

drop-make-integration-plan

Plan: Drop Figma Make Frontend Integration

Research Summary

Make Export (source:

~/ALAI/products/Drop/mockups/figma-make-export/)

- **10 screens**, all custom Tailwind styling (NO shadcn imports despite package.json having them)
- **react-router** navigation (Link, useLocation, useState)
- **All hardcoded mock data** — no API calls
- **2 shared components:** BottomNav (5 items: Hjem, Kontoer, Skann, Historikk, Profil), Logo (gradient square + wordmark)
- **lucide-react** icons throughout
- **Norwegian text**, DM Sans + Fraunces fonts, #0B6E35 green + #D4A017 gold
- Total: ~1,200 lines across 12 component files

Existing Drop (source:

~/ALAI/products/Drop/src/drop-app/)

- **10 routes**, all "use client" components with real API integration
- **API calls:** auth (login/register), transactions (list/create), recipients, rates, cards, merchants
- **Auth:** useAuth hook, JWT httpOnly cookies
- **Feature flags:** cards gated behind useFeatureFlag()
- **shadcn/ui components** used (Card, Button, Badge, Tabs, ScrollArea, etc.)
- **BottomNav** with different icons (Home, Send, QrScan, CreditCard, User)
- **DropLogo** components (broken SVG from task #947 — needs replacement)

- Total: ~2,350 lines across page components

Key Difference

Make export = **beautiful UI with mock data**. Existing Drop = **ugly UI with working backend**.

Goal: merge both — Make's design + Drop's API integration.

Conversion Needs Per Screen

Make Screen	react-router → Next.js	Mock Data → API	Lines
Login	Link → next/link, form → POST /api/auth/login	Remove mock, add auth	80
Onboarding	Link → next/link, form → POST /api/auth/register	Remove mock, add validation	117
Dashboard	Link → next/link	Mock txns → GET /api/transactions, mock balance → GET /api/bank-accounts	129
SendMoney	Link → next/link, useState kept	Mock recipients → GET /api/recipients, mock rates → GET /api/rates, submit → POST /api/transactions/remittance	168
BankAccounts	Link → next/link	Mock accounts → GET /api/bank-accounts	82
TransactionHistory	Link → next/link, useState kept	Mock txns → GET /api/transactions	181
ScanQR	Link → next/link, useState kept	Mock merchant → POST /api/transactions/qr-payment	125
Profile	Link → next/link	Mock user → GET /api/auth/me, logout → POST /api/auth/logout	113
Notifications	Link → next/link	Mock notifs → static for MVP (no API yet)	96
MerchantDashboard	useState kept	Mock stats → GET /api/merchants/dashboard, mock txns → GET /api/merchants/transactions	147

Objective

Replace all 10 Drop frontend page components with Figma Make export designs, converting from Vite/react-router to Next.js App Router, and wiring mock data to existing Drop API endpoints. Backend stays 100% untouched.

Team Orchestration

Team Members

ID	Name	Role	Agent Type	Model
B1	foundation-builder	Setup shared components + theme	builder	sonnet
V1	foundation-validator	Validate shared components	validator	sonnet
B2	screens-builder-1	Convert Login, Onboarding, Dashboard, Profile	builder	sonnet
B3	screens-builder-2	Convert SendMoney, BankAccounts, TransactionHistory	builder	sonnet
B4	screens-builder-3	Convert ScanQR, Notifications, MerchantDashboard	builder	sonnet
V2	screens-validator	Validate all 10 screens build + API wiring	validator	sonnet
B5	integration-builder	Final integration, build test, fix issues	builder	sonnet
V3	final-validator	Full app build + visual check	validator	sonnet

Step-by-Step Tasks

Phase 1: Foundation (shared components + theme)

Task 1: Replace shared components and merge theme

- Owner: B1
- BlockedBy: none
- Files owned:

- `src/components/bottom-nav.tsx` — REPLACE with Make's BottomNav (convert react-router Link/useLocation → next/link + usePathname)
- `src/components/drop-logo.tsx` — REPLACE with Make's Logo component
- `src/app/globals.css` — MERGE Make's theme.css variables into existing globals.css (keep existing Tailwind @theme inline, add missing CSS vars from Make)
- `src/components/ui/` — keep all existing shadcn components, no changes
- Read FIRST:
 - Make: `mockups/figma-make-export/src/app/components/BottomNav.tsx`
 - Make: `mockups/figma-make-export/src/app/components/Logo.tsx`
 - Make: `mockups/figma-make-export/src/styles/theme.css`
 - Existing: `src/components/bottom-nav.tsx`
 - Existing: `src/components/drop-logo.tsx`
 - Existing: `src/app/globals.css`
- Conversion rules:
 - `import { Link } from 'react-router'` → `import Link from 'next/link'`
 - `import { useLocation } from 'react-router'` → `import { usePathname } from 'next/navigation'`
 - `const { pathname } = useLocation()` → `const pathname = usePathname()`
 - `to=` → `href=`
 - Add `"use client"` at top of each file
 - BottomNav: 5 items — Hjem(/dashboard), Kontoer(/accounts), Skann QR(/scan, center green circle), Historikk(/transactions), Profil(/profile)
- Acceptance:
 - `bottom-nav.tsx` uses next/link + usePathname, 5 items, center QR button elevated
 - `drop-logo.tsx` renders green gradient square + gold dot + "drop" wordmark
 - `globals.css` has all Make theme variables merged (--primary-green, --gold-accent, etc.)
 - No react-router imports remain
 - `npx tsc --noEmit` passes for changed files

Task 2: Validate foundation

- Owner: V1
- BlockedBy: 1
- Acceptance:
 - `bottom-nav.tsx`: no react-router, uses next/link + usePathname, "use client" present
 - `drop-logo.tsx`: renders correctly, no broken SVG paths, "use client" present
 - `globals.css`: valid CSS, no duplicate custom properties, Tailwind @theme inline still present
 - All existing imports of BottomNav and DropLogo from other files still resolve

Phase 2: Screen Conversion (parallel — 3 builders)

Task 3: Convert Login, Onboarding, Dashboard, Profile

- Owner: B2
- BlockedBy: 1
- Files owned:
 - `src/app/login/page.tsx` — REPLACE with Make's Login.tsx + add POST `/api/auth/login`
 - `src/app/register/page.tsx` — REPLACE with Make's Onboarding.tsx + add POST `/api/auth/register` (keep age validation, OTP, PIN from existing)
 - `src/app/dashboard/page.tsx` — REPLACE with Make's Dashboard.tsx + add GET `/api/transactions` + GET `/api/bank-accounts`
 - `src/app/profile/page.tsx` — REPLACE with Make's Profile.tsx + add GET `/api/auth/me` + POST `/api/auth/logout`
- Read FIRST:
 - Make screens: Login.tsx, Onboarding.tsx, Dashboard.tsx, Profile.tsx
 - Existing pages: login/page.tsx, register/page.tsx, dashboard/page.tsx, profile/page.tsx
 - API spec: `~/ALAI/products/Drop/project/architecture/api-specification.md`
- Conversion rules (SAME for all screens):
 - `import { Link } from 'react-router'` → `import Link from 'next/link'`
 - `to=` → `href=`
 - Add `"use client"` at top
 - Replace hardcoded mock data with `useState` + `useEffect` + `fetch('/api/...')` from existing pages
 - Import BottomNav from `@/components/bottom-nav`
 - Import Logo from `@/components/drop-logo` (use DropLogo/DropLogoFull as appropriate)
 - Keep Make's visual layout/structure, replace data layer
 - Login: add form onSubmit → POST `/api/auth/login`, `router.push('/dashboard')` on success
 - Register: keep existing multi-step validation (age 18+, password strength, OTP) but use Make's visual design
 - Dashboard: fetch transactions + bank accounts on mount, show real data in Make's layout
 - Profile: show real user data from `/api/auth/me`, logout → POST `/api/auth/logout` + `router.push('/login')`
- Acceptance:
 - All 4 pages render with Make's visual design
 - Login form submits to `/api/auth/login`
 - Register validates age 18+, password, creates account
 - Dashboard shows real API data (transactions, bank accounts)
 - Profile shows real user, logout works
 - No react-router imports, all use next/link
 - `npx tsc --noEmit` passes

Task 4: Convert SendMoney, BankAccounts, TransactionHistory

- Owner: B3
- BlockedBy: 1
- Files owned:
 - `src/app/send/page.tsx` — REPLACE with Make's SendMoney.tsx + add GET /api/recipients, GET /api/rates, POST /api/transactions/remittance
 - `src/app/accounts/page.tsx` — REPLACE with Make's BankAccounts.tsx + add GET /api/bank-accounts
 - `src/app/transactions/page.tsx` — REPLACE with Make's TransactionHistory.tsx + add GET /api/transactions
- Read FIRST:
 - Make screens: SendMoney.tsx, BankAccounts.tsx, TransactionHistory.tsx
 - Existing pages: send/page.tsx, accounts/page.tsx, transactions/page.tsx
 - API spec: ~/ALAI/products/Drop/project/architecture/api-specification.md
- Conversion rules: Same as Task 3 + specific:
 - SendMoney: 4-step flow (recipient → amount → review → success), real recipients from API, real exchange rates, POST remittance on confirm
 - BankAccounts: real bank accounts from GET /api/bank-accounts, no mock data
 - TransactionHistory: real transactions with filters (all/sendt/qr), grouped by date
- Acceptance:
 - SendMoney fetches real recipients + rates, creates real remittance
 - BankAccounts shows real linked accounts from API
 - TransactionHistory shows real transactions with filter tabs
 - No react-router imports
 - `npx tsc --noEmit` passes

Task 5: Convert ScanQR, Notifications, MerchantDashboard

- Owner: B4
- BlockedBy: 1
- Files owned:
 - `src/app/scan/page.tsx` — REPLACE with Make's ScanQR.tsx + add POST /api/transactions/qr-payment
 - `src/app/notifications/page.tsx` — REPLACE with Make's Notifications.tsx (keep mock data for MVP — no notifications API yet)
 - `src/app/(merchant)/merchant/page.tsx` or appropriate route — REPLACE with Make's MerchantDashboard.tsx + add GET /api/merchants/dashboard + GET /api/merchants/transactions
- Read FIRST:
 - Make screens: ScanQR.tsx, Notifications.tsx, MerchantDashboard.tsx
 - Existing pages: scan/page.tsx, notifications/page.tsx
 - API spec sections 7, 9 (QR Payment, Merchants)
- Conversion rules: Same as Task 3 + specific:

- ScanQR: keep demo simulation mode, POST /api/transactions/qr-payment on confirm, show bank account info
- Notifications: keep Make's mock data (no backend API for notifications in MVP)
- MerchantDashboard: real stats from /api/merchants/dashboard, real transactions from /api/merchants/transactions
- Acceptance:
 - ScanQR simulates scan, creates real QR payment
 - Notifications renders with demo data
 - MerchantDashboard shows real merchant stats
 - No react-router imports
 - `npx tsc --noEmit` passes

Task 6: Validate all 10 screens

- Owner: V2
 - BlockedBy: 3, 4, 5
 - Acceptance:
 - All 10 page.tsx files exist and compile
 - No react-router imports anywhere in src/
 - All pages have "use client" directive
 - All API calls match api-specification.md endpoints
 - BottomNav appears on all pages except Login and Onboarding
 - All text is Norwegian
 - Brand colors (#0B6E35, #D4A017) used consistently
 - `npx tsc --noEmit` passes for entire project
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Phase 3: Integration & Build

Task 7: Build test + fix issues

- Owner: B5
- BlockedBy: 6
- Steps:
 - Run `npm run build` (or `next build`)
 - Fix any TypeScript errors
 - Fix any import path issues
 - Fix any missing dependencies
 - Ensure all routes accessible
 - Remove unused old components if any
 - Remove /cards route or keep as feature-flagged placeholder
- Files owned: Any file that needs fixing from build errors

- Acceptance:
 - `next build` succeeds with 0 errors
 - `next dev` starts without errors
 - All 10 routes load in browser
 - No console errors on any page

Task 8: Final validation

- Owner: V3
- BlockedBy: 7
- Steps:
 - Verify `next build` passes
 - Check each route renders (curl localhost:3000/login, /dashboard, etc.)
 - Verify API endpoints still work (GET /api/auth/me, GET /api/transactions)
 - Check no old broken SVG logos remain
 - Verify BottomNav navigation works between pages
- Acceptance:
 - Build passes
 - All 10 routes return 200
 - API health check passes
 - No broken imports or missing components

Validation Commands

```
# TypeScript check
cd ~/ALAI/products/Drop/src/drop-app && npx tsc --noEmit

# Build
cd ~/ALAI/products/Drop/src/drop-app && npm run build

# Dev server
cd ~/ALAI/products/Drop/src/drop-app && npm run dev

# Check no react-router imports remain
grep -r "from 'react-router'" ~/ALAI/products/Drop/src/drop-app/src/ || echo "CLEAN"
grep -r "from \"react-router\"" ~/ALAI/products/Drop/src/drop-app/src/ || echo "CLEAN"

# Check all pages exist
```

```
ls ~/ALAI/products/Drop/src/drop-  
app/src/app/{login,register,dashboard,send,accounts,transactions,scan,profile,notifications}/p  
age.tsx
```

Risk Mitigation

1. **Backup first:** `cp -r src/drop-app/src src/drop-app/src-backup-pre-make` before any changes
2. **Register vs Onboarding:** Existing register has complex multi-step validation (age 18+, OTP, PIN). Make's Onboarding is simpler. MUST keep existing validation logic, only replace visual layer.
3. **Cards route:** Make export has no Cards screen (replaced with BankAccounts per pass-through model). Keep /cards as feature-flagged placeholder or remove.
4. **Merchant route:** May need new route directory if doesn't exist. Check first.
5. **Landing page (/):** NOT touched. Existing landing page stays as-is.

Estimated Scope

- **Phase 1:** 3 files changed (foundation)
- **Phase 2:** 10 files replaced (screens) — 3 builders in parallel
- **Phase 3:** Bug fixes from build
- **Total:** ~13 files modified, 0 new files, backend untouched

Revision #4

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