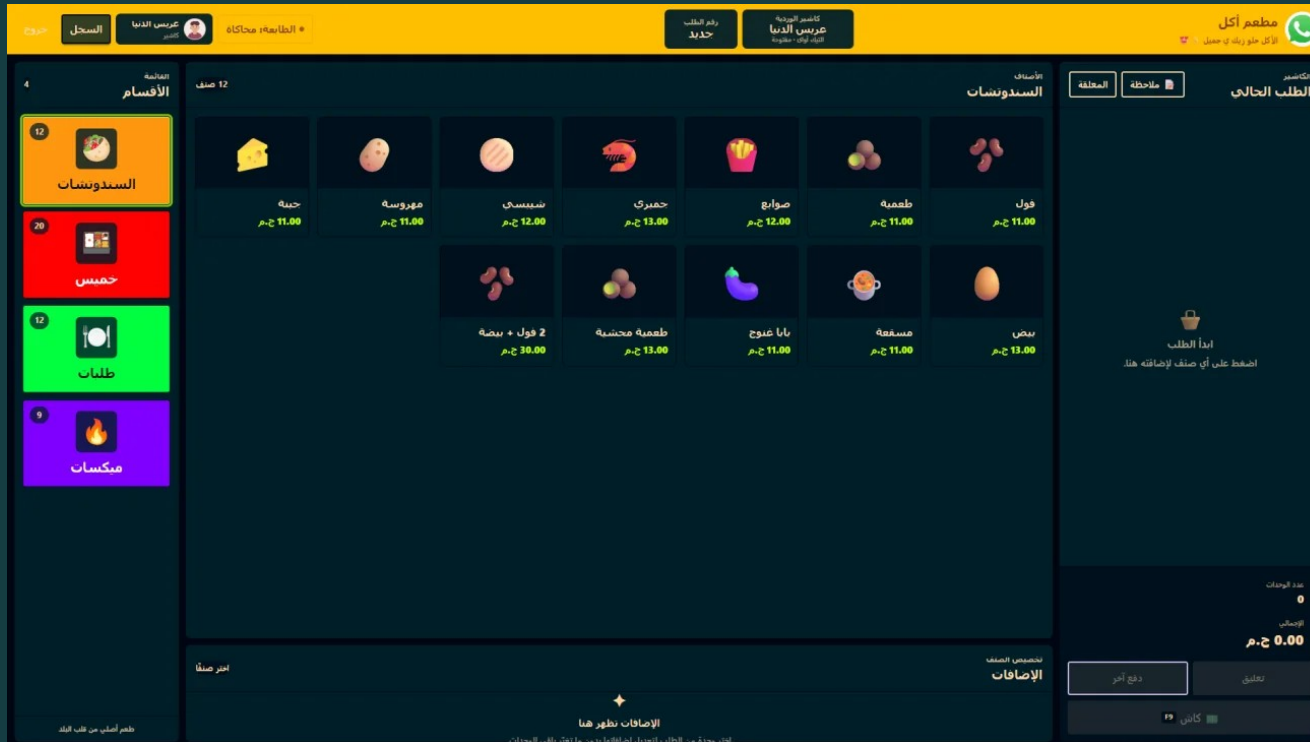


D4NGER POS

WINDOWS v1.0.1 / PRODUCT CASE STUDY



REAL PRODUCT SCREEN

FASTER SALES. MORE CONTROL.

بيع أسرع.
تحكم أكثر.

Visual cashier • Custom menu •
Offline-first • Safe checkout

Project by Mahmoud Atef

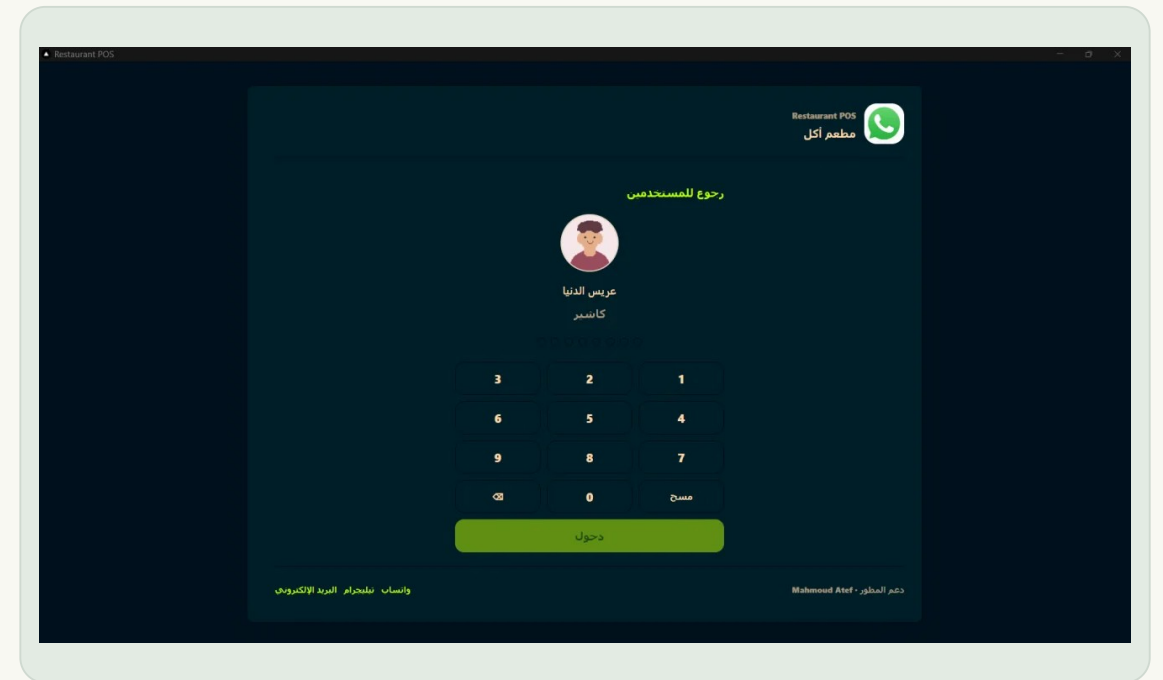
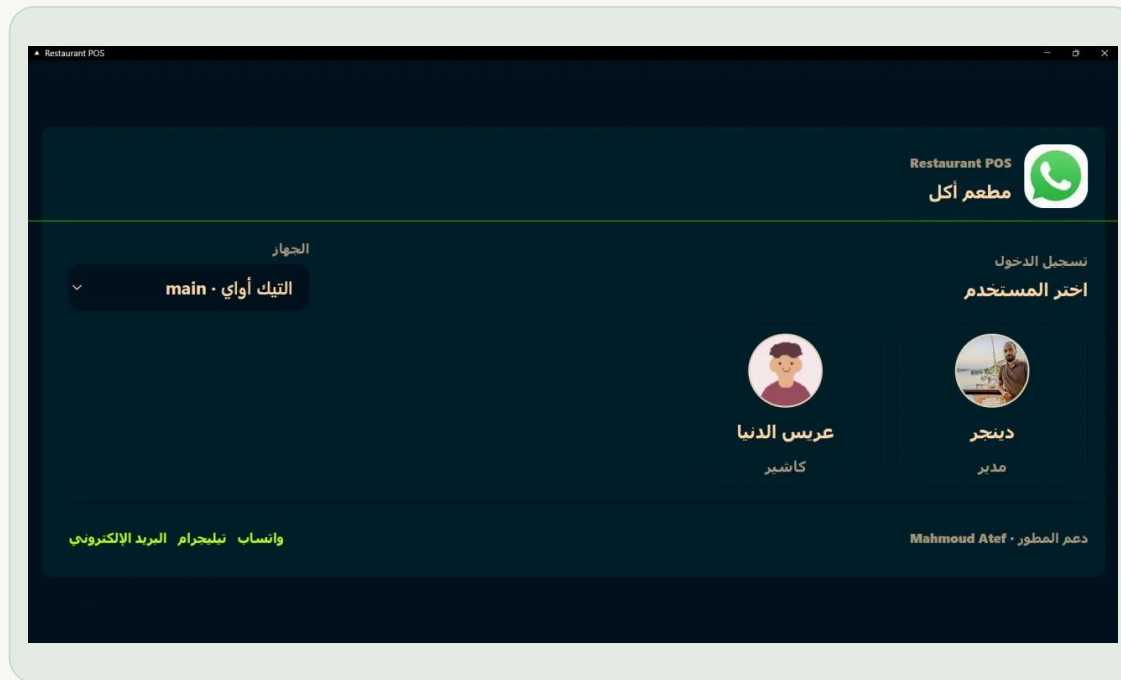
Built for the speed of a real counter.

One system for the cashier's daily flow and the owner's operational control.

01 VISUAL FIRST

02 LOCAL OPERATION

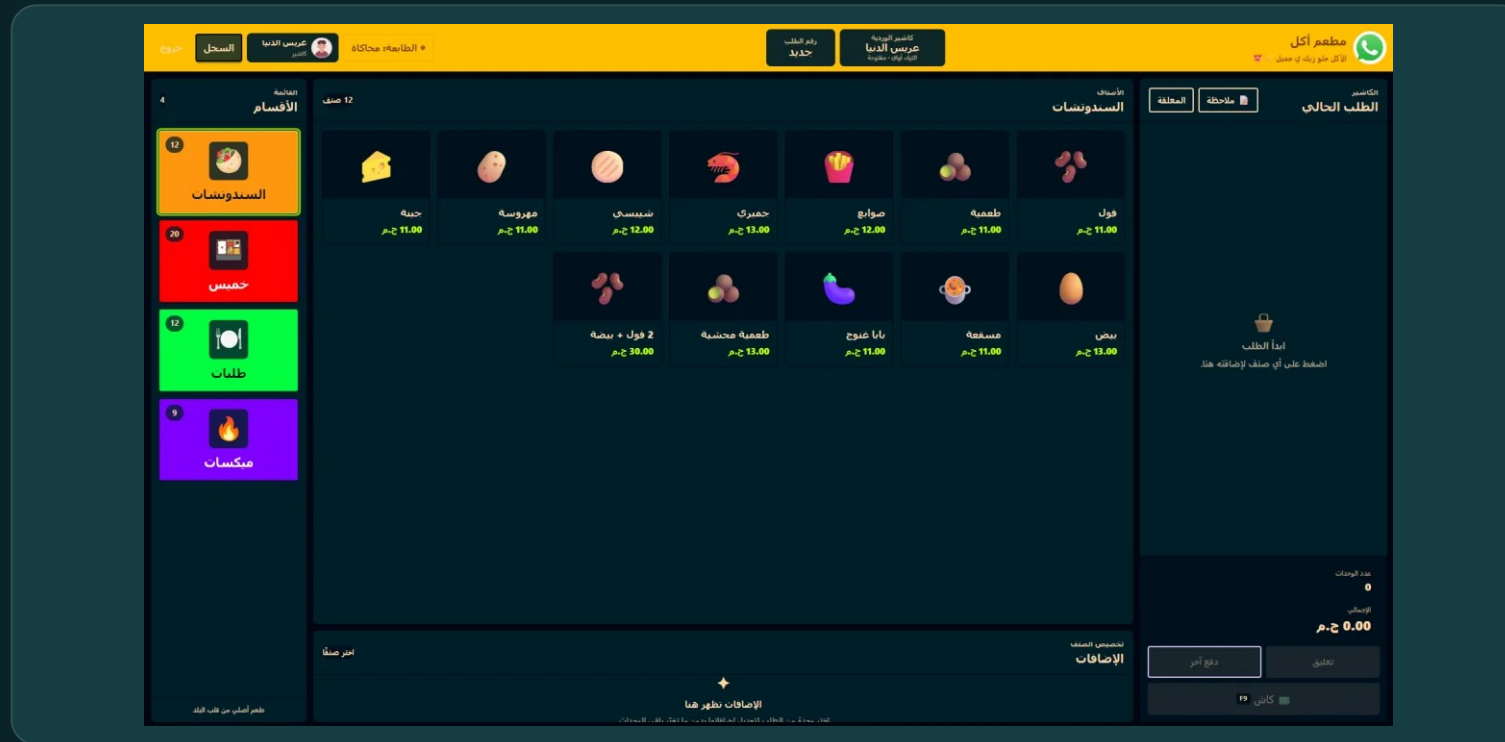
03 FULL CONTROL



03 / VISUAL CASHIER

Find it. Tap it. Sell it.

A visual menu with category colors, recognisable items and a basket on the same screen.



01 / Color-coded categories

Recognise where an item lives at a glance.

02 / Visual product tiles

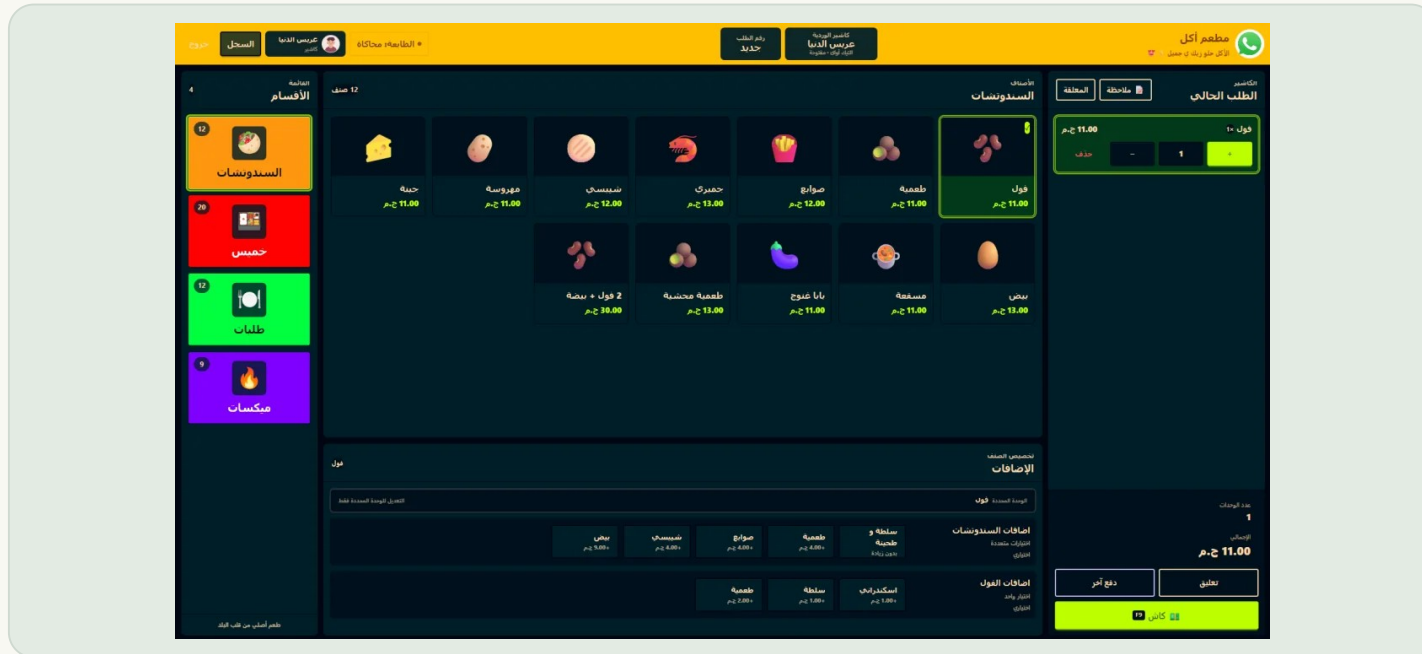
Food icons and photos reduce searching.

03 / Direct cart flow

Quick quantity updates without losing the menu.

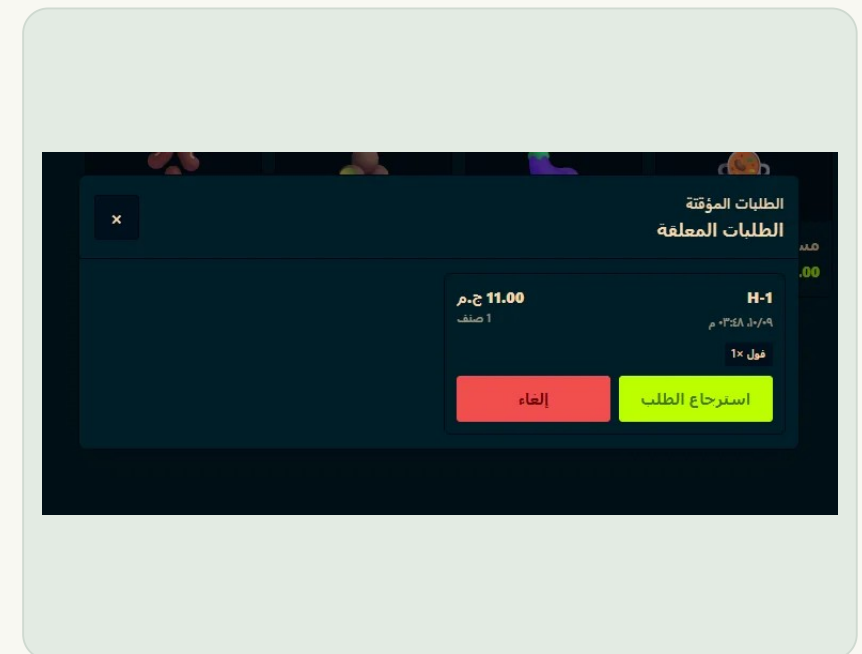
Every order can be tailored. Or paused.

Smart modifiers, saved baskets and a clear path to continue an interrupted sale.



01 / Modifiers by category or item

A controlled way to add options and prices.

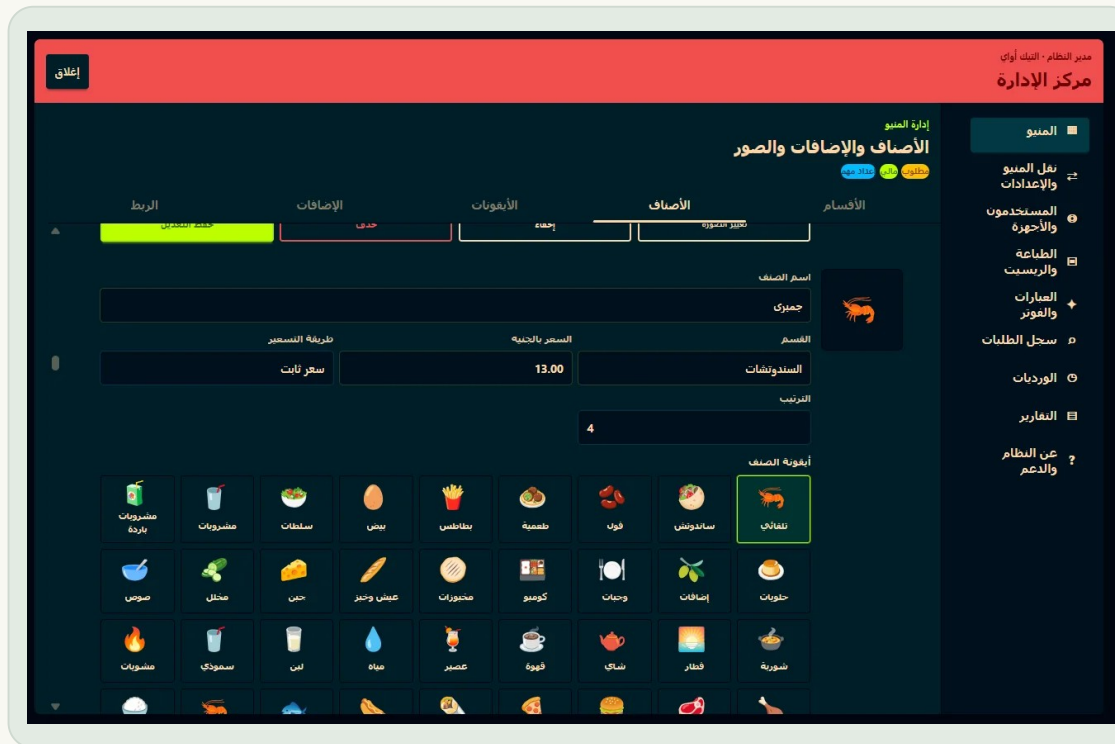


02 / Hold → Resume → Checkout

The customer returns; the order is still there.

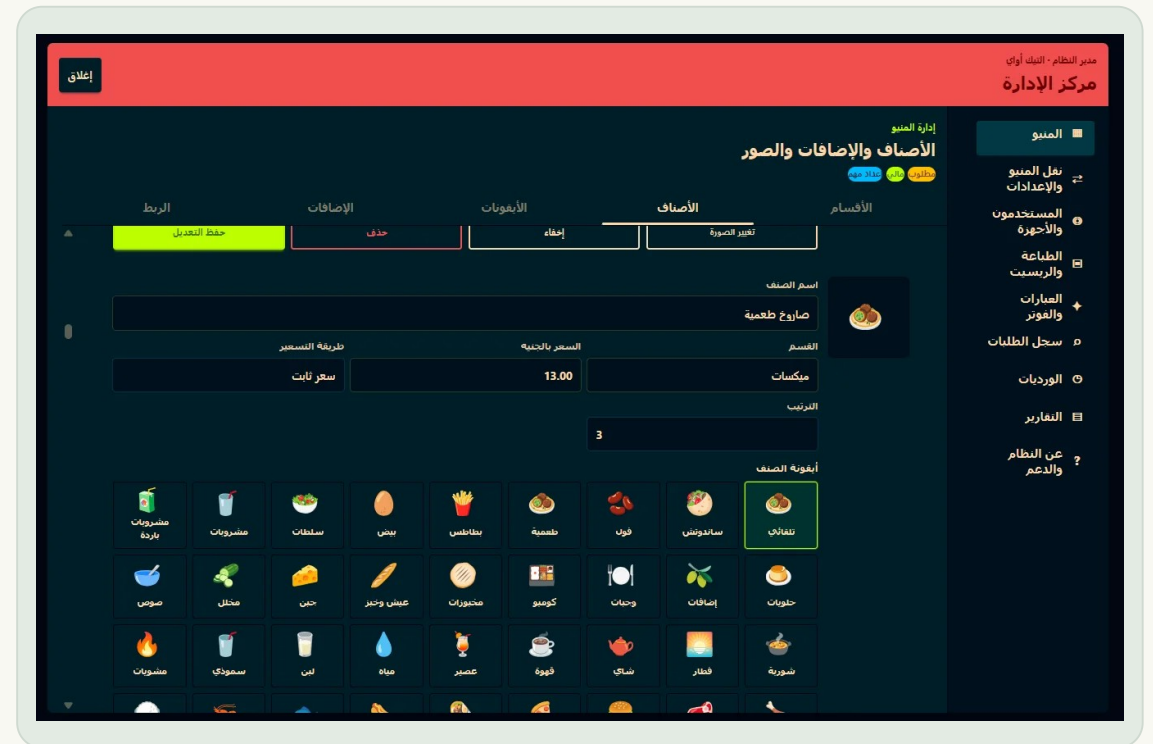
Make the menu feel like your restaurant.

Customise sections, prices, icons and modifier rules from one admin workspace.



01 / Category styling

Colors, names, icons, display order.



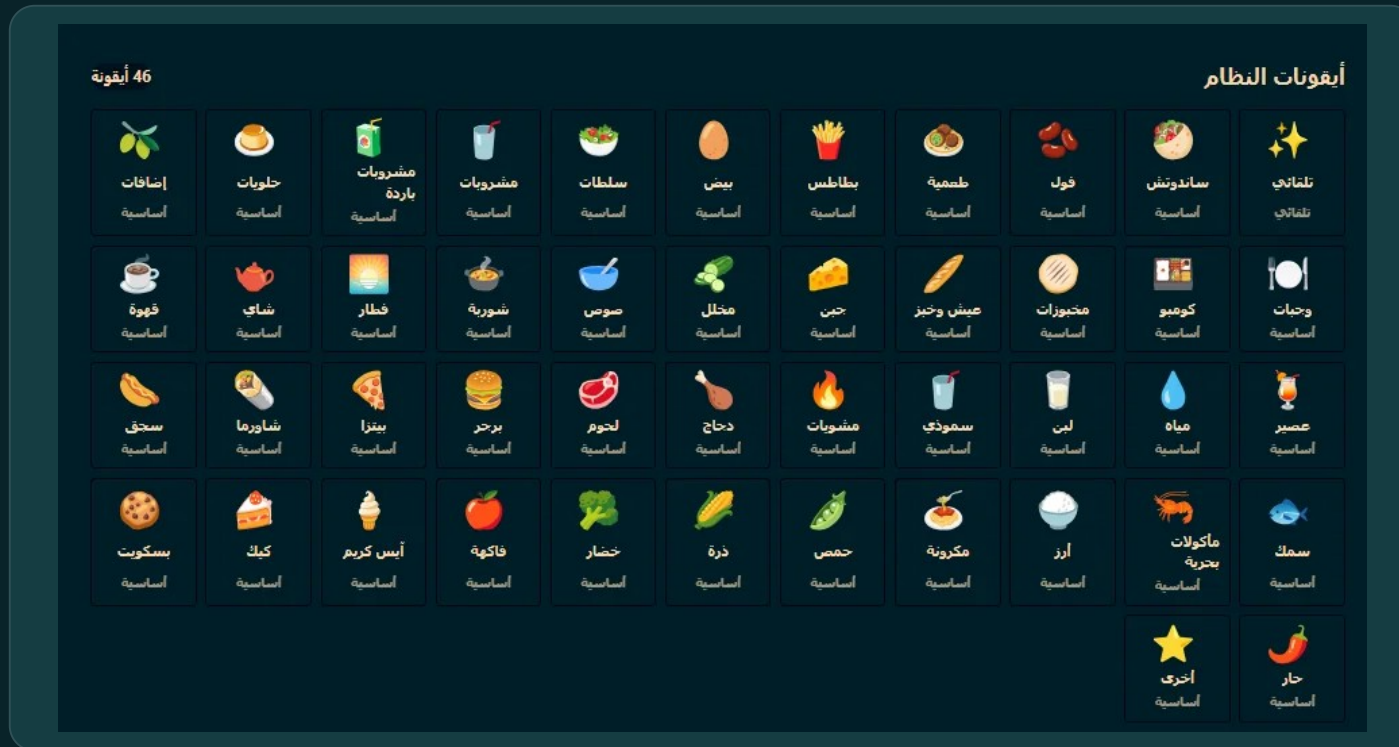
02 / Product editor

Pricing, item details and visual identity.

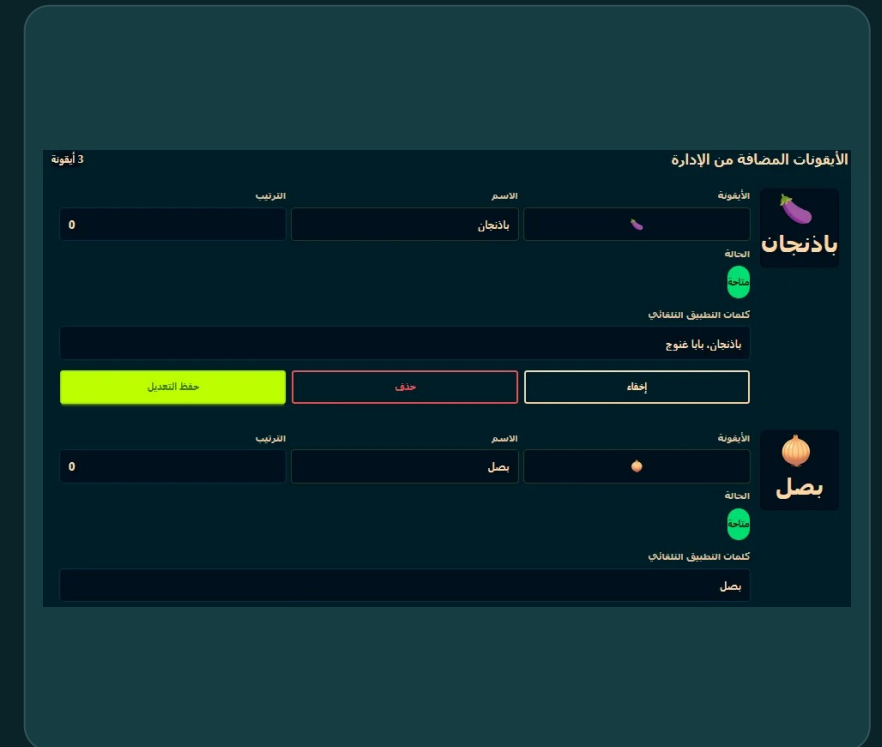
06 / ICONS & IMAGERY

Designed for how people recognise food.

Use the built-in icon set, automatic keyword matching and your own custom entries.



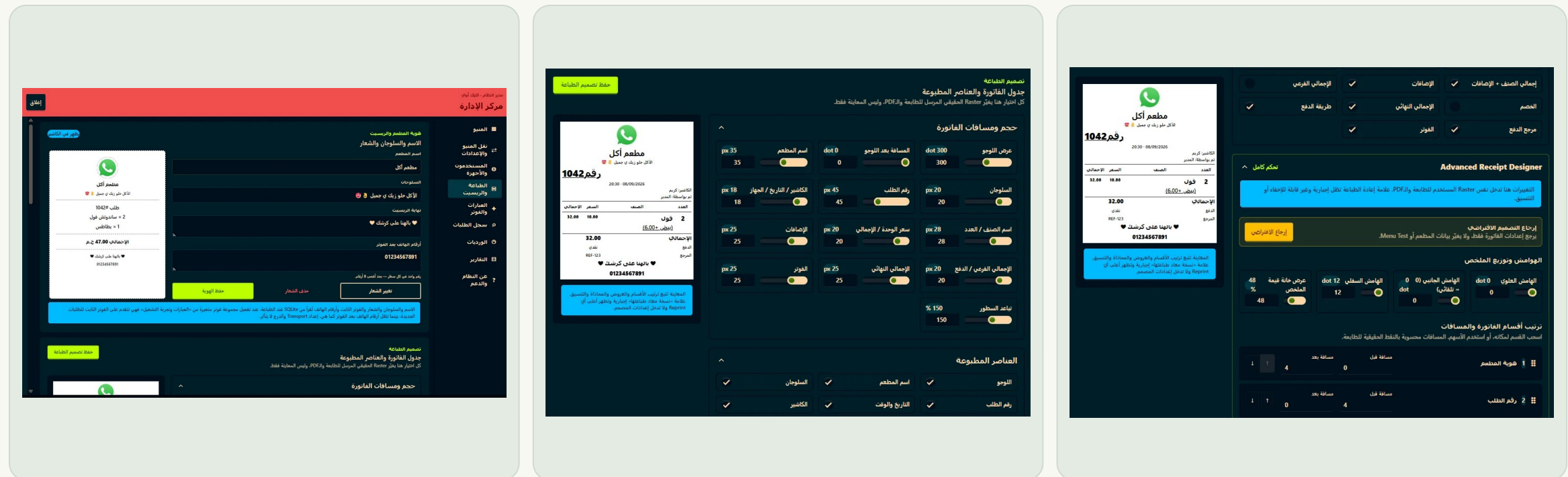
PRE-SET LIBRARY



CUSTOM DEFINITIONS

Your receipt. Your rules.

Branding, field visibility, font sizes, spacing and section order — with a live preview.



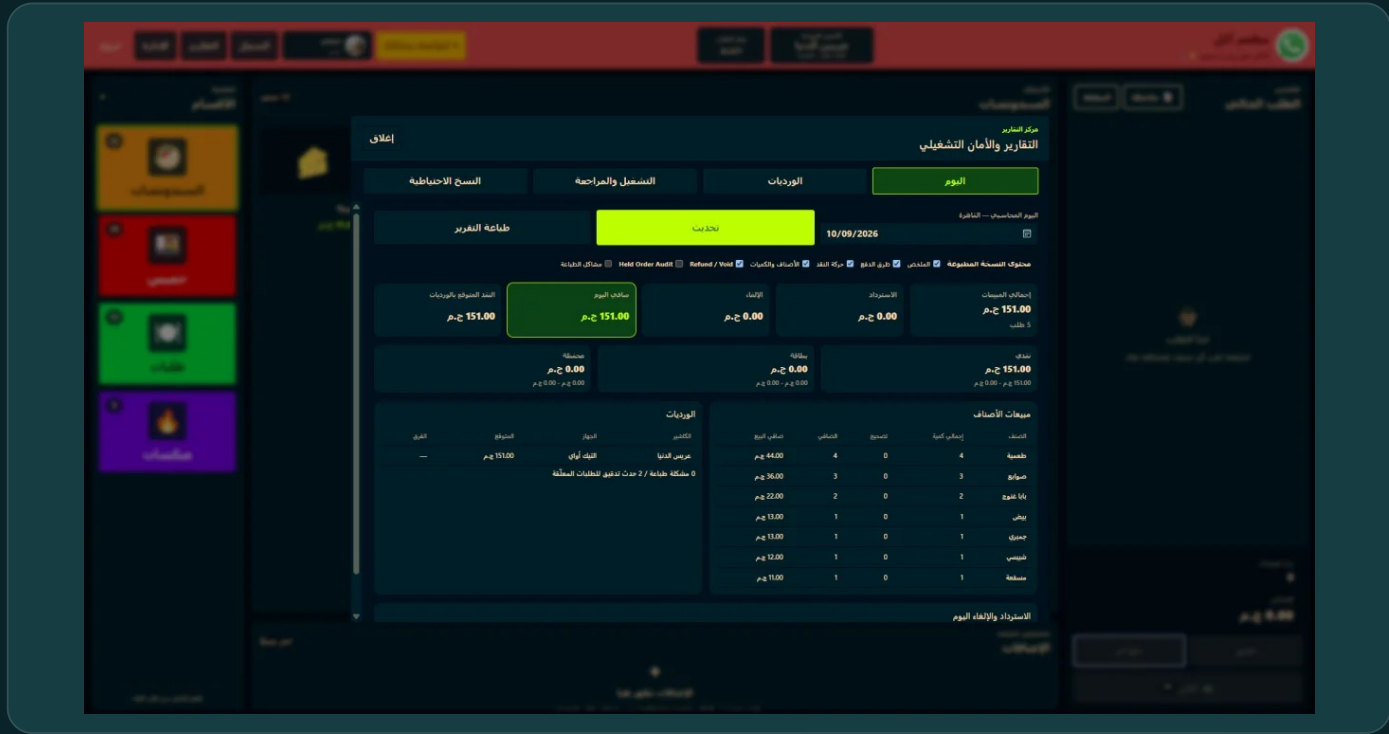
01 RESTAURANT BRANDING

02 FONTS & VISIBILITY

03 ADVANCED LAYOUT

Understand the day, not just the sale.

Daily reports, product performance, order history and role-aware corrections.



SALES + PRODUCT PERFORMANCE



ORDER HISTORY

Local-first and ready to start with Windows.

Runtime and startup scripts were found in the v1.0.1 deployment bundle.

LOCAL LOOPBACK

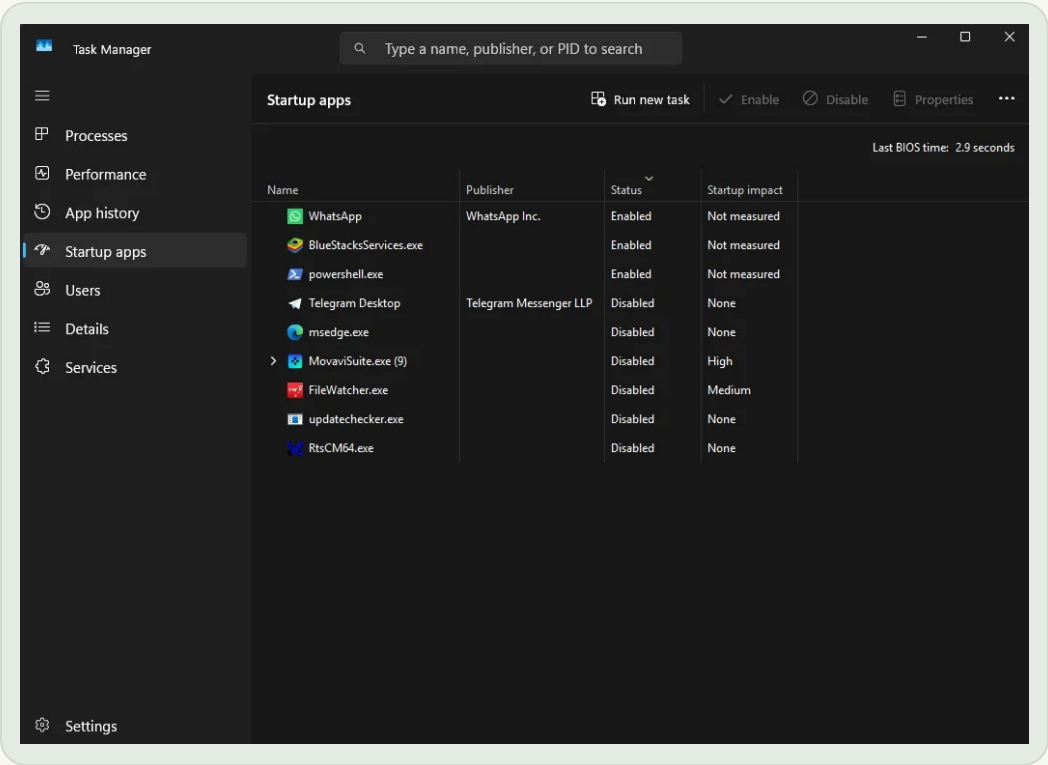
Express listens at 127.0.0.1 in configured deployment.

SCHEDULED TASKS

API and Printer Worker can start automatically.

DATA IS SEPARATE

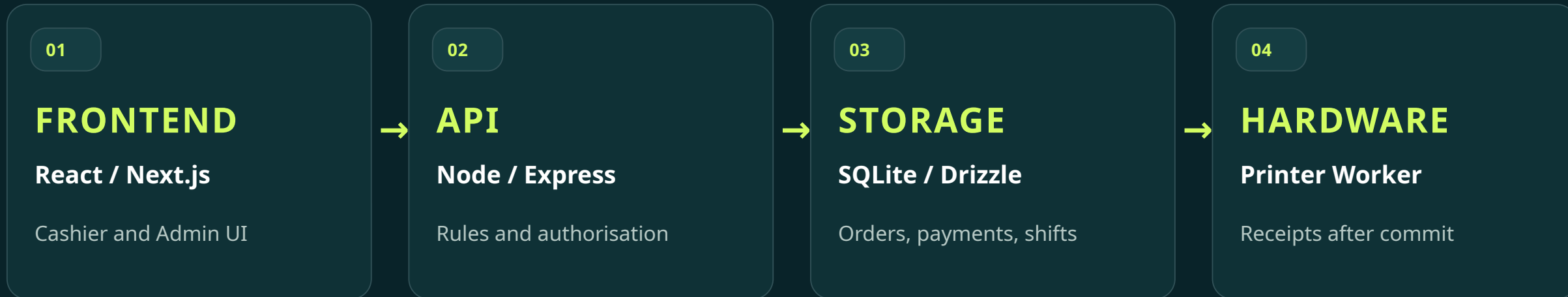
ProgramData keeps local database, backups and logs.



Installer acceptance remains open: Setup.exe and printer/device test results were not present in the uploaded archive.

Simple to use. Serious under the hood.

Local-first modular monolith: deliberate boundaries without an unnecessary cloud dependency.



Authoritative backend pricing → Atomic database commit → Async receipt / drawer policy

A sale must stay a sale.

Reliability and financial correctness are part of the product — not only an admin setting.

01 AUTHORITY

Server recalculates every price and modifier.

02 INTEGER MONEY

Piasters stored as integers, not floating-point totals.

03 IDEMPOTENCY

Same request never creates a duplicate sale.

04 ATOMIC CHECKOUT

Sale, payment and print intent are committed together.

05 ACCESS CONTROL

script PIN, login lockout and enforced API permissions.

06 **HARDWARE SAFETY**

Reprints cannot silently repeat drawer opening.

PROVEN IN THE BUNDLE. ACCEPTANCE STILL MATTERS.

IMPLEMENTED

Catalogue, modifiers, held orders, reporting, print worker.

DEMONSTRATED

19 authentic captures of POS and administration.

INSTALLER QA

The final Setup.exe was not uploaded.

DEVICE QA

Real printer / drawer and restart tests pending.

مشروع من تطوير محمود عاطف — D4NGER POS

Documentation + source-backed Roadmap • Created for the current Windows v1.0.1 handoff