

FRONT-END & DESIGN · WORKSHOP POS

POS Bengkel Workshop Point of Sale Front-End & UI / UX

Design system and front-end for a motorcycle-workshop POS — built with **Next.js**, **Tailwind v4** and **shadcn/ui**. Calm, data-dense, fully Indonesian, and role-aware: cashiers never see cost figures.

Design System

Tailwind v4

shadcn/ui

Inter + JetBrains Mono

Role-aware UI

Bahasa Indonesia

WCAG AA

14

MENU SCREENS

2

ROLES

AA

ACCESSIBILITY

MVVM

VIEW LAYER

Davinka Rahmada Putri

Front-End Developer · UI / UX Designer

v1.0

Design Principles & Color Palette

Financial Clarity

Money is the product — totals and figures use a tabular mono face and lead the hierarchy.

Calm & Dense

A soft slate canvas with white cards; information-dense tables without visual noise.

Role-Aware Trust

Cost price (HPP/modal) is hidden from cashiers — by design, at the data layer.

Primary & Action

Primary #1D4ED8 Actions, active nav	Primary Dark #0037B0 Hover, headings	Secondary / CTA #F59E0B Convert, pay, warn	Accent #D3E4FE Hover surface
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Status & Neutral

Success #16A34A LUNAS, Aman	Danger #DC2626 Habis, void	On-Surface #0B1C30 Primary text	Outline #C4C5D7 Borders, inputs
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Token	Hex	Role
--primary	#1D4ED8	Buttons, active nav, focus ring, emphasis
--secondary	#F59E0B	Amber CTA (convert, pay) & warning accent
--success	#16A34A	LUNAS, stok Aman, positive states
--destructive	#DC2626	Stok Habis, void, destructive actions
--background	#F8F9FF	App canvas & sidebar (light)
--foreground	#0B1C30	Primary text; muted text #434655

Tokens are defined in `globals.css` as OKLCH values mapped to `shadcn/ui` semantic names, with light/dark layers and tonal elevation surfaces.

Typography, Spacing & Components

Two typefaces via next/font: **Inter** for UI text and **JetBrains Mono** for every currency value and part number — tabular figures keep money columns aligned.

display / 32·700	Dashboard
headline / 24·600	Ringkasan Biaya
body / 16·400	Form labels, table text, helper copy.
label-caps / 12·700	STATUS · TABEL
currency / mono	Rp 1.250.000

Spacing (8px grid)

4 · 8 · 12 · 16 · 24

Card pad 24 · inputs & buttons
h-12 (48px)

Radius

base 8px · lg 12px ·
pill

rounded-lg default

Elevation

soft · elevated

Level 1 cards · Level 2 modals

Components & Status

Primary

CTA

LUNAS

Aman

Menipis

Habis

Input (focused)

Cari sparepart...

h-12, rounded-lg, 2px primary focus ring; leading icon;
Rp affix for currency.

License Plate

B 1234 XYZ

Specialized mono chip — dark plate, wide tracking,
used in WO & customer views.

Navigation & Dashboard

A light left sidebar (active item filled primary blue) plus a slim top bar with the role pill and logout. Owner-only sections sit under an Owner group; cashiers never see them.

The screenshot shows the BengkelPOS dashboard for an Owner user. The interface includes a left sidebar with navigation items, a top bar with the user's role and a '+ Buat Estimasi' button, and a main content area with KPI cards, operational status, and low-stock alerts.

Dashboard (Owner) — role-aware KPI cards, daily operational status, and low-stock alerts. Cashiers see a reduced KPI set without profit figures.

Operational menu

Dashboard · Estimasi · Work Order · Pembayaran · Nota · Kas · Tutup Kas

Owner-only menu

Master (Jasa/Sparepart/Pelanggan) · Pembukuan · Bagi Hasil · Laporan · Stok Opname · Kandidat Stok · Pengaturan

States

Active = filled #1D4ED8 pill; hover = #DCE9FF; inactive = muted label.

Work Order & Cash Closing

The work-order detail pairs the item table with a sticky cost summary, with item-type badges and the anti-fraud receipt gate. Cash closing reconciles physical vs system cash.

bengkelpos.app/work-order/128

B BengkelPOS

- Dashboard
- Estimasi
- Work Order
- Pembayaran
- Nota
- Kas
- Tutup Kas
- OWNER
- Master
- Pembukuan
- Bagi Hasil
- Laporan
- Pengaturan

Work Order · WO-202310-000128

Budi Santoso · Honda Vario · B 1234 XYZ Menunggu Bon

Rincian Item + Tambah Item

TIPE	NAMA	QTY	HARGA	MODAL*	SUBTOTAL
Jasa	Servis CVT	1	150.000	—	150.000
Stok	Roller Kit	1	95.000	62.000	95.000
Beli Luar	V-Belt OEM	1	180.000	140.000	180.000

△ V-Belt OEM — bukti bon diperlukan sebelum WO bisa diselesaikan

Ringkasan Biaya

Subtotal Jasa	150.000
Subtotal Sparepart	95.000
Beli Luar	180.000
Total Biaya	425.000

Selesaikan Work Order

Work Order Detail — item table (Jasa / Stok / Beli-Luar), receipt-required callout, and the cost summary. The **Modal/HPP** column is owner-only.

bengkelpos.app/tutup-kas

B BengkelPOS

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Tutup Kas Harian

Rekonsiliasi saldo sistem dengan fisik

Saldo Sistem Hari Ini

Saldo Awal	500.000
+ Pemasukan	1.620.000
- Pengeluaran	170.000
Total Saldo Sistem	1.950.000

TOTAL UANG TUNAI (FISIK)

Rp 1.950.000

Selisih Rp 0

🔒 Tutup Kas Sekarang

Tutup Kas — system balance vs physical cash, live difference state (green when zero), and a required note when the difference is non-zero.

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Master Sparepart & Reports

Inventory uses a searchable, filterable table with stock-status badges; reports pair KPI cards with a revenue-composition donut, a shop-fund progress bar, and a detail table.

bengkelpos.app/master/sparepart

B BengkelPOS

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Master Sparepart

+ Tambah Sparepart

Filter: Semua

NAMA SPAREPART	STOK	STATUS	HPP*	HARGA JUAL	AKSI
Roller Kit Vario	24	Aman	62.000	95.000	
V-Belt Beat	3	Menipis	88.000	135.000	
Kampas Rem Depan	0	Habis	45.000	70.000	
Oli Mesin 0.8L	52	Aman	38.000	55.000	

* HPP Terakhir & Riwayat Harga Beli — kolom Owner saja (Kasir membaca via view tanpa kolom modal).

Master Sparepart — search + status filter, stok-status badges (Aman / Menipis / Habis), and the owner-only HPP column hidden from cashiers via a database view.

bengkelpos.app/laporan

B BengkelPOS

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Laporan

Harian
Mingguan
Bulanan

TOTAL OMZET

Rp 28,4 jt

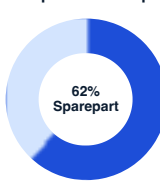
UNTUNG KOTOR

Rp 7,9 jt

UNTUNG BERSIH

Rp 4,6 jt

Komposisi Pendapatan



62% Sparepart
38% Jasa

Target Sisihan Kios

Rp 6,4 jt terkumpul 85%

Dari target Rp 7.500.000 / 3 bulan

TANGGAL	WO	OMZET	UNTUNG KOTOR	UNTUNG BERSIH
24 Okt	7	4.250.000	1.180.000	720.000
23 Okt	5	3.100.000	820.000	510.000

Laporan — period toggle, profit KPIs, revenue composition (Sparepart vs Jasa), shop-fund target progress, and a daily detail table.

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UX Patterns & Accessibility

Status & Semantics

- Stock: Aman Menipis Habis
- Payment: LUNAS Voided
- WO: Berjalan Menunggu Bon Selesai
- Color is never the only signal — dot + label everywhere

Role-Based Hiding

- Cashiers never see HPP / modal — enforced at the view layer
- Owner-only routes redirect cashiers to /tidak-diizinkan
- Dashboard KPI set differs by role
- UI never even receives hidden figures from the API

Currency

Rp 1.250.000 — id-ID format, JetBrains Mono, tabular figures for aligned columns.

Accessibility (AA)

≥ 4.5:1 contrast, 2px focus rings, 44–48px targets, semantic labels & tables.

Feedback

Toasts (sonner) for save/error; explicit loading, empty & error states per screen.

Consistency Principles

Aspect	Rule across every screen
Language	Fully Bahasa Indonesia — labels, statuses, validation messages
Layout	Light sidebar + top bar shell; cards on a soft slate canvas
Money	Mono tabular figures, right-aligned, Rp prefixed
Actions	Primary = blue; high-intent CTA = amber; destructive = red

A single tokenized design system maps 1:1 to the shadcn/ui component library, so the front-end mirrors the design exactly and stays consistent as features grow.