one screen that stays correct.

Sell, track stock and keep every customer account in order, all in one place.

The problem

Paper bills get lost. Balances sit in notebooks. Stock counts are always out of date.

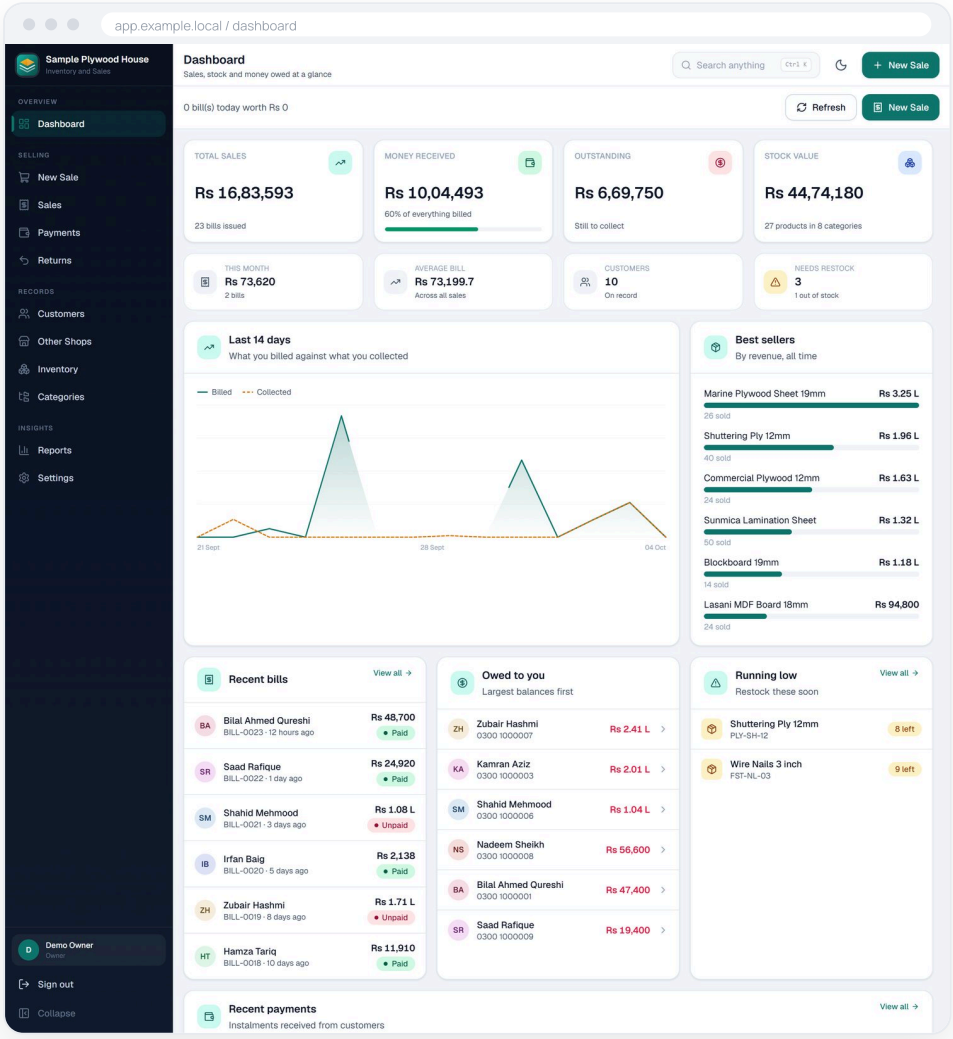
The answer

Every bill, payment and return is saved once. Stock and balances update by themselves.

Who uses it

The owner, managers and counter staff. Each person sees only what they are allowed to.

14	3	2	7
SCREENS	USER ROLES	RECEIPT LANGUAGES	SETTINGS TABS



The dashboard shows sales, money owed and stock warnings.

Every screen in this document uses sample data. No real customer, shop or money figures are shown.

02 System at a glance

FOUR AREAS

The menu is split into four groups. Each module has one clear job.

OVERVIEW

Dashboard
Sales, stock and money owed at a glance.

SELLING

New Sale
Build a bill and take payment.

Sales
Every bill you have issued.

Payments
Instalments received from customers.

Returns
Goods handed back and what was refunded.

RECORDS

Customers
Profiles, balances and payment history.

Other Shops
Goods fetched from other sellers and what you owe.

Inventory
Products, stock levels and pricing.

Categories
Group products and manage grades.

INSIGHTS AND SETTINGS

Reports
Sales, profit and receivables by period.

Settings
Shop details, accounts, printing, backups.

HOW A SALE FLOWS

01 **Pick products**

02 **Choose customer**

03 **Take payment**

04 **Print receipt**

05 **Balance tracked**

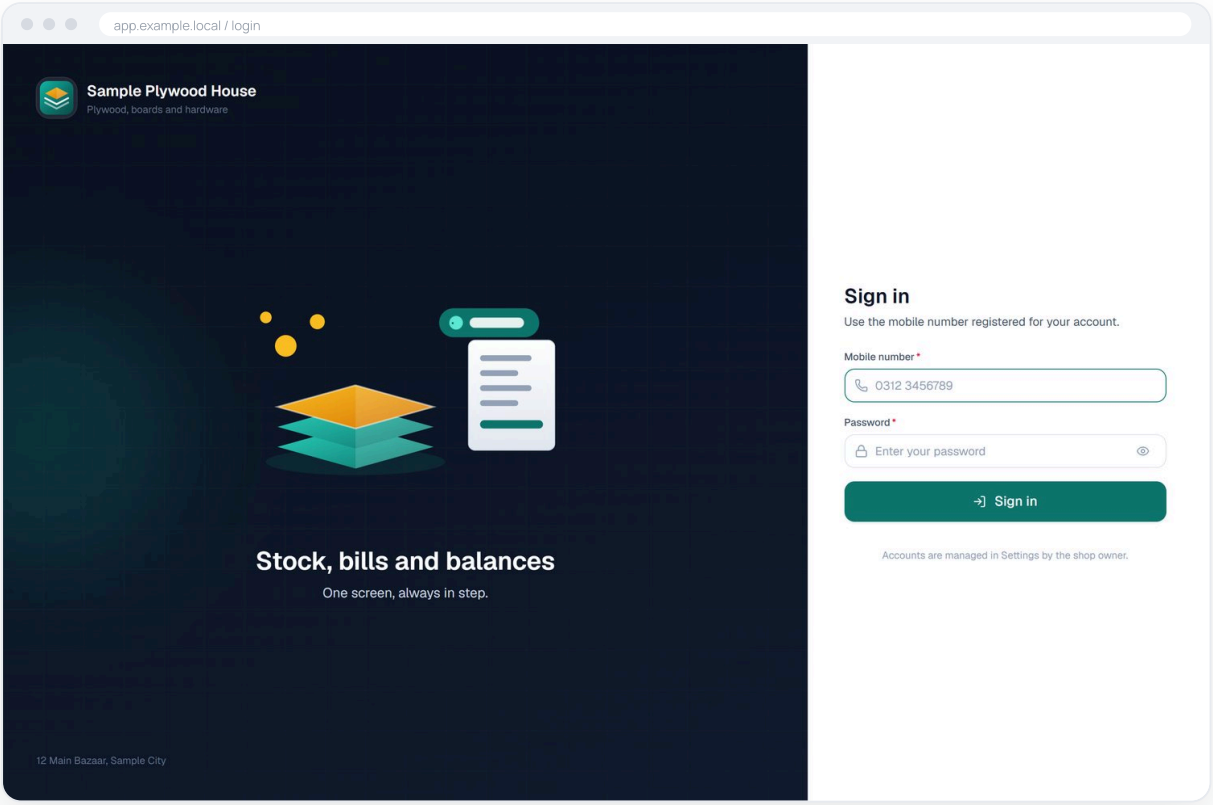
BUILT IN

- Urdu and English receipts
- Roles and permissions
- Activity history
- Automatic backups
- Spreadsheet and PDF export
- Dark mode
- Works on phones
- Quick search

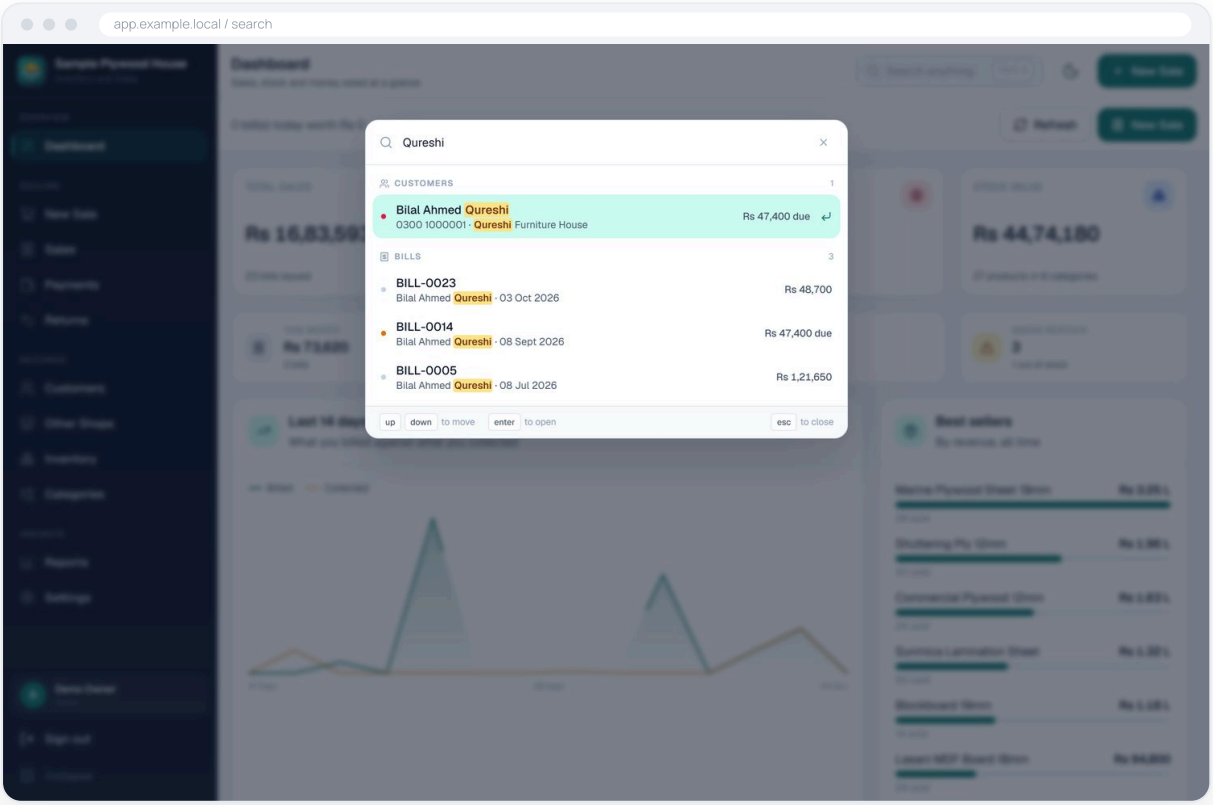
03 Sign in and search

SECURITY

People sign in with a mobile number and password. Quick search then finds any customer, product or bill from any page.



Sign in page. Passwords are stored as a salted hash, never as plain text.

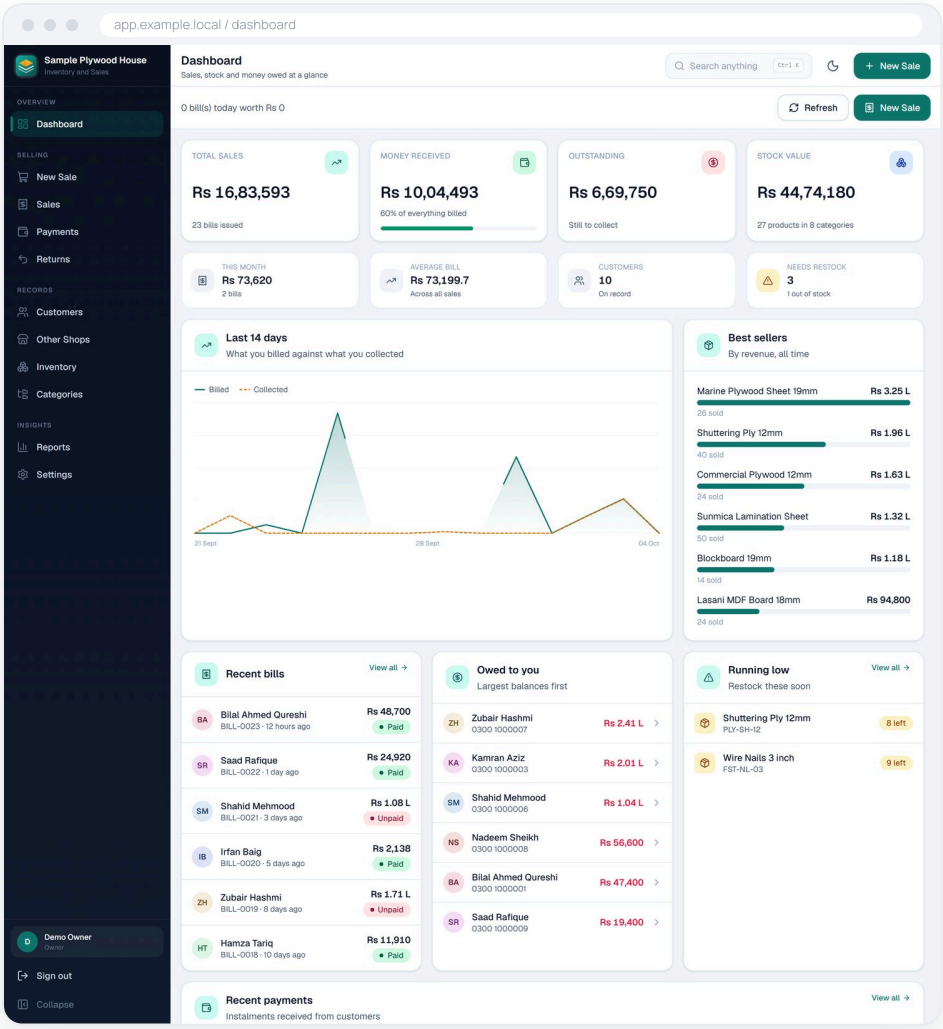


Quick search with Ctrl and K. Jump to a customer or bill in seconds.

04 Dashboard

HOME SCREEN

The first screen after sign in. Shows how the shop is doing without opening a report.



ON THIS SCREEN

- Total sales, money received, money still owed and stock value
- This month, average bill, customer count and restock warnings
- A 14 day chart of billed against collected
- Best selling products by revenue
- Recent bills and the latest payments
- Customers who owe the most, largest first
- Products running low, so you can restock in time
- A New Sale button is always one click away

Money owed

See at once how much customers still owe the shop.

Stock warnings

Products below their level are listed so nothing runs out.

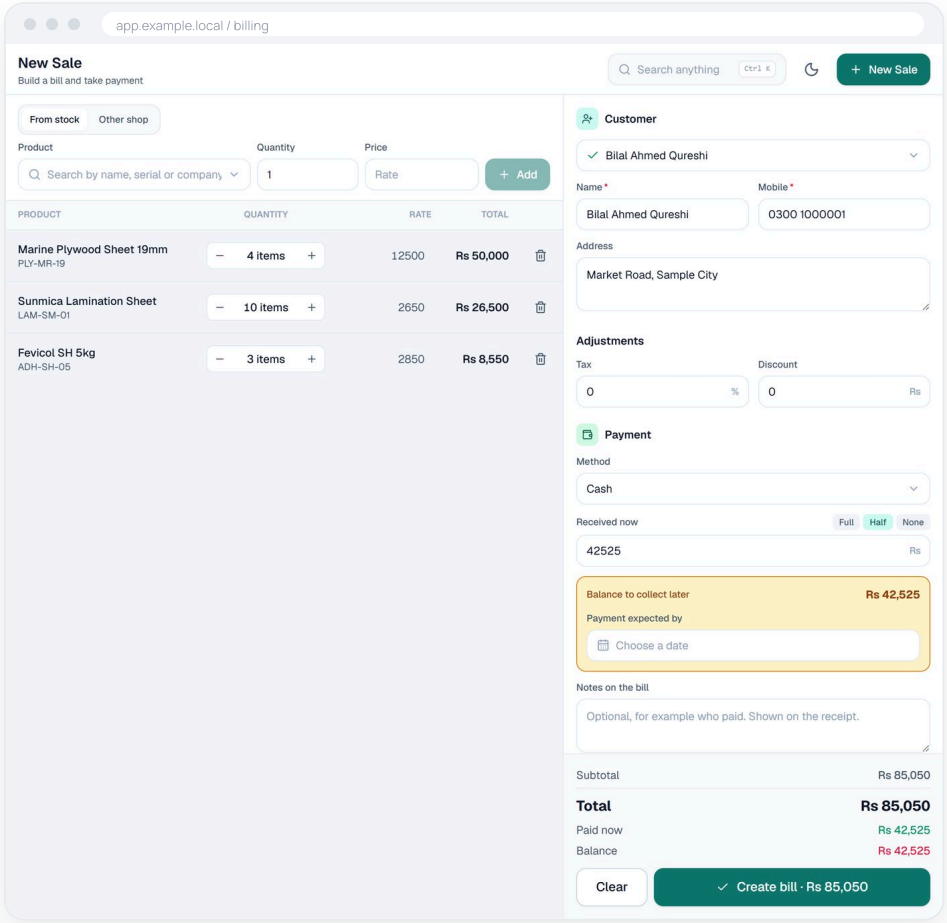
Always current

Figures update the moment a bill or payment is saved.

05 New sale

COUNTER SCREEN

Search a product, set the quantity and add it. The bill builds on the left. Customer and payment sit on the right.



WHAT YOU CAN DO

- Search products by name, serial number or company
- Stock is checked as each line is added
- Sell by item, dozen, kilogram, inch or set
- Pick a saved customer or type a walk in customer
- Add tax and discount
- Take the Full amount, Half or None with one click
- Set the date the balance is expected
- Add notes that print on the receipt

Part payment
Take some money now and keep the rest on the customer account.

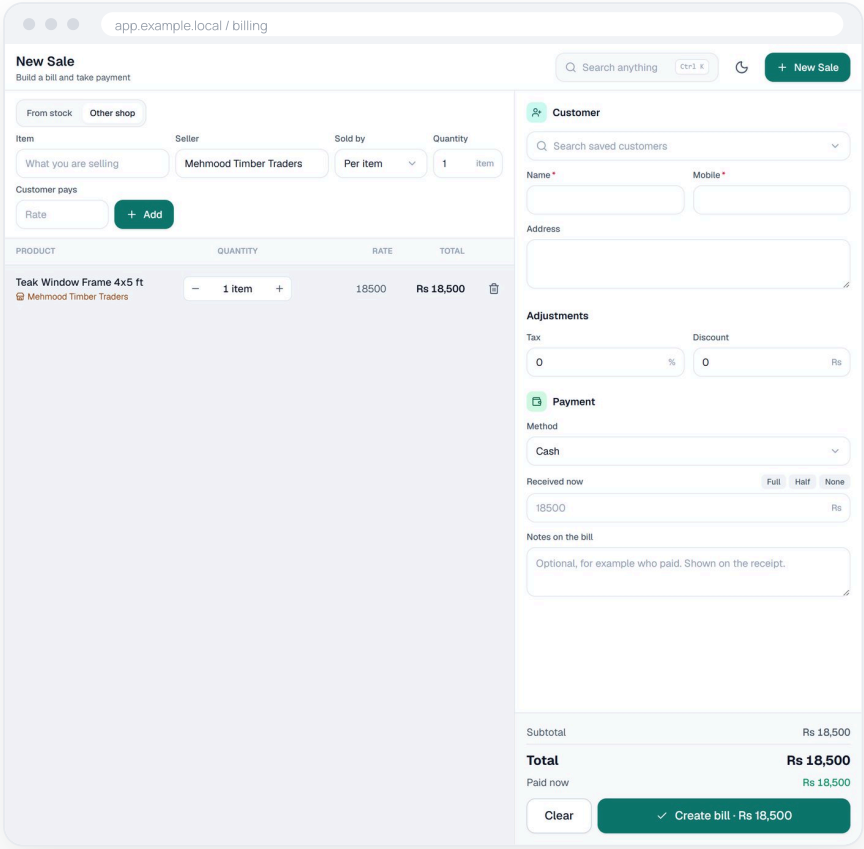
Live totals
Subtotal, total, paid now and balance update as you type.

One click bill
Create the bill and open the receipt straight away.

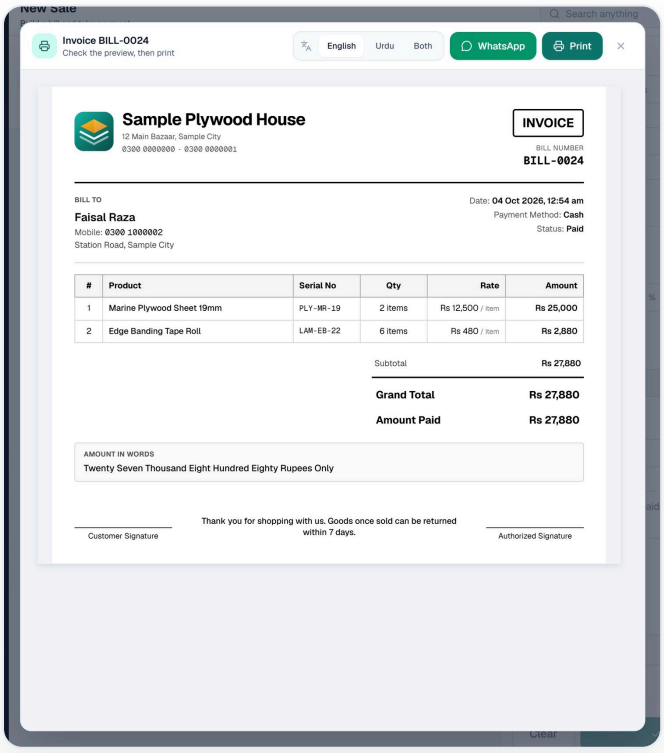
06 Items from other shops

SPECIAL ORDERS

If a customer wants something you do not keep, add it from another shop. The bill still prints as one bill.



Other shop tab. Name the item, the seller and what the customer pays.



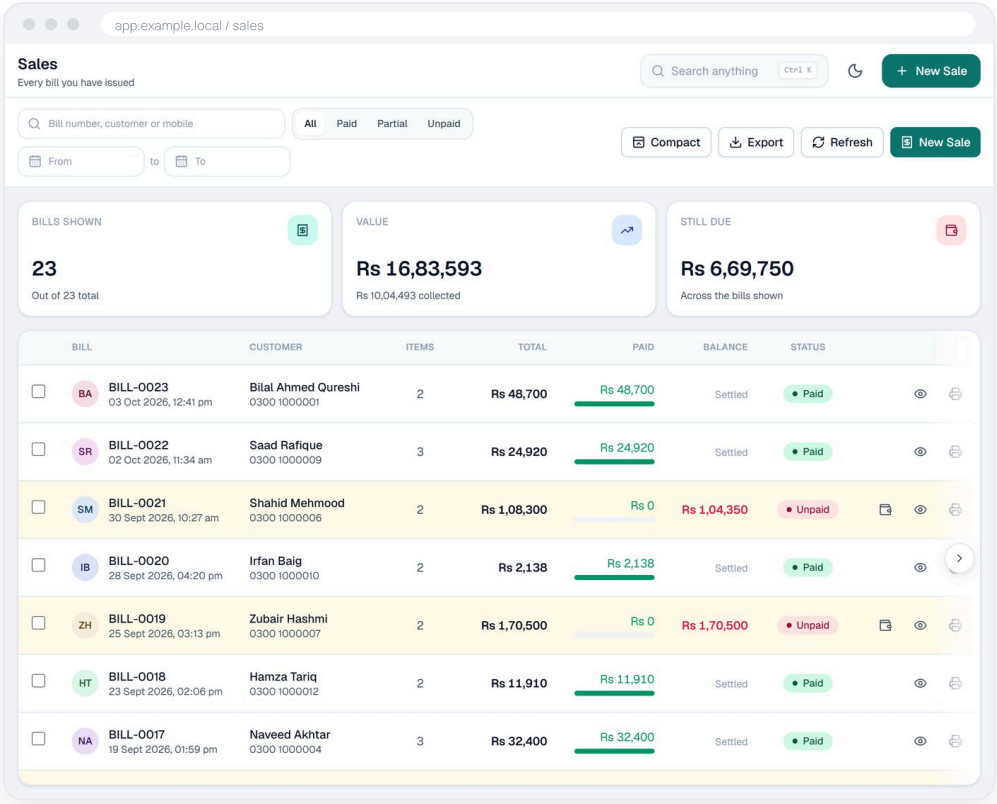
AFTER SAVING

- The receipt opens at once
- Print it or send it on WhatsApp
- The cost of the item is tracked under Other Shops
- Stock of your own products is not touched

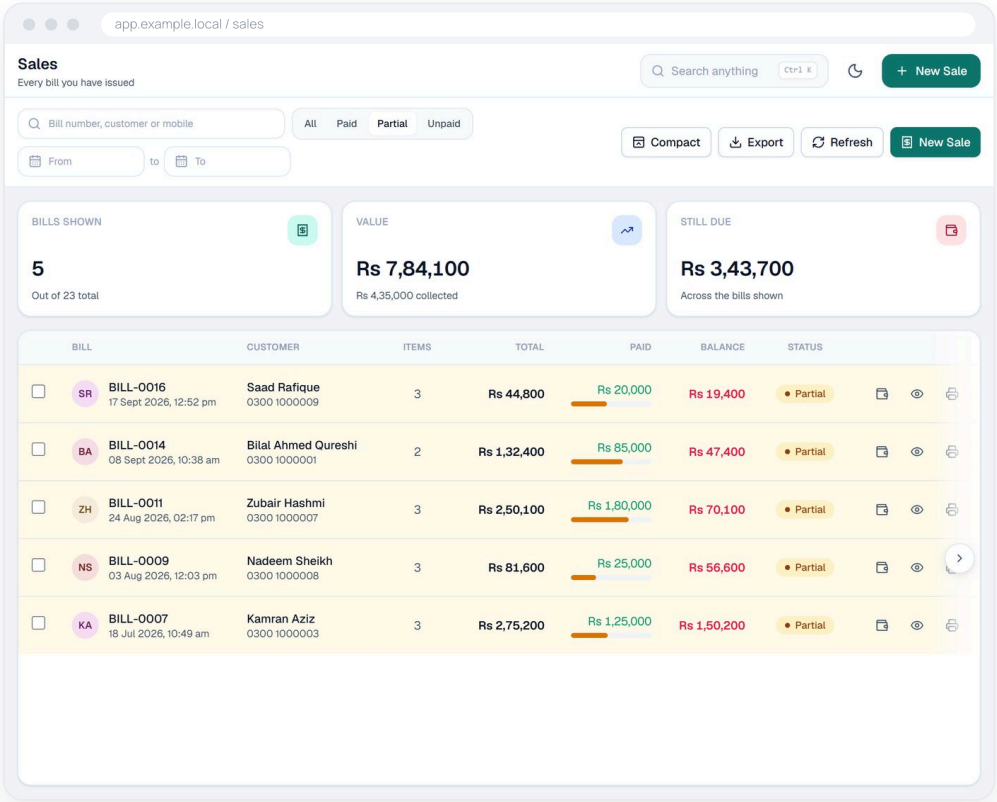
07 Sales list

ALL BILLS

One list for every bill. Paid, part paid and unpaid bills are easy to tell apart. Late balances are highlighted.



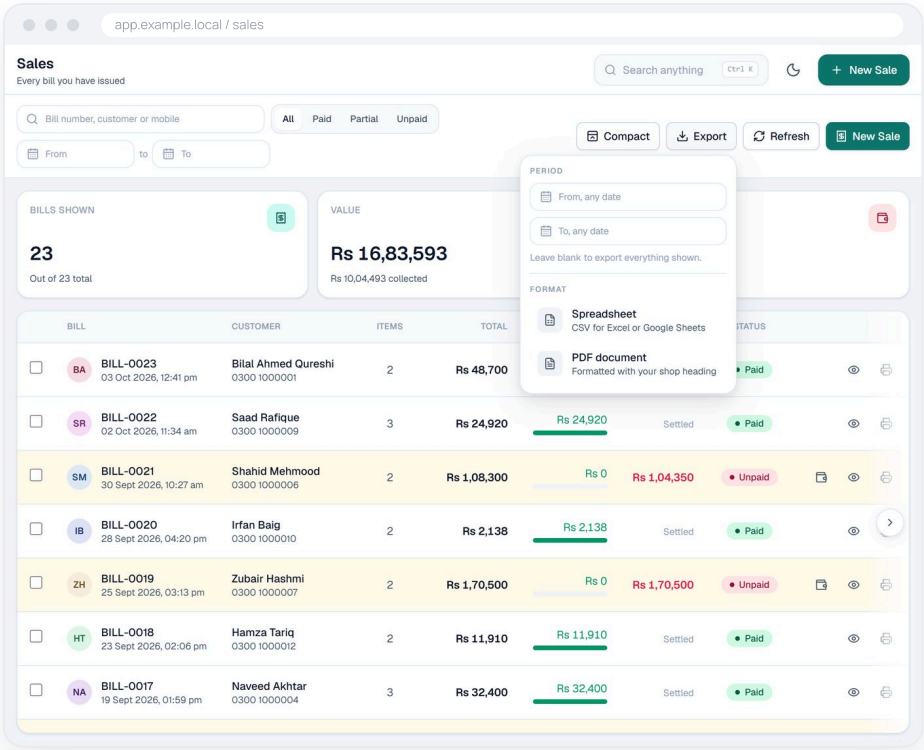
The full list with totals for bills shown, value and still due.



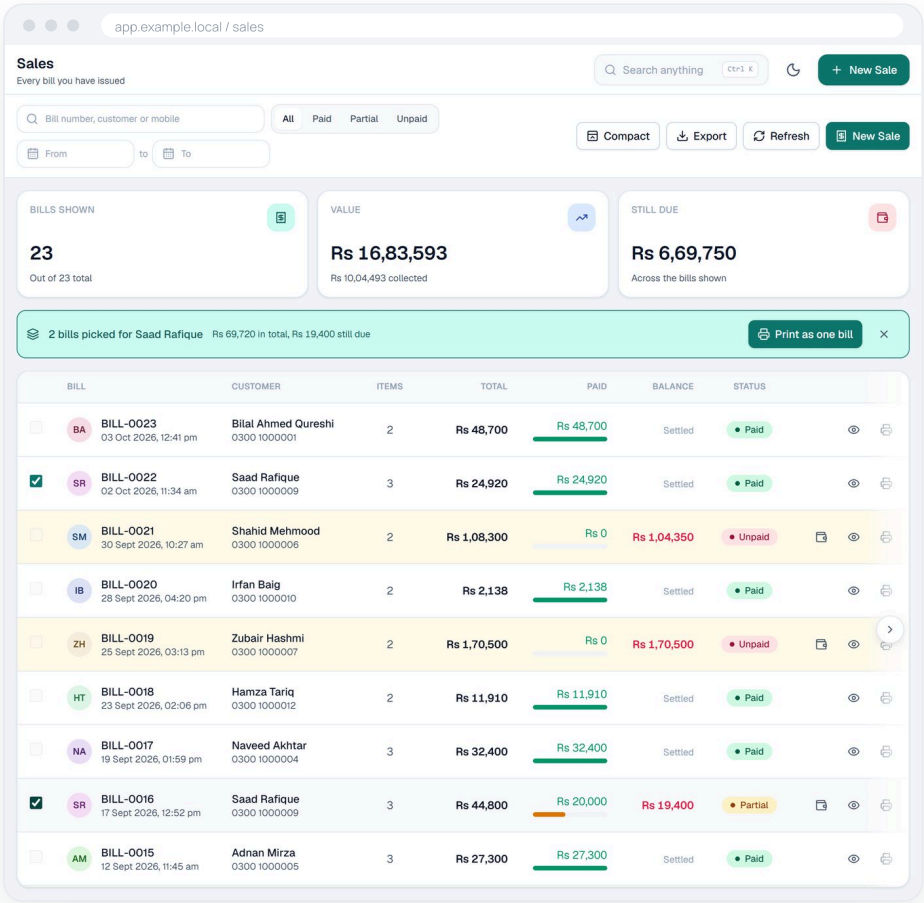
Filter by Paid, Partial or Unpaid. Search by bill, customer or mobile.

08 Export and combine

Take the list out of the system, or join several bills of one customer into a single printed bill.



Export as a spreadsheet or a PDF with your shop heading. Pick a date range first.

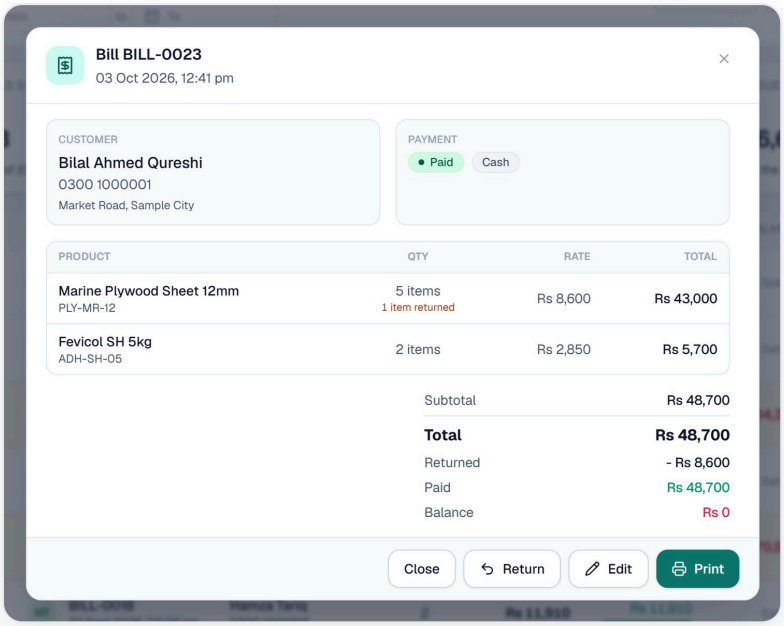


Tick bills of the same customer, then print them as one bill.

09 Bill details and edits

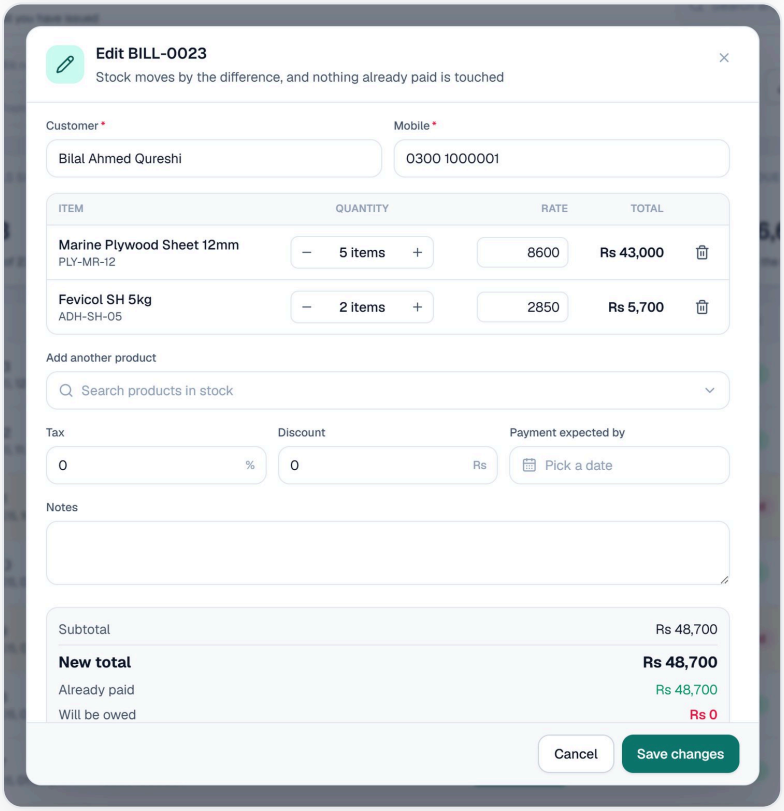
AFTER ISSUE

Open any bill to see the detail. A bill can still be changed after it is issued, with stock kept correct.



VIEW A BILL

- Customer, payment status and method
- Every line with quantity, rate and total
- Returned goods are marked on the line
- Return, Edit and Print from one place



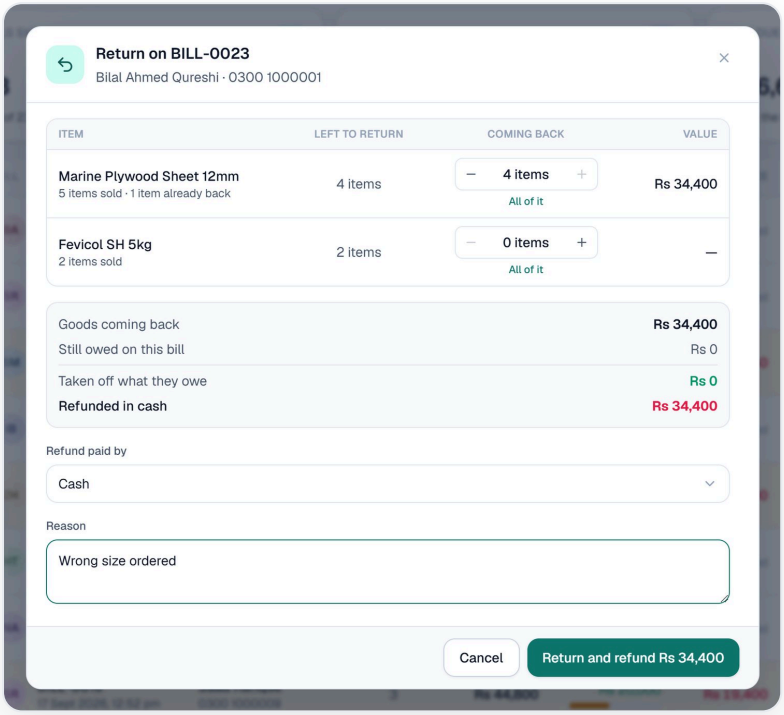
EDIT A BILL

- Change quantity or rate on any line
- Add another product from stock
- Stock moves by the difference only
- Money already paid is never touched
- Set or change the date payment is expected

10 Returns and cancelling

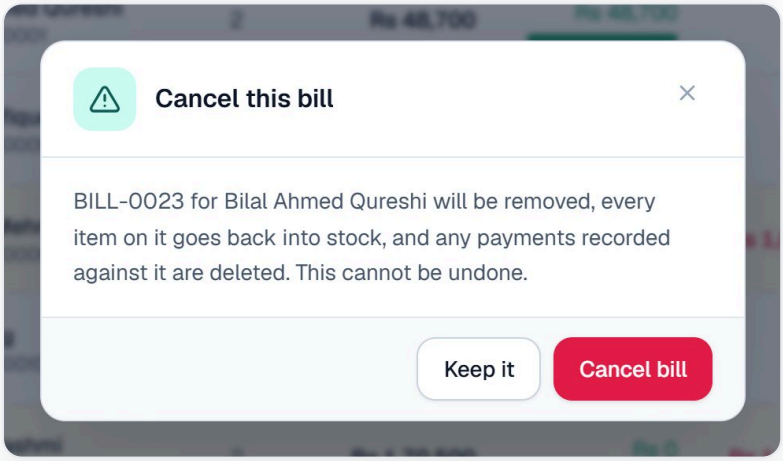
FIXING MISTAKES

Customers return goods. A bill is sometimes wrong. Both are handled without breaking the accounts.



RETURN ITEMS

- Choose how much of each line comes back
- Credit is taken off what the customer owes first
- Any extra is refunded in the method you pick
- Goods go back on the shelf automatically
- Add a reason such as damaged or wrong size



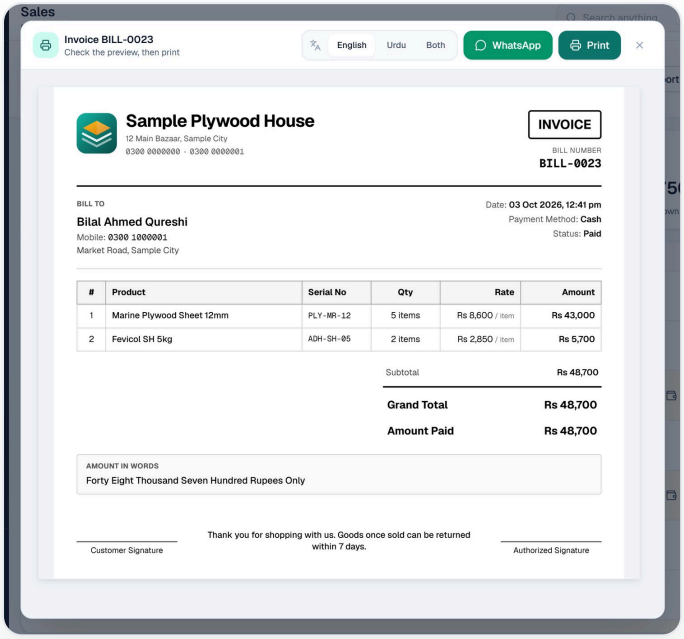
CANCEL A BILL

- Removes the bill and its payments
- Stock goes back to the shelves
- A clear warning is shown first
- Only people with permission can do it

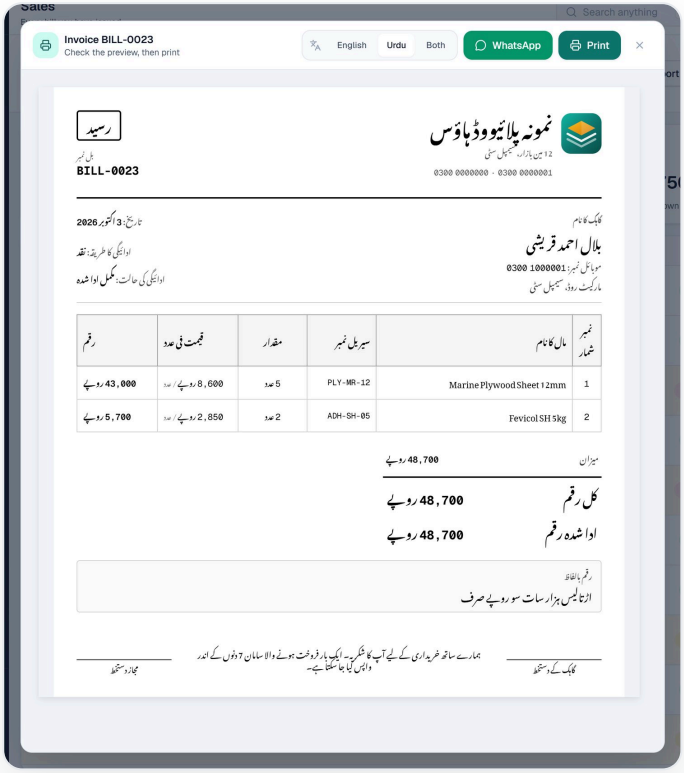
11 Receipts

PRINTING

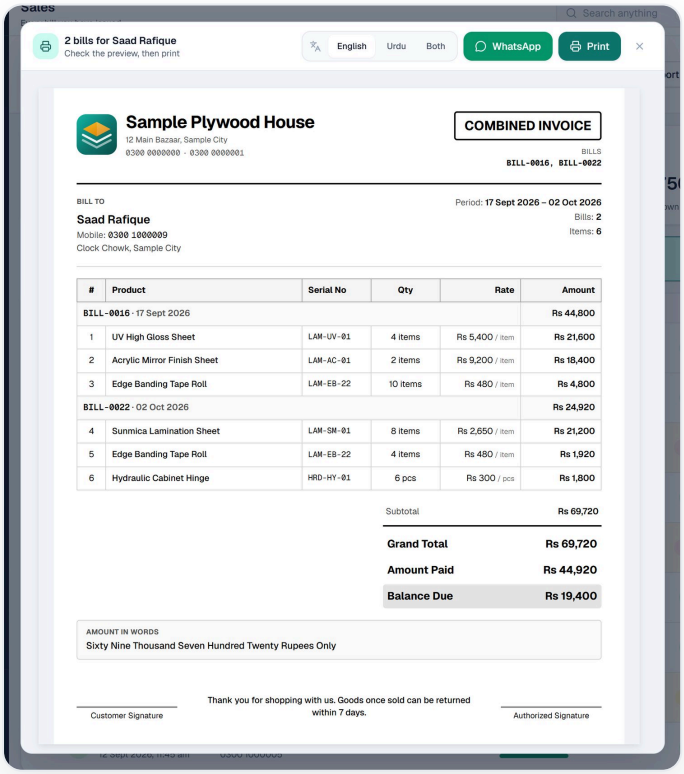
Every bill prints on a clean letterhead. Choose English, Urdu or both pages in one run. Combined bills and payment receipts are included.



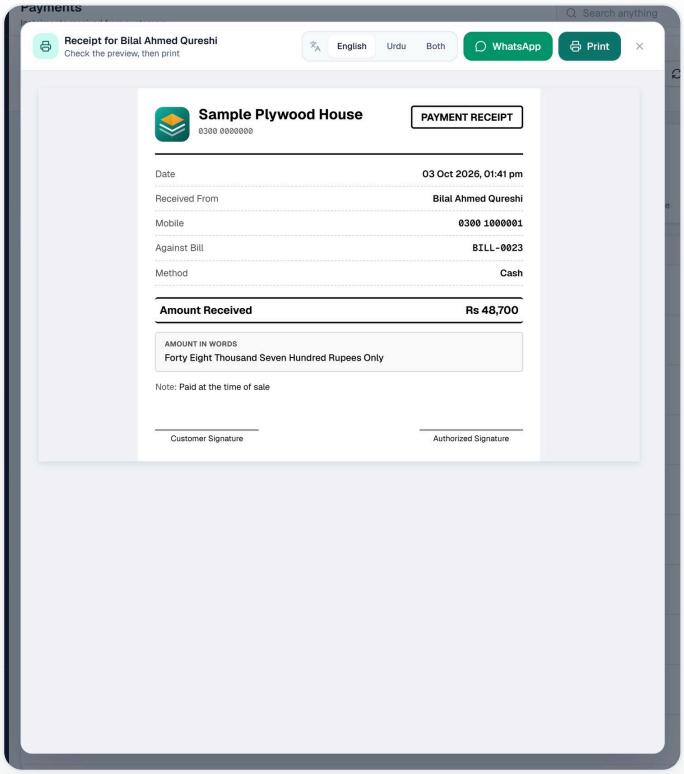
English invoice with Print and WhatsApp buttons.



Urdu receipt. Right to left, Nastaliq type, amount in Urdu words.



Combined bill for several purchases, with the balance due.

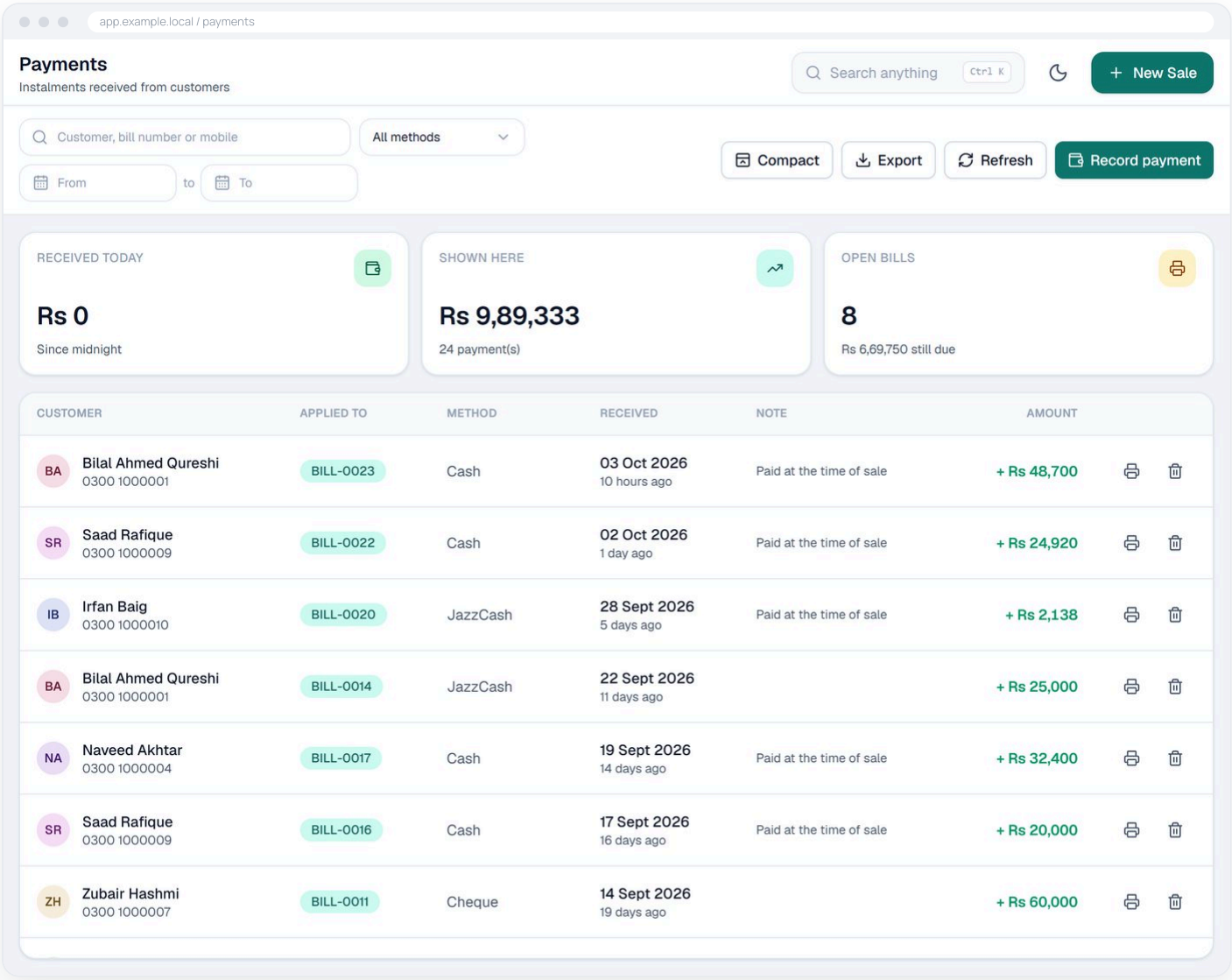


Payment receipt for one instalment, with the amount in words.

12 Payments

MONEY IN

Every rupee received is listed here, with the bill it was applied to and the method used.



All payments with method, date and note. Print a receipt or reverse a payment entered by mistake.

Many methods
Cash, bank transfer, cheque, card and mobile wallets.

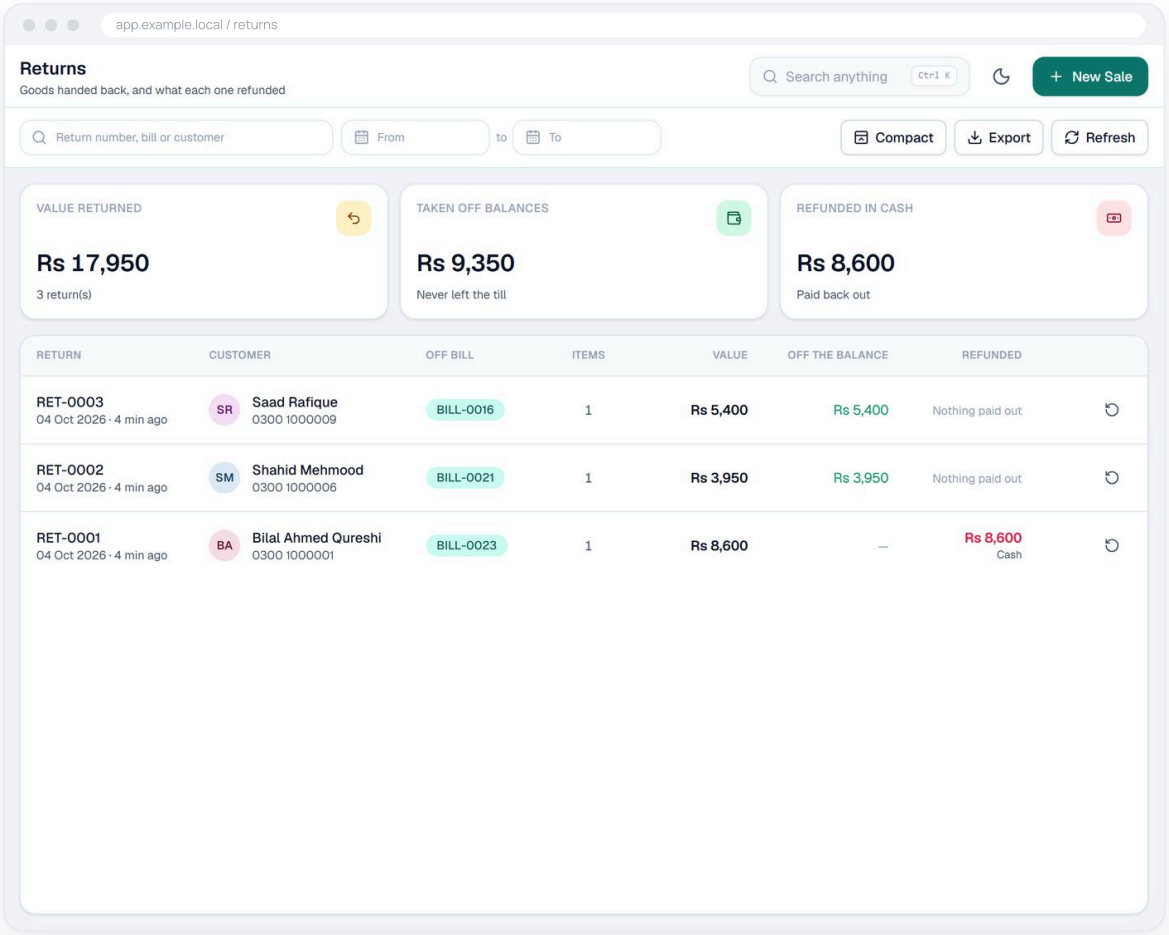
Oldest bill first
A payment on account clears the oldest unpaid bill first.

Reversal
A wrong entry can be reversed and balances correct themselves.

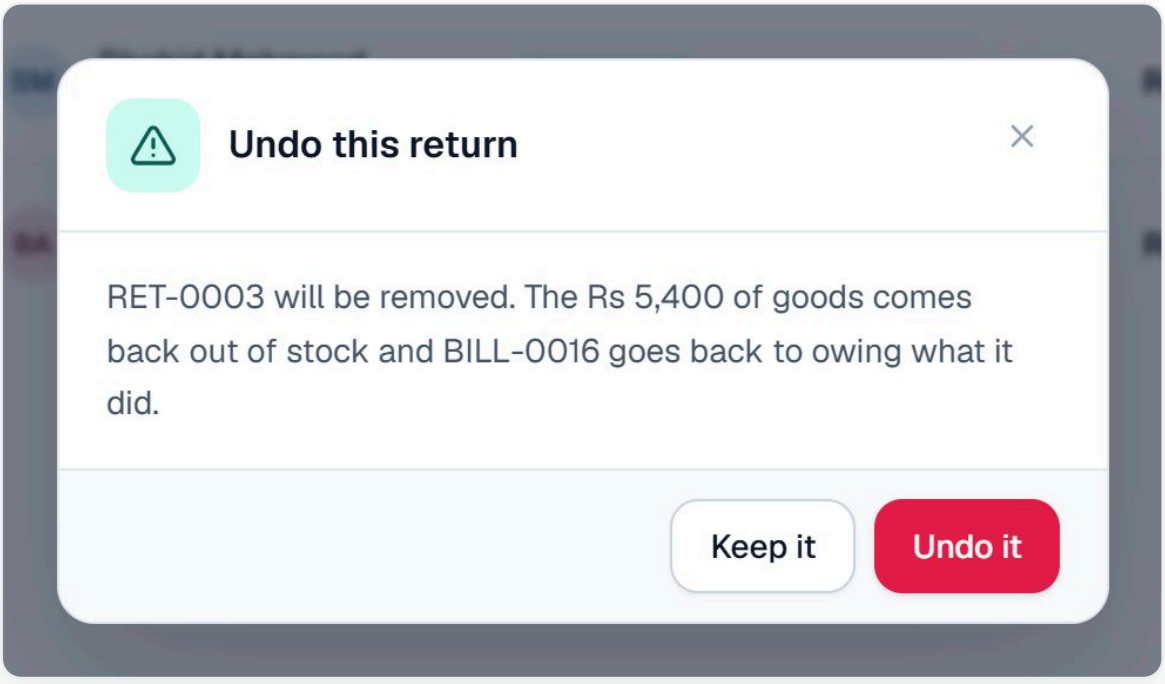
13 Returns page

HISTORY

Every return is recorded with its value, what came off the balance and what was paid back.



Return list with value returned, taken off balances and refunded in cash.

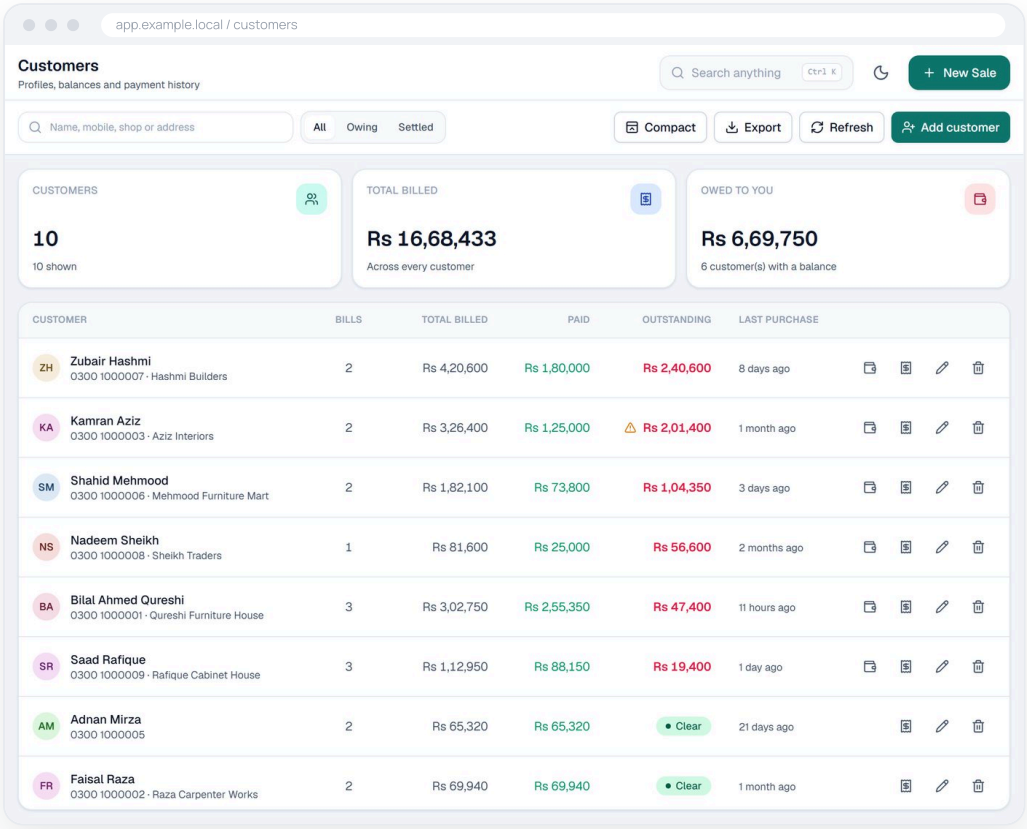


A return can be undone. Stock and the bill balance go back as they were.

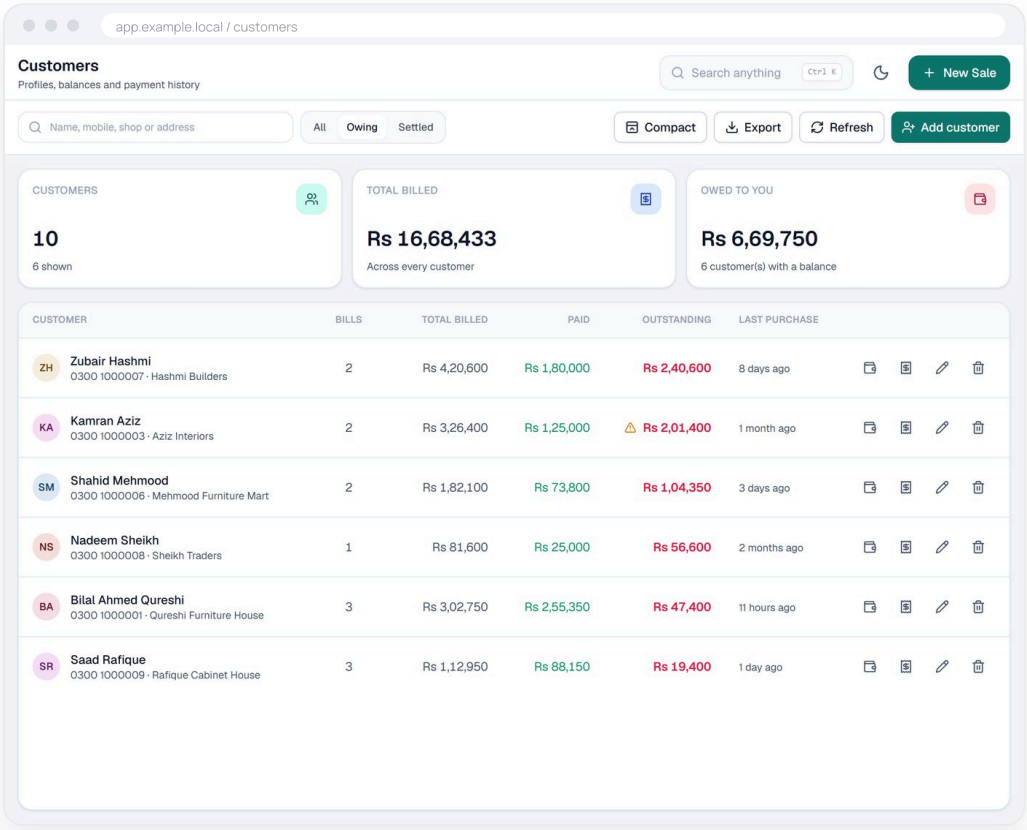
14 Customers

ACCOUNTS

Every customer has an account. See who owes what and who has passed their credit limit.



All customers with total billed, paid and outstanding. A warning shows when the credit limit is passed.

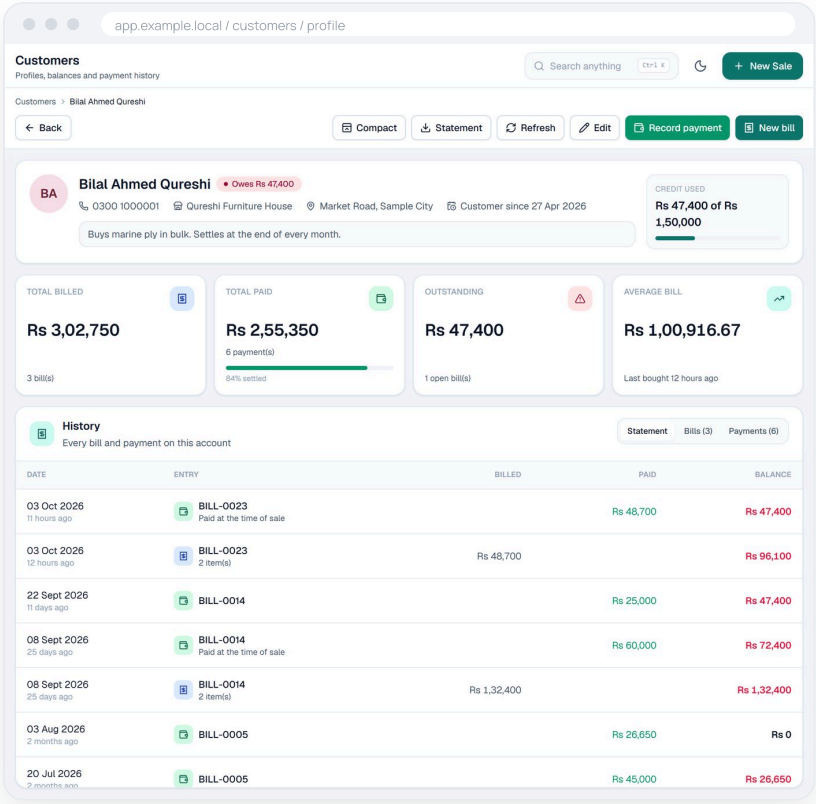


The Owing filter shows only customers who still have a balance.

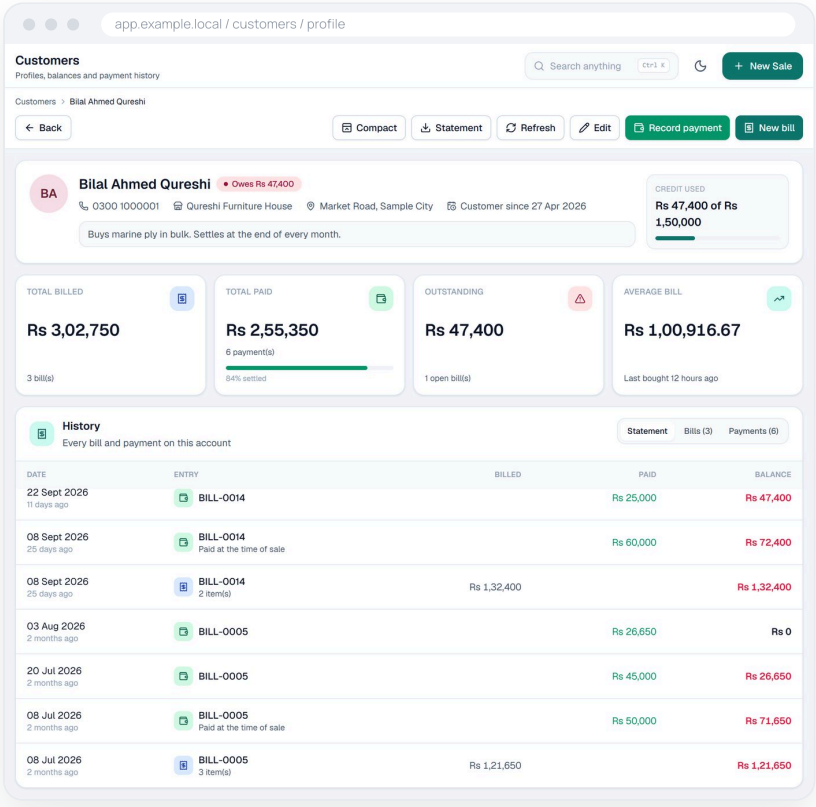
15 Customer profile

FULL HISTORY

One page for a customer. It shows what they bought, what they paid and the balance after every entry.



Profile with credit used, total billed, total paid and average bill.

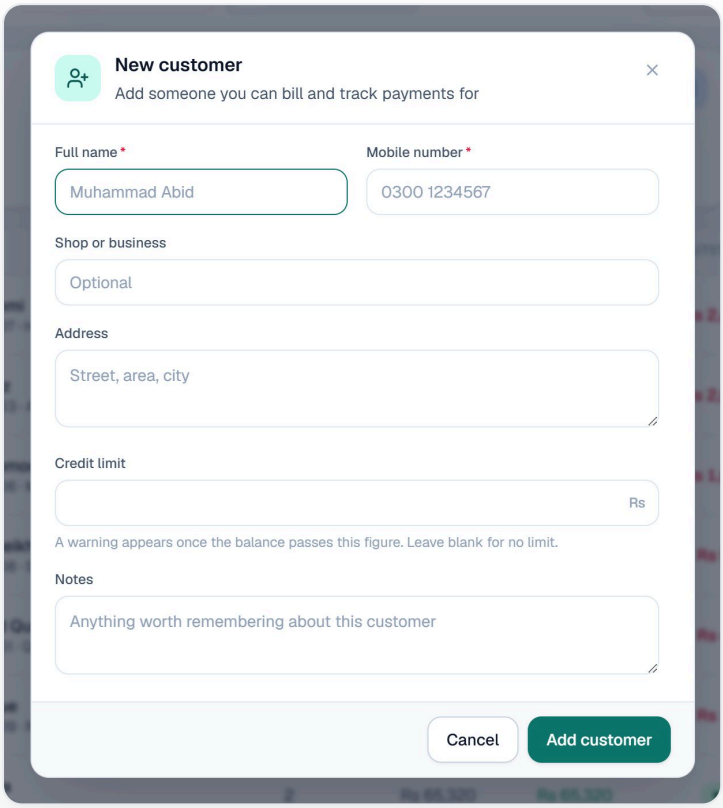


Statement of every bill and payment. Export it, or switch to Bills and Payments.

16 Customer forms

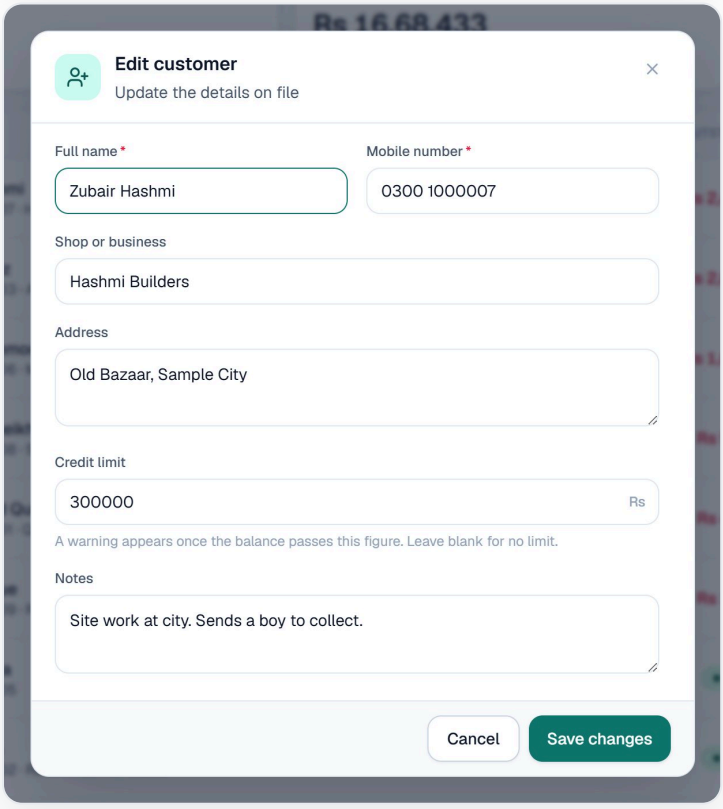
RECORDS

Keep customer details tidy. A credit limit warns you before an account grows too large.



ADD A CUSTOMER

- Name and mobile number
- Shop or business name
- Address and notes
- Optional credit limit



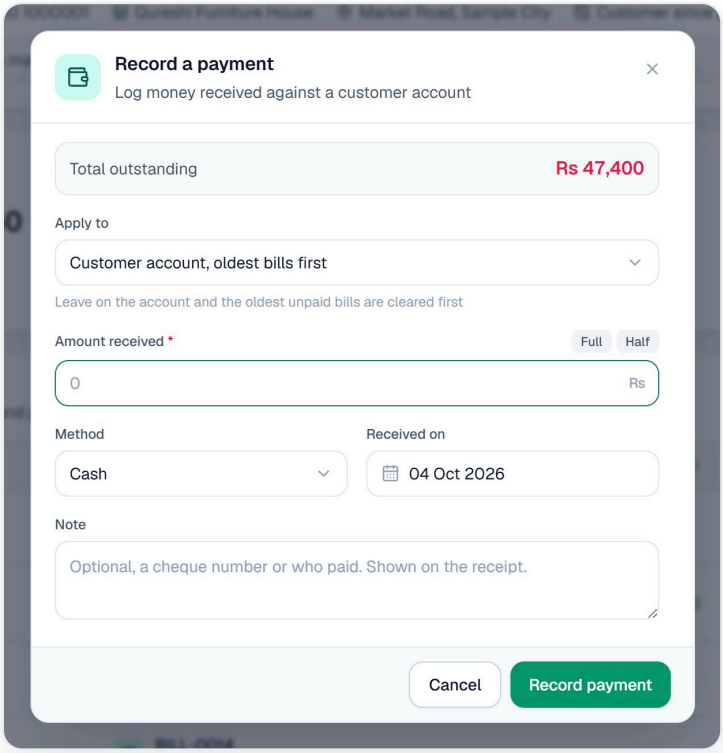
EDIT A CUSTOMER

- Change any detail later
- Notes help the next person at the counter
- Customers with bills are protected from careless deletion

17 Taking payments

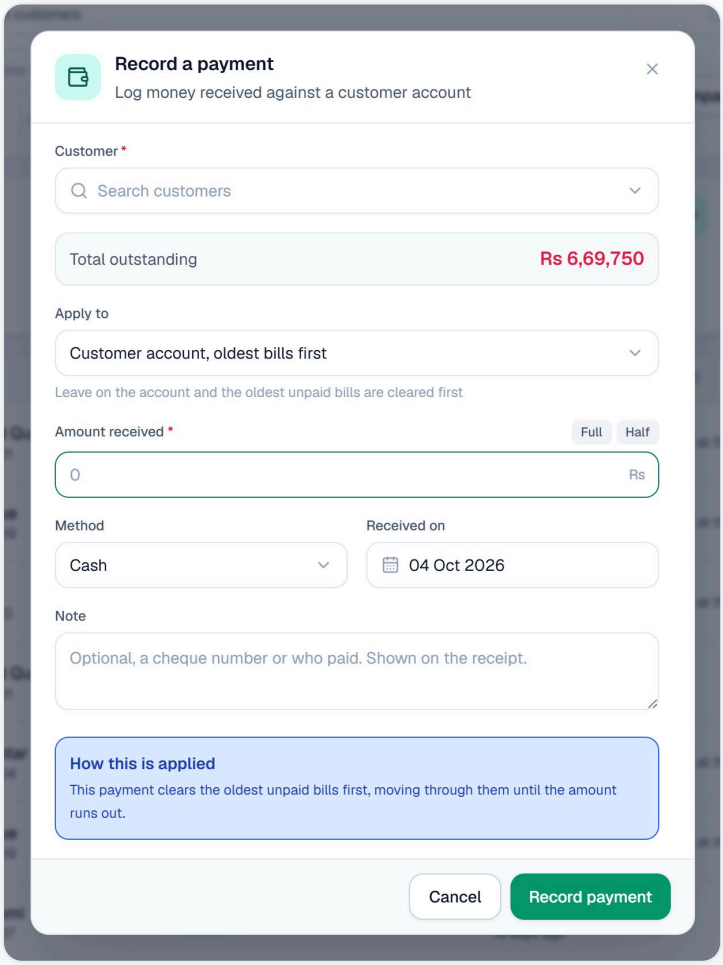
CREDIT

Money can come in at any time. Put it against one bill, or on the account and let the system clear the oldest bills.



FROM A CUSTOMER PAGE

- See the total outstanding first
- Apply to the account or to one bill
- Choose the amount, method and date
- Add a note such as a cheque number



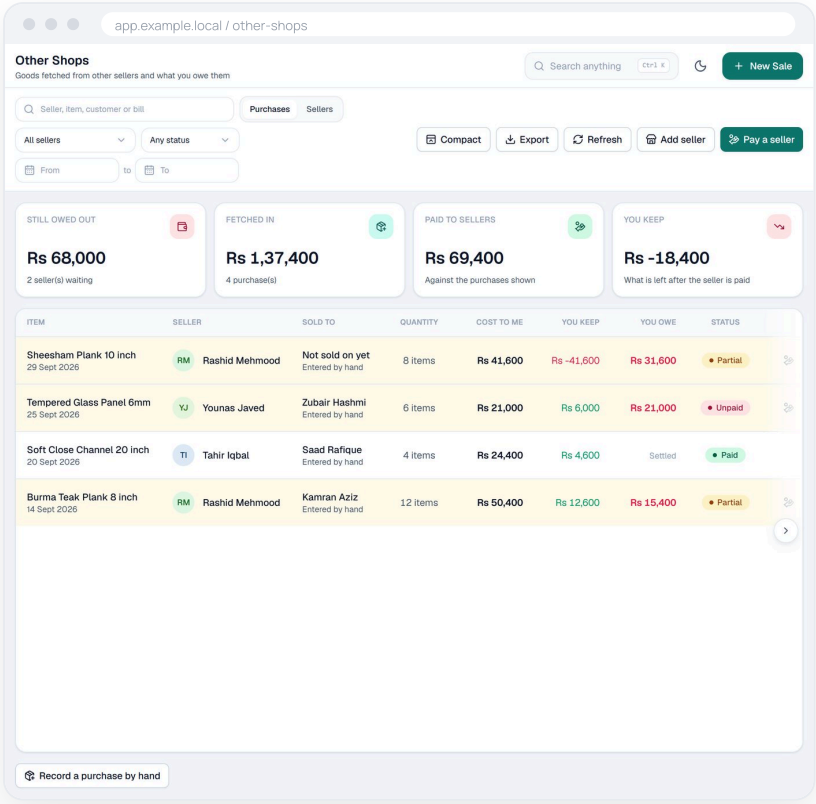
FROM THE PAYMENTS PAGE

- Search any customer
- Full and Half buttons fill the amount
- A clear note explains how it is applied
- A receipt can be printed right after

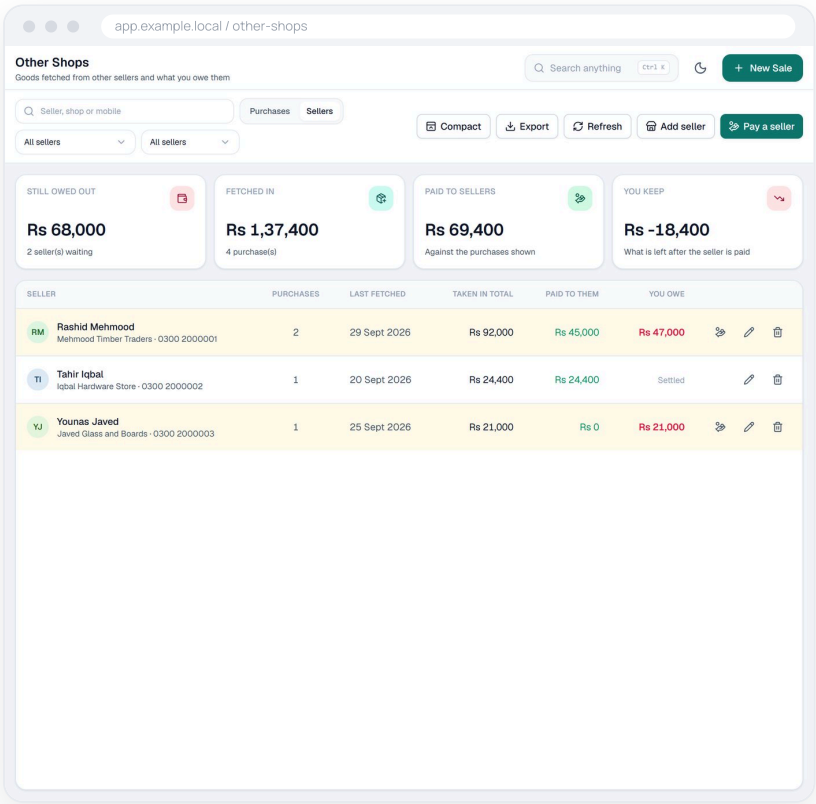
18 Other shops

SUPPLIERS

When you fetch goods from another shop for a customer, the system tracks what you owe and what you keep.



Purchases with cost, what the customer paid, what you keep and what you still owe.

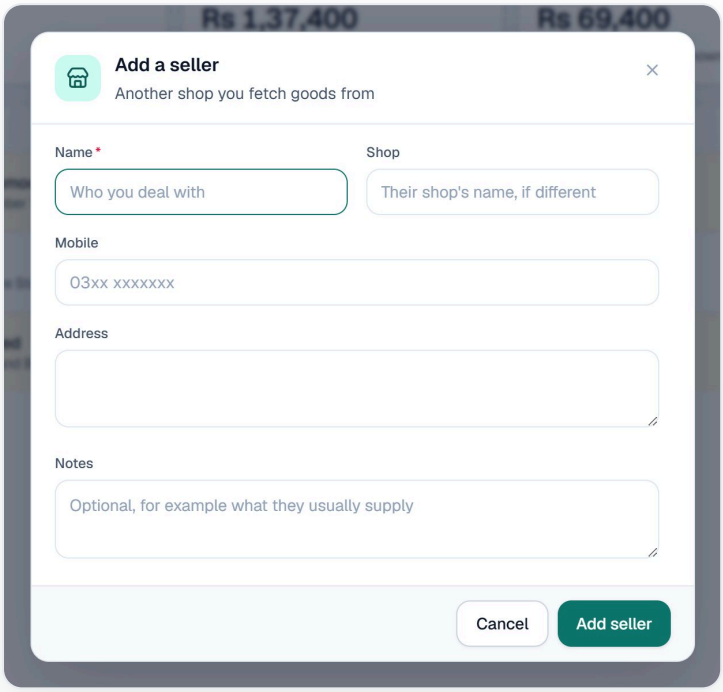


Sellers list with totals taken in, paid to them and still owed.

19 Sellers and payments

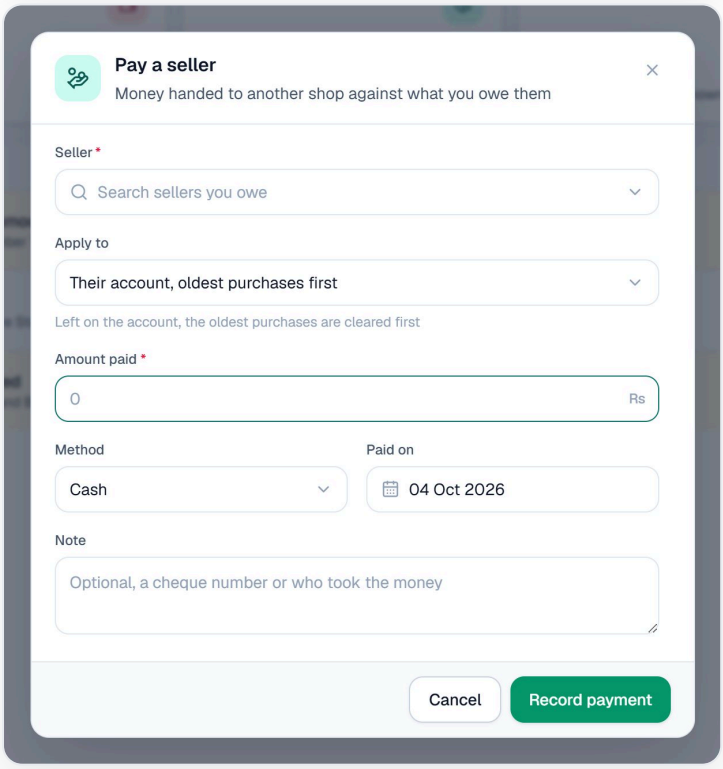
SUPPLIERS

Save the shops you deal with, then pay them in parts as money allows.



ADD A SELLER

- Name, shop name and mobile
- Address and notes
- Reuse the seller on every purchase



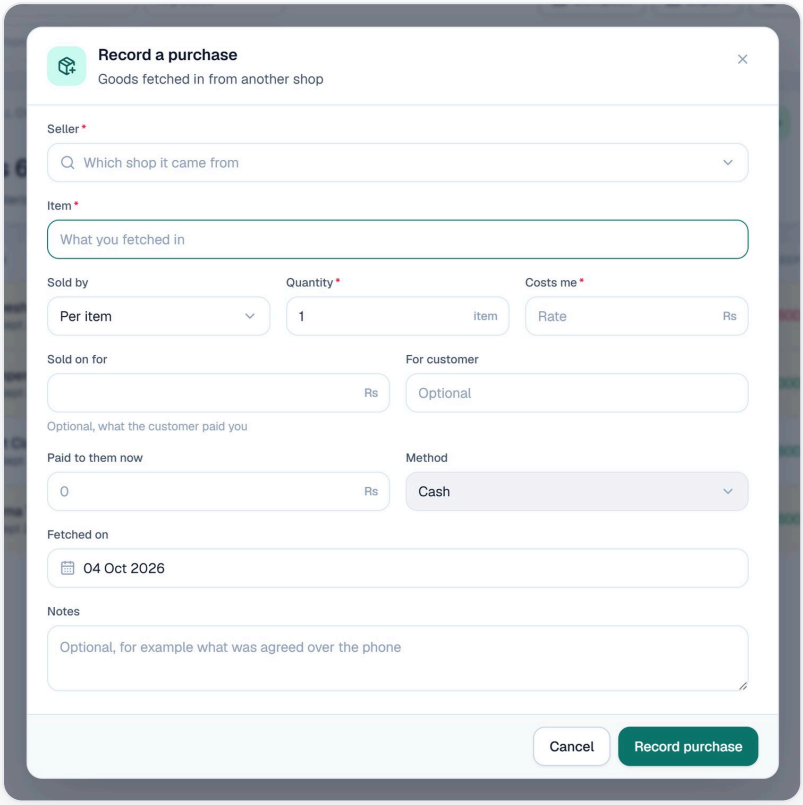
PAY A SELLER

- Pick the seller you owe
- Pay the account or one purchase
- Oldest purchases are cleared first
- Every payment is kept in history

20 Record a purchase

SUPPLIERS

Items added from the New Sale screen are listed automatically. Anything else can be entered by hand.



PURCHASE FORM

- Seller and item name
- Quantity and unit
- What it costs you
- What the customer pays, if sold
- Money paid to the seller now
- Date and notes

Fetched in
Total cost of goods taken from other shops.

Paid to sellers
What you have already handed over.

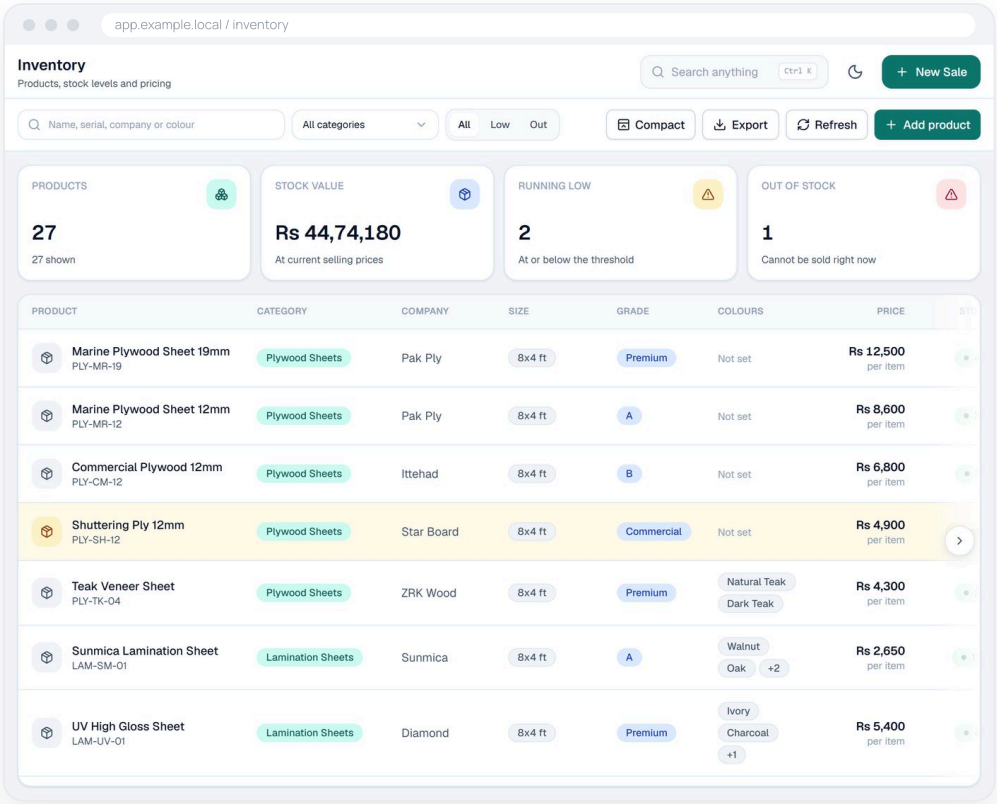
You keep
What is left after the seller is paid.

Still owed out
What you must still pay.

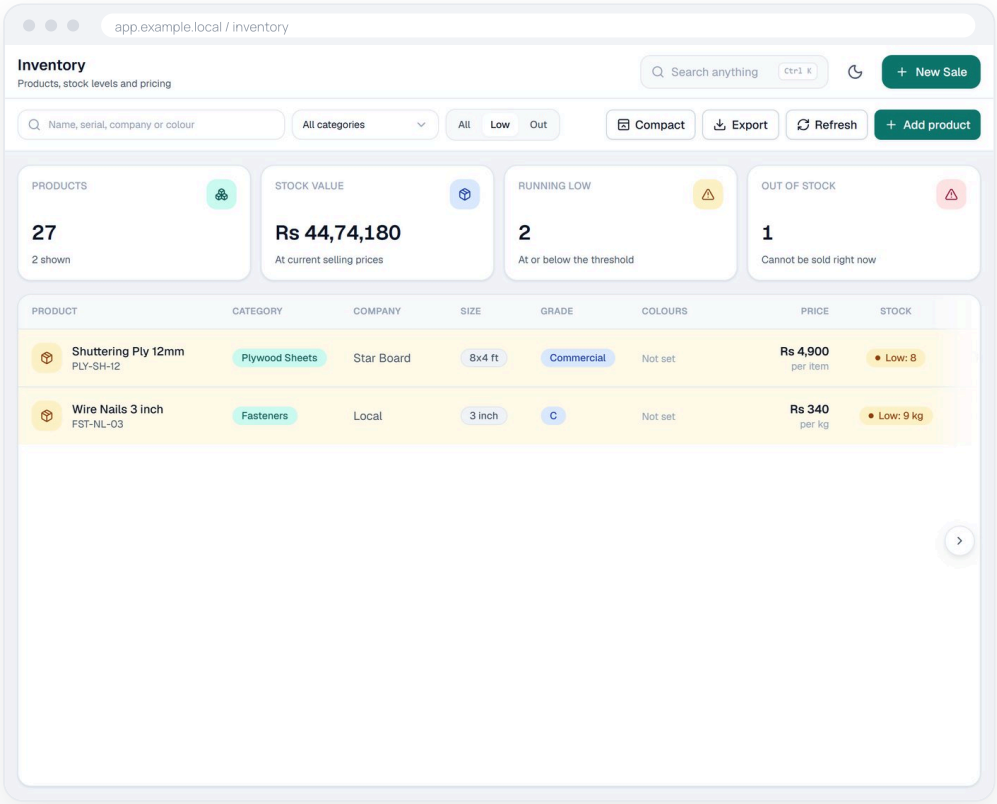
21 Inventory

STOCK

All products with price, stock level and value. Low stock is marked in yellow so it is hard to miss.



Product list with category, company, size, grade, colours, price and stock.

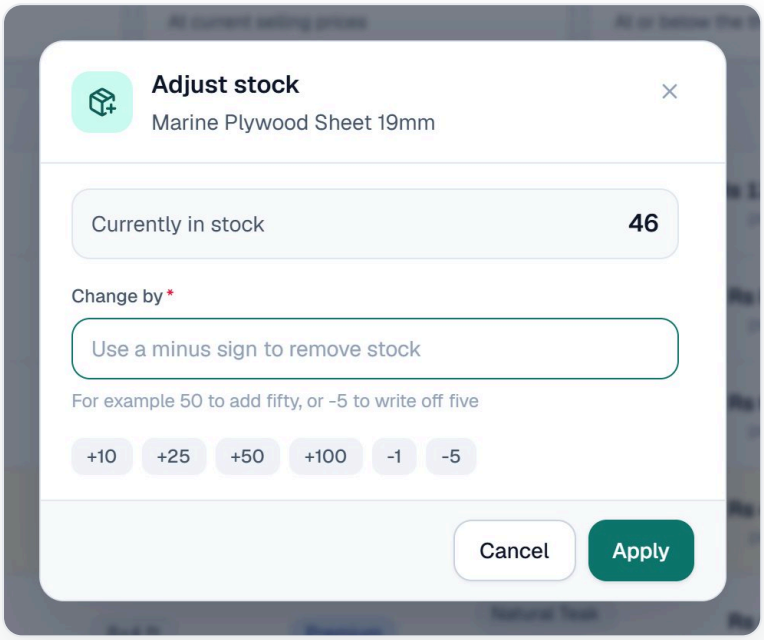


The Low filter shows products at or below their warning level.

22 Stock tools

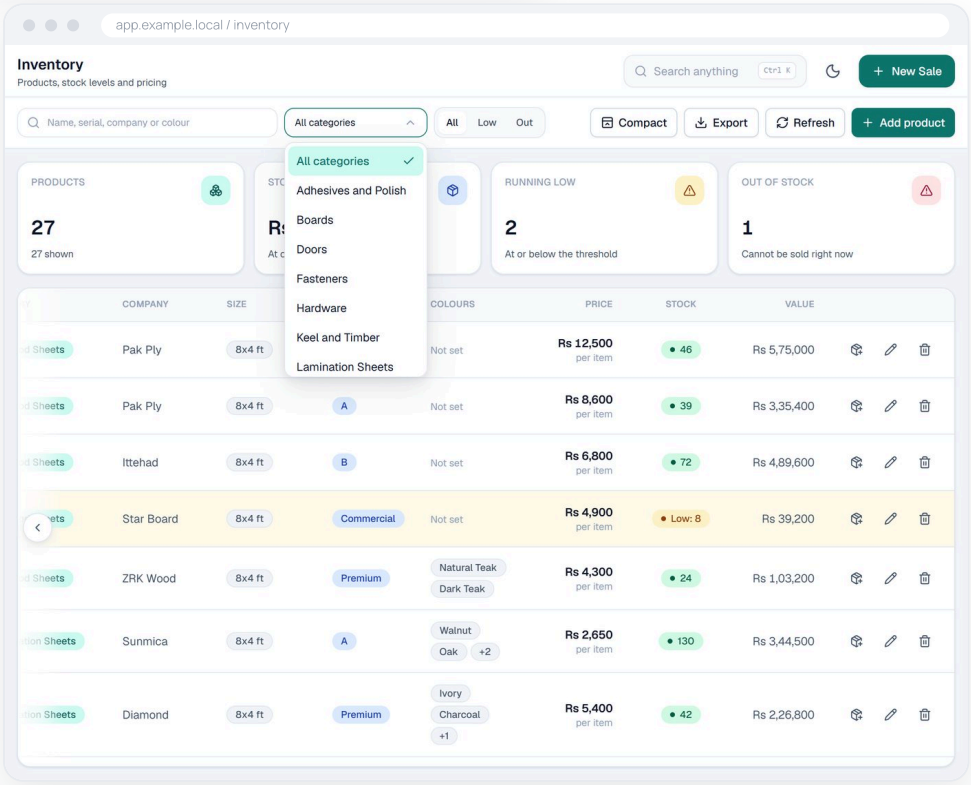
STOCK

Find products fast and fix a count in seconds, without opening the full edit form.



ADJUST STOCK

- Type a plus or minus change
- Quick buttons for common amounts
- Every change is written to the activity log

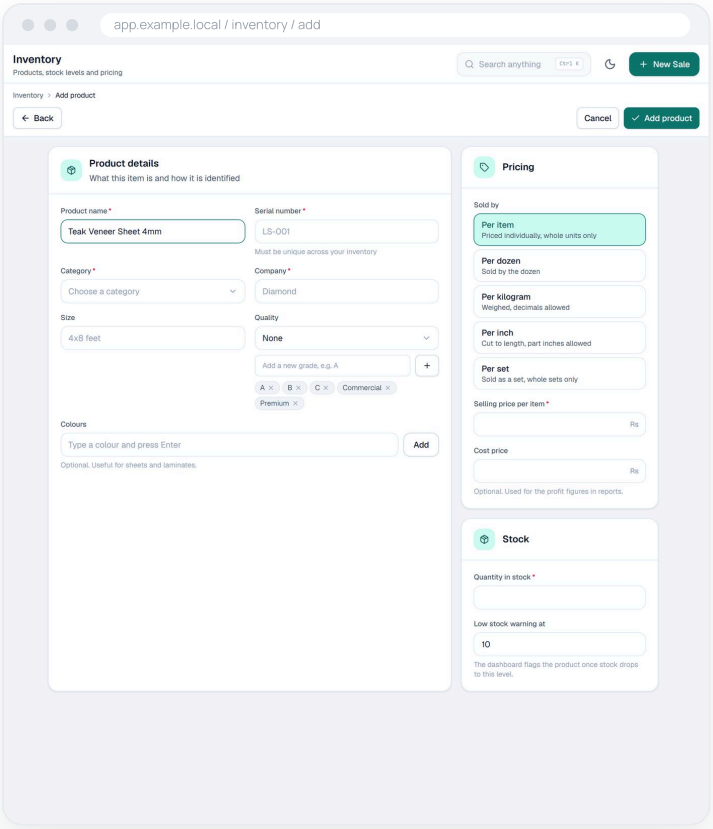


Filter by category, grade or stock level. Export the list to a spreadsheet or PDF.

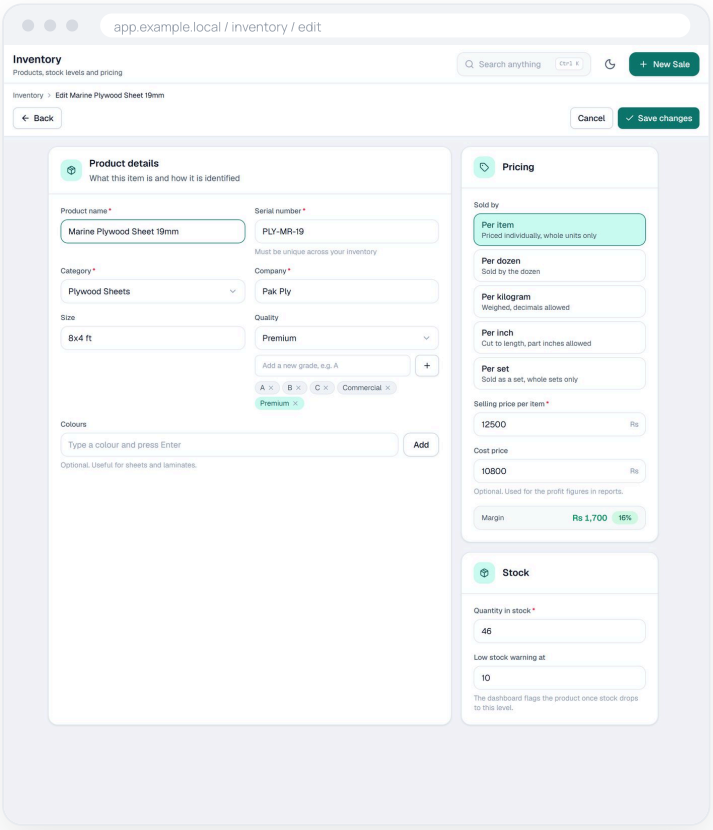
23 Products

STOCK

One form for new and existing products. Choose how the product is sold and the price follows.



Add a product. Pricing can be per item, dozen, kilogram, inch or set.

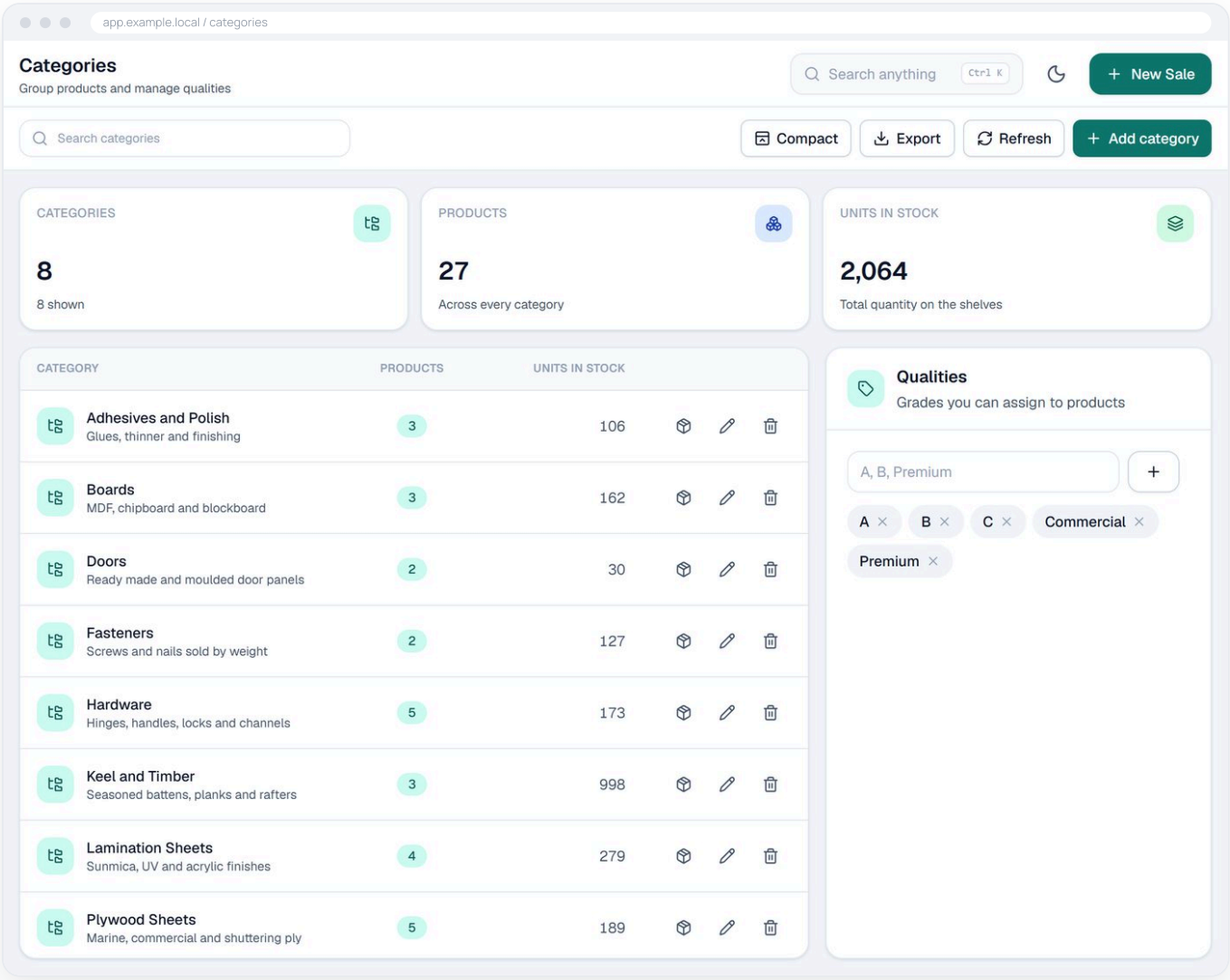


Edit a product. Margin shows from the cost price.

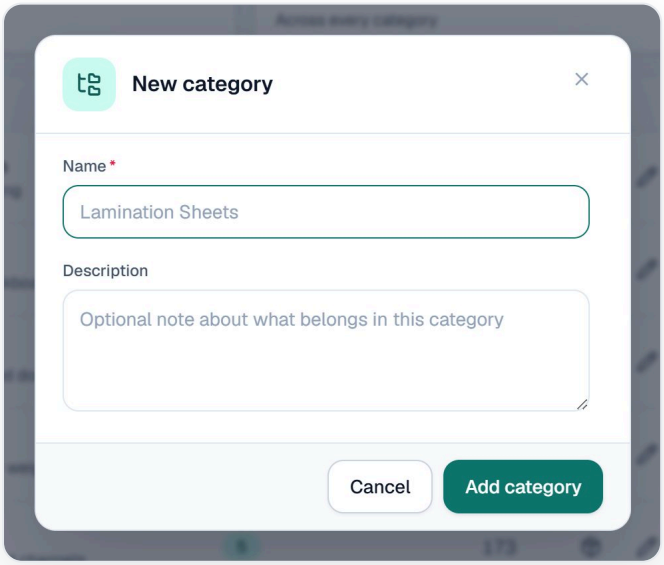
24 Categories

SETUP

Categories group products. Grades such as A, B or Premium are managed beside them.



Categories with product counts and units in stock, plus the grades panel.



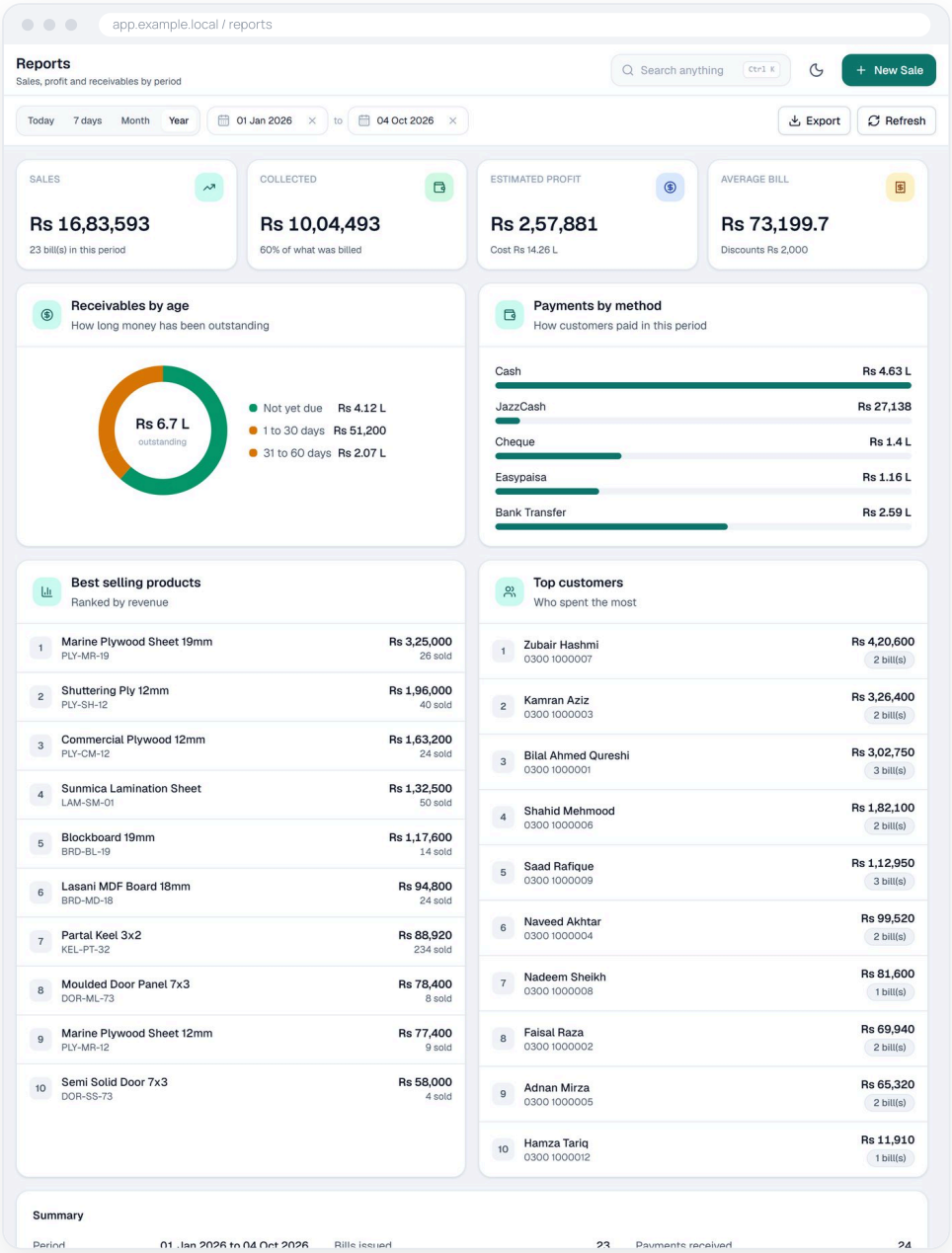
ADD A CATEGORY

- A name and short description
- Open its products in one click

25 Reports

INSIGHTS

Pick Today, 7 days, Month, Year or your own dates. Every figure updates for that period.

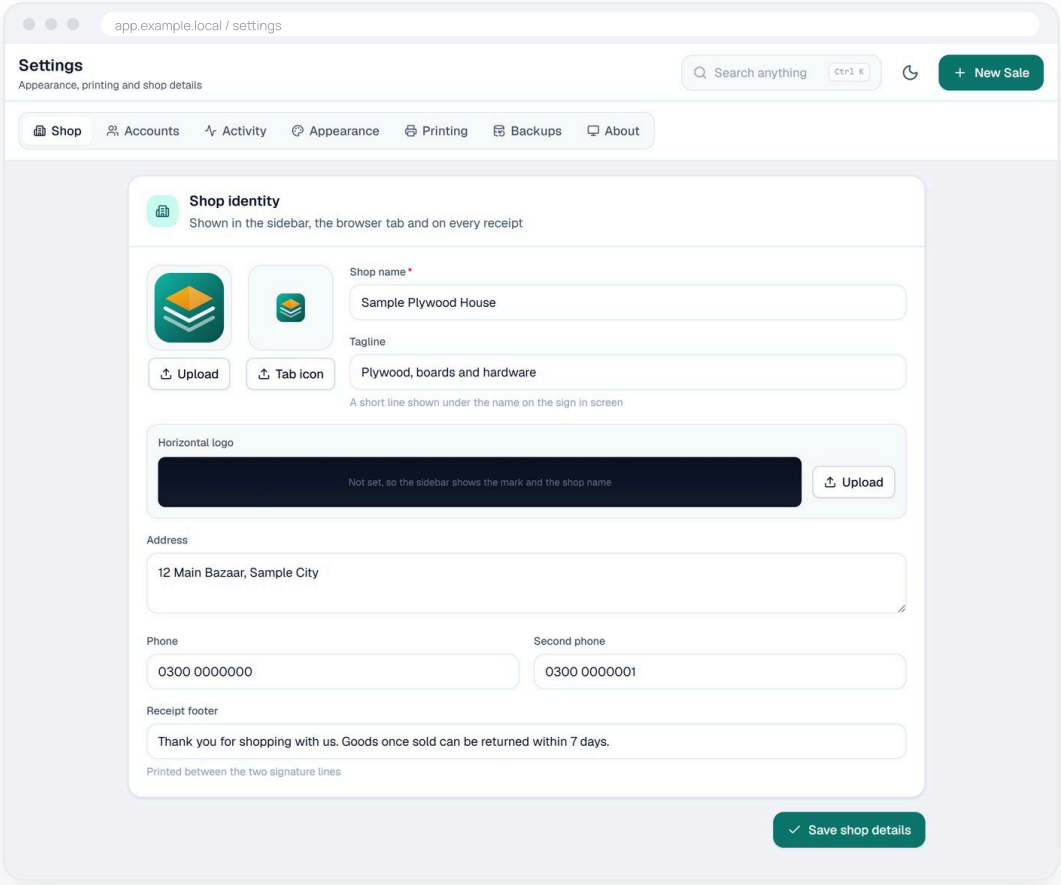


IN THE REPORT

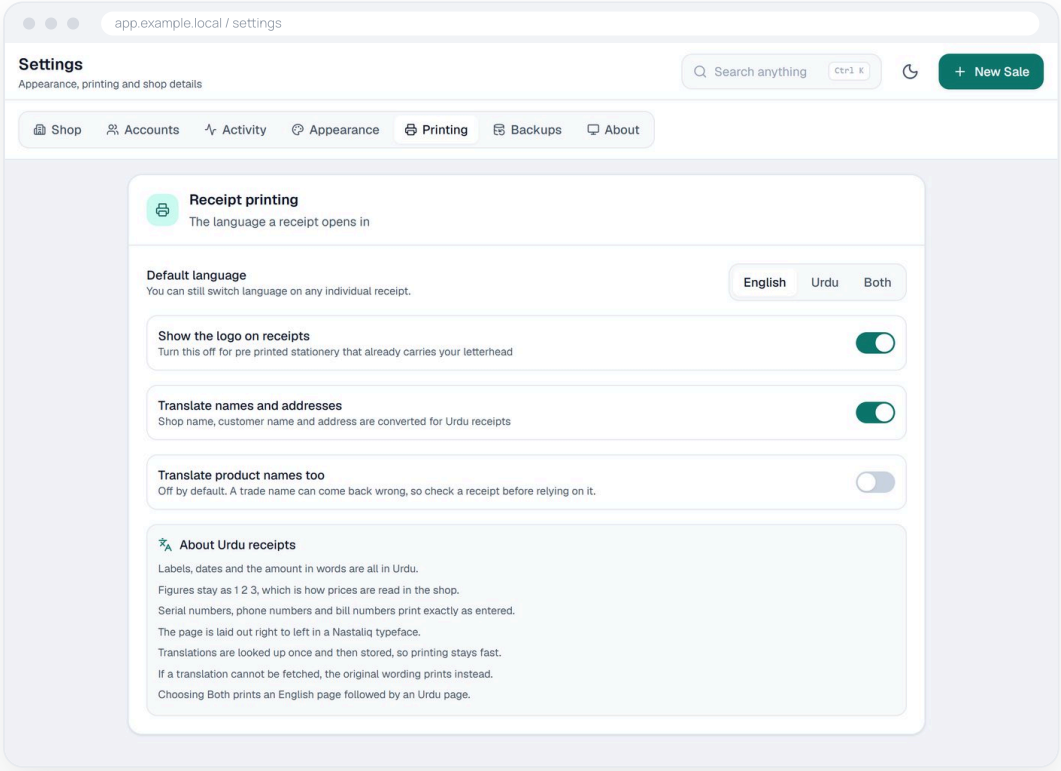
- Sales, money collected, estimated profit and average bill
- Receivables by age: not yet due, 1 to 30 days, 31 to 60 days and more
- Payments by method
- Best selling products by revenue
- Top customers by spend
- A summary box with bills issued, discounts and tax
- Export the report as a spreadsheet or PDF
- Only people with permission can open it

26 Shop and printing settings

Shop name, logo, address and phone numbers are saved once and used on every receipt and screen.



Shop identity: name, tagline, logo, tab icon, address, phones and receipt footer.

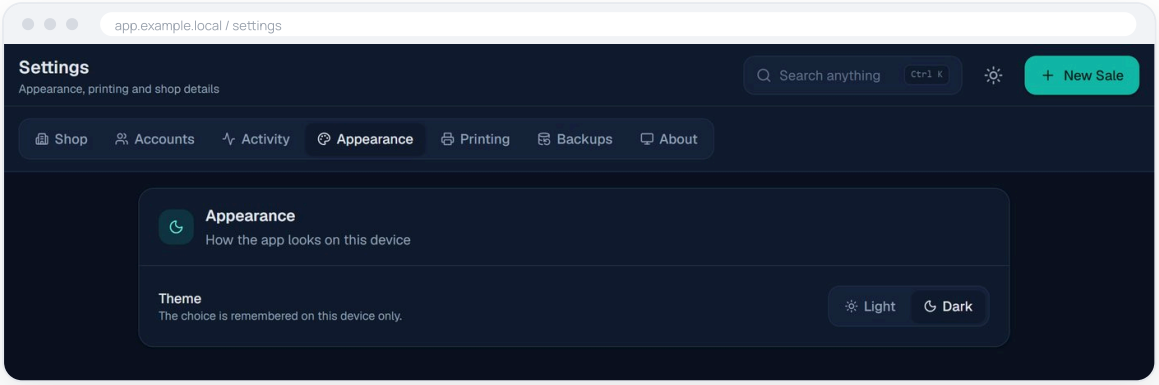


Default receipt language, logo on receipts and Urdu translation options.

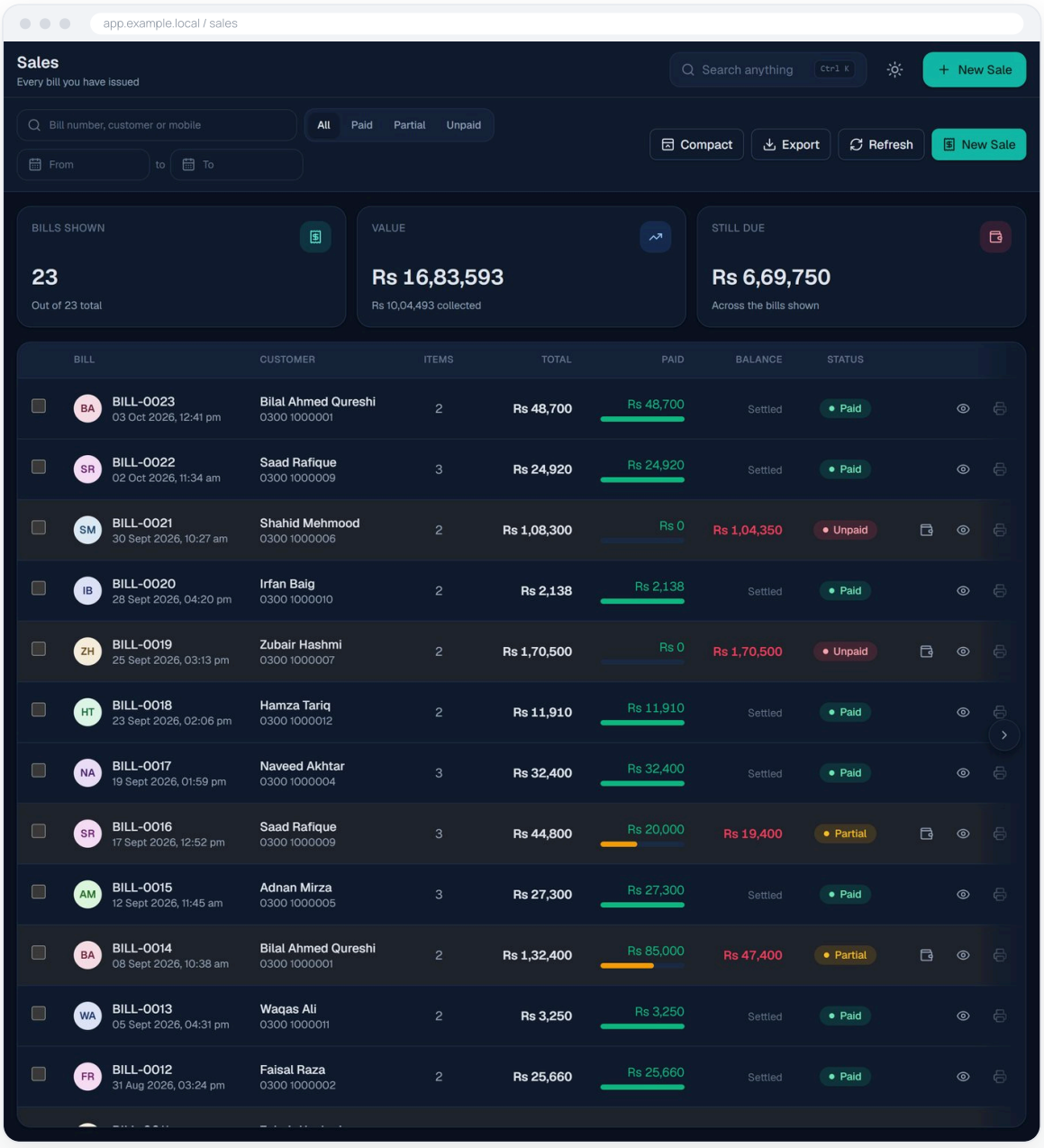
27 Look and feel

COMFORT

Choose light or dark. Fold the summary cards away with Compact to fit more rows on a short screen.



Theme choice is remembered on each device.

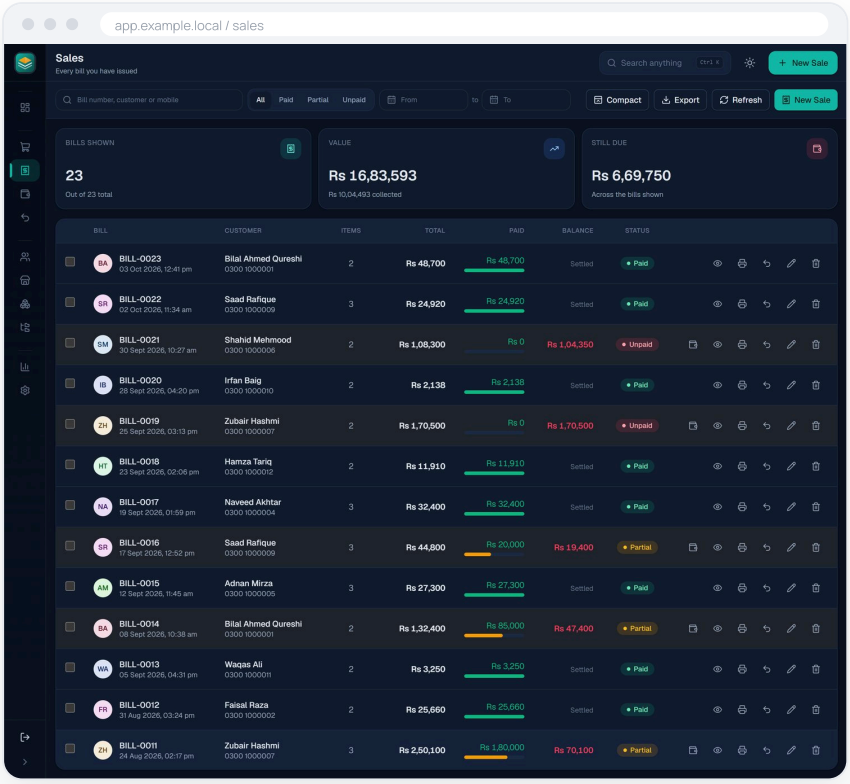


Dark theme on the Sales list.

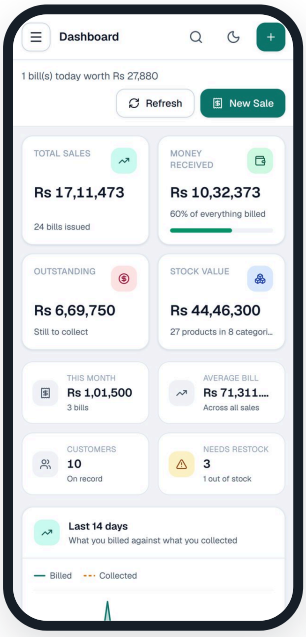
28 Phone and tablet

RESPONSIVE

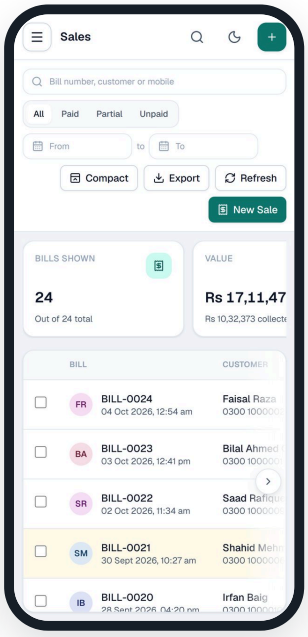
The same system fits a phone. The menu opens from the top bar. On a desktop the sidebar can also collapse.



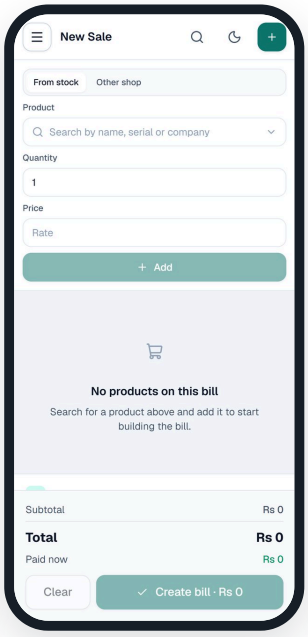
Collapsed sidebar on desktop. Icons only, more room for the table.



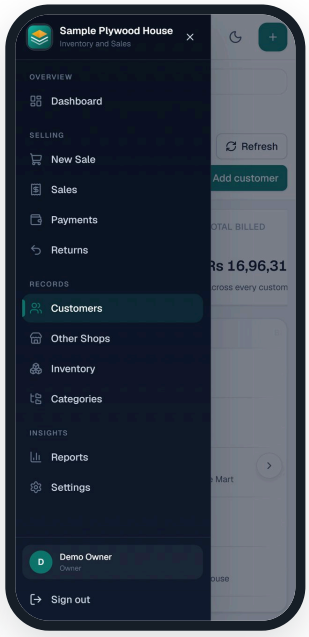
Dashboard



Sales



New sale

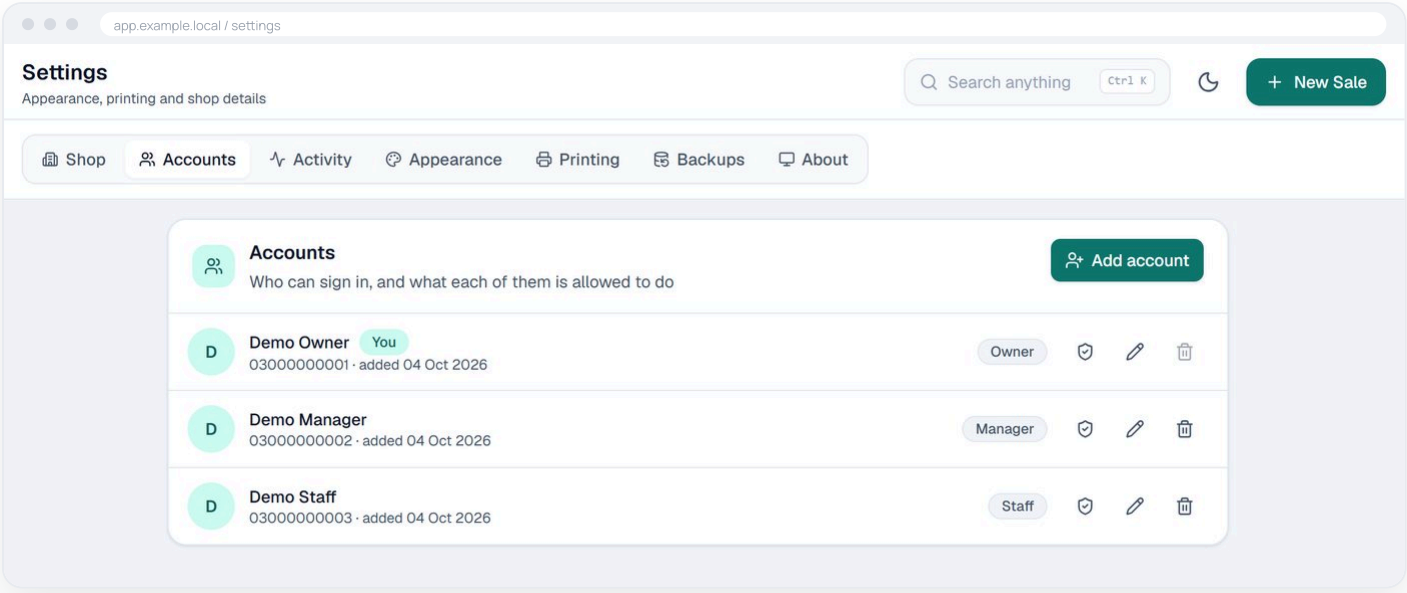


Menu

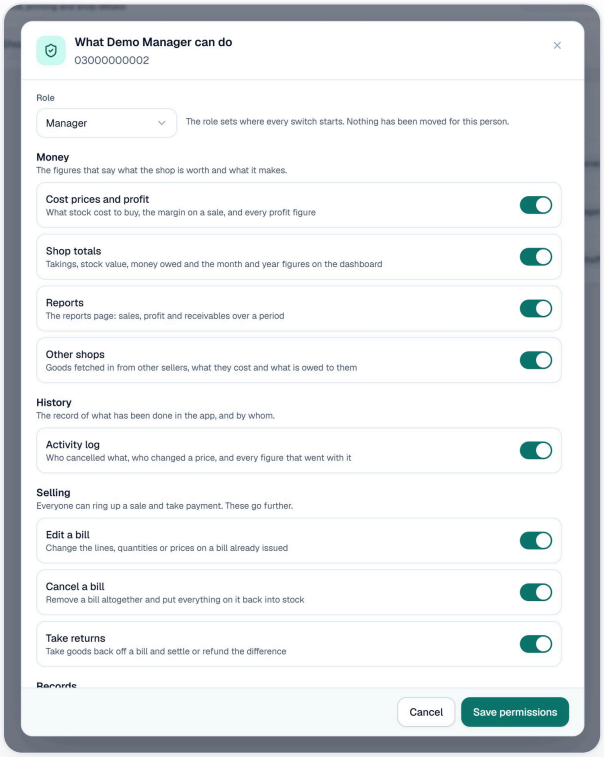
29 Accounts and permissions

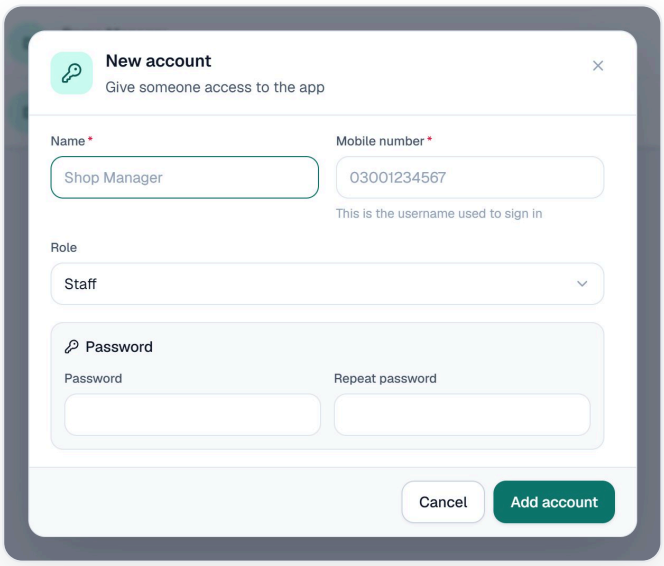
CONTROL

Add people and set what each one may do. Owners, managers and staff start with sensible defaults.



Accounts list with role, permissions, edit and delete.



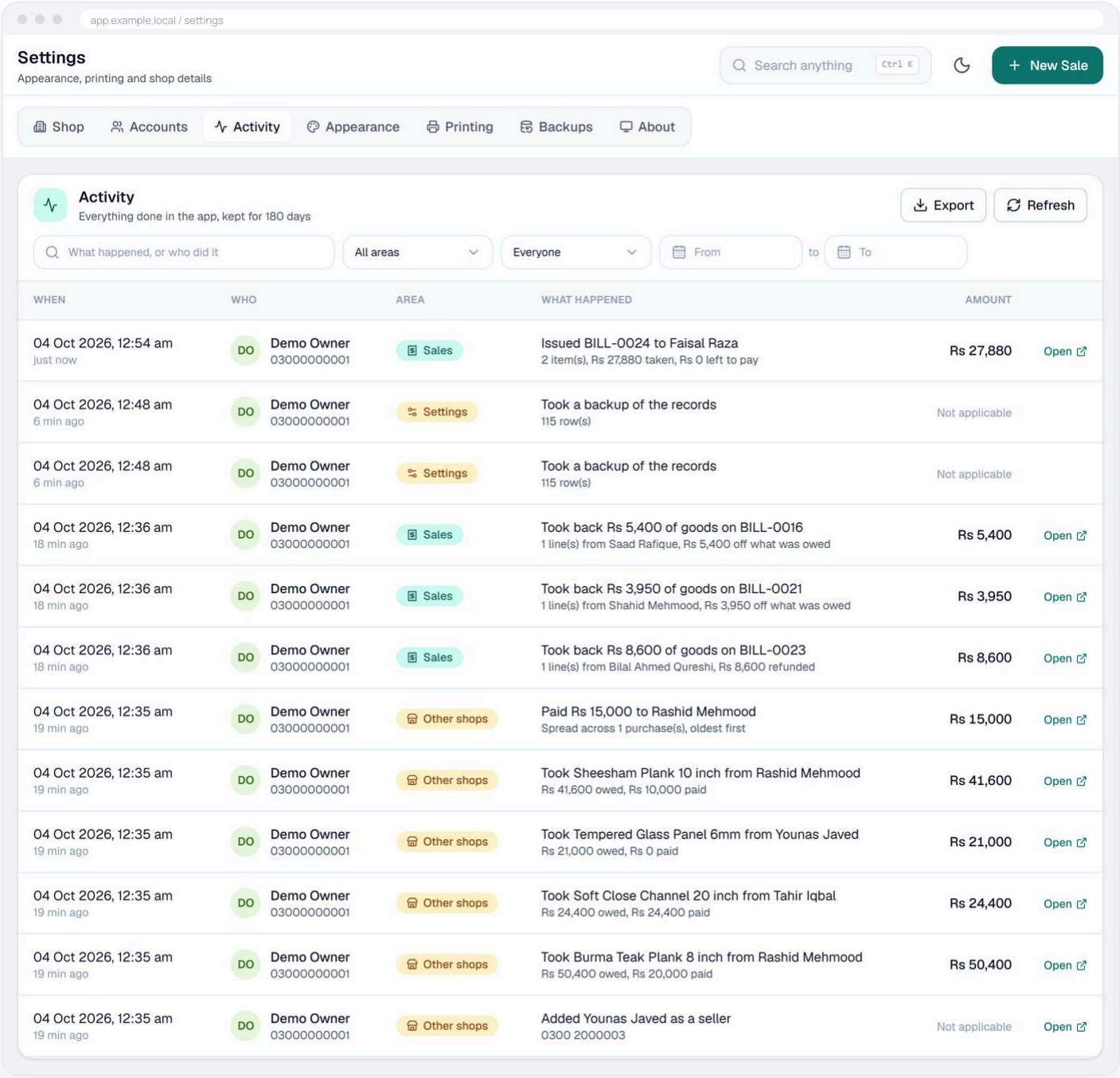


- Mobile number is the username
- Switches control prices, reports, edits, returns and more
- Take access away and it applies on the next request

30 Activity log

ACCOUNTABILITY

Every important action is written down with the person, the time and the amount. Entries are kept for 180 days.



Filter by area, person or date range. Export the log. Open the record from any entry.

Sales and returns
Bills created, edited, cancelled and taken back.

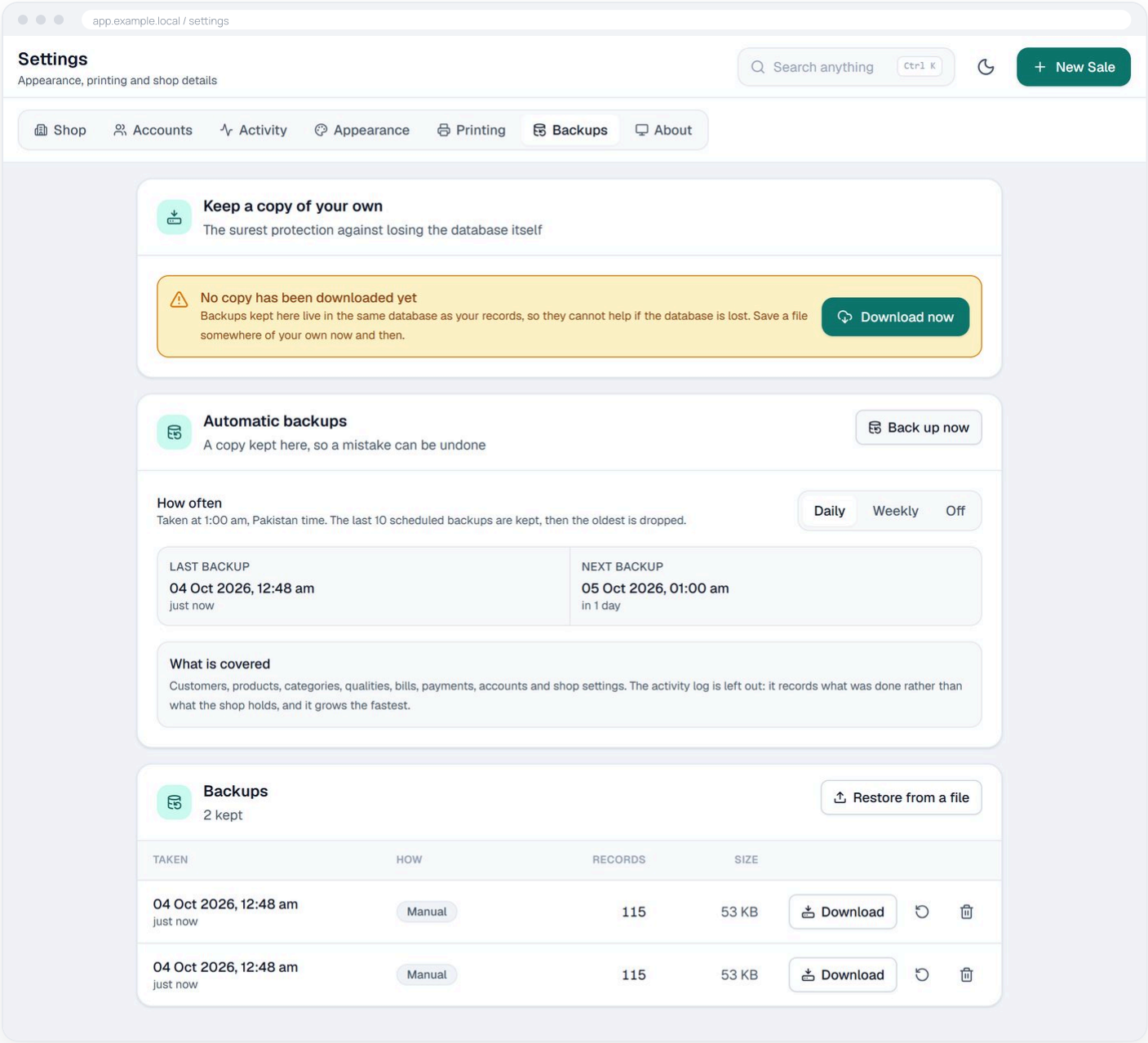
Money
Payments received, reversed and paid to sellers.

Stock and accounts
Stock changes, backups and permission changes.

31 Backups

SAFETY

Snapshots are taken on a schedule and can be restored. A downloaded copy protects against losing the database itself.



Download a copy, set the schedule and keep the last ten snapshots.

Daily, weekly or off

Pick how often snapshots are taken.

Restore with a check

You must type RESTORE, and a snapshot of today is saved first.

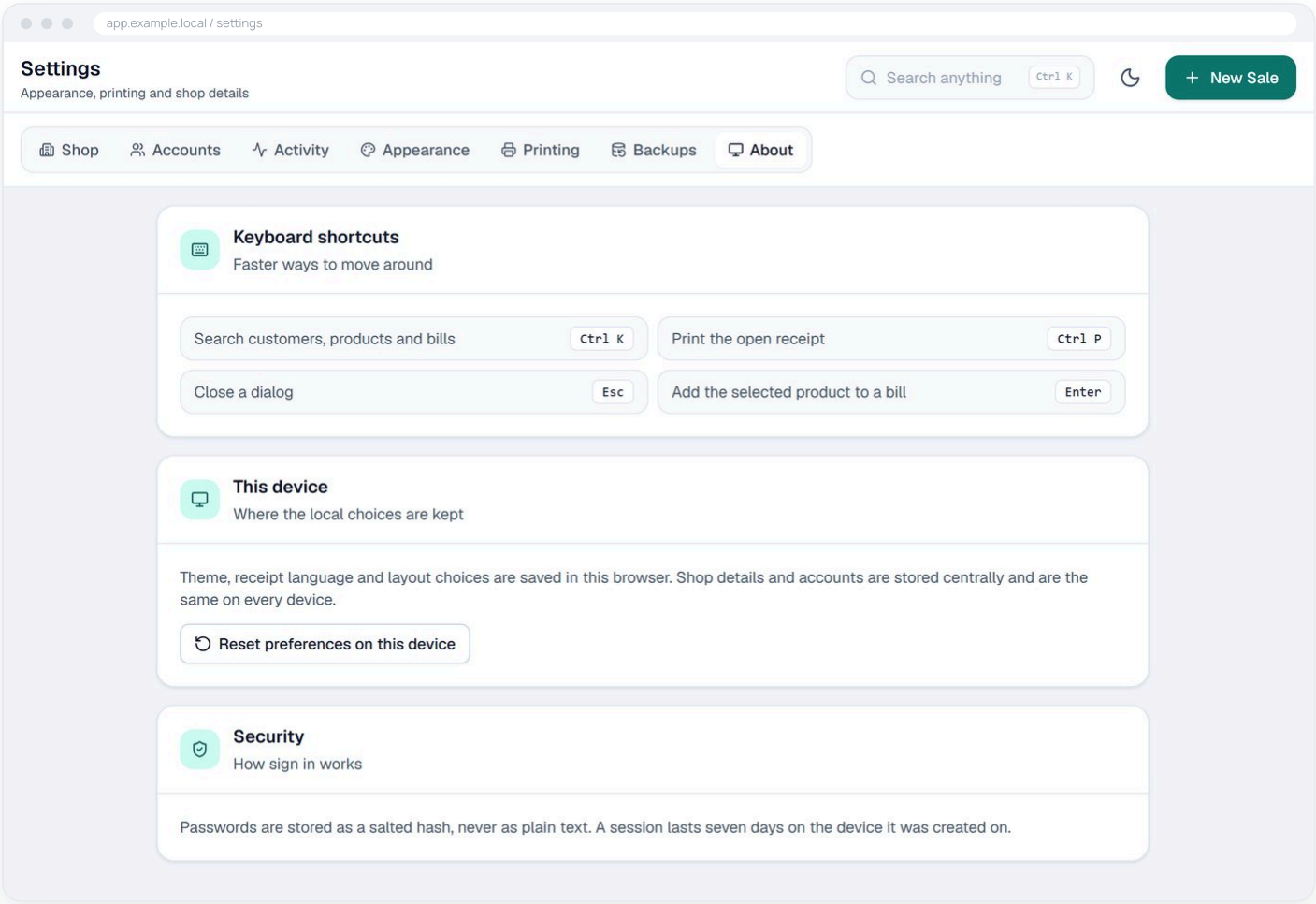
Reminder

The tab turns amber if no copy was downloaded for two weeks.

32 Shortcuts and security

SETTINGS

Shortcuts make the counter faster. Security keeps accounts and records safe.



Keyboard shortcuts, device choices and security notes.

Salted passwords
Stored as a salted hash. Never plain text.

Signed sessions
The session cookie is signed. Role changes apply at once.

Shop clock
Days start and end on the shop time, not the server time.

33 Technology

UNDER THE HOOD

Modern, widely used tools. Easy to host, easy to maintain and fast on a normal connection.

Next.js 16
App Router with server routes for every action.

React 19
Fast screens with the React Compiler.

TypeScript
Typed code that catches mistakes early.

Tailwind CSS 4
Design tokens for light and dark themes.

MongoDB
One database for bills, customers, stock and settings.

jsPDF
PDF export loaded only when it is used.

Framer Motion
Smooth transitions between views.

Lucide icons
A consistent icon set.

Vercel ready
Includes a daily backup job.

QUALITY BUILT IN

- Older records are upgraded automatically on the first request after an update
- Database indexes are created for fast lists and searches
- Every list can be exported with the shop heading
- Urdu translations are cached so printing stays fast
- Settings, accounts and shop details are the same on every device
- No shop name, number or password is written into the source code

PROJECT LAYOUT

app
Signed in pages and the route handlers.

components
Layout, shared UI, forms and receipts.

lib
Database access, formatting, Urdu text and hooks.

scripts
A seed script that fills a demo database.

34 Feature checklist

SUMMARY

A quick list of what the system covers, from the first sale to the last backup.

SELLING

- Searchable product list with live stock checks
- Items sold by item, dozen, kilo, inch or set
- Part payment with an expected date
- Items fetched from other shops
- Edit, return and cancel after issue

STOCK

- Per product low stock level
- Quick stock adjustment
- Cost price and margin
- Categories and grades
- Filter by category, grade and level

SAFETY AND CONTROL

- Roles and permission switches
- Activity log for 180 days
- Scheduled snapshots and restore
- Downloadable backup file
- Dark mode and phone layout

CUSTOMERS

- Profile with billed, paid and owed
- Running statement with balance after each entry
- Credit limits with warnings
- Instalments on a bill or on account
- Payment reversal

REPORTS AND PRINTING

- Dashboard with 14 day trend
- Sales, profit and receivables by age
- English and Urdu receipts
- Combined bills and payment receipts
- Spreadsheet and PDF export

ABOUT THE SCREENS

All figures and names shown are sample data.

The screenshots were taken from a separate demo database. No live shop data was used.