

# PEMBINA Phase 9 — Implementation Walkthrough

**Completed:** 2025-12-16

**Status:**  All Tests Passed

## Summary

Implemented PEMBINA Phase 9 — Post-MVP Completion:

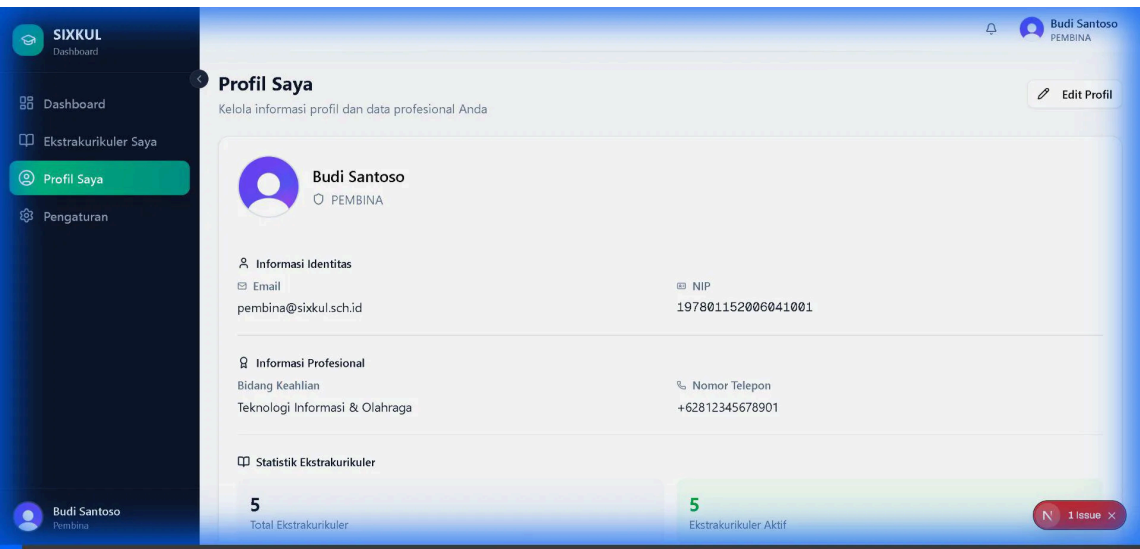
- Bell-based notification system (dropdown, no standalone route)
- Profile page with view/edit functionality
- Account settings with Clerk password management
- Navigation updates with new sidebar items

## Browser Test Results

All automated browser tests passed successfully.

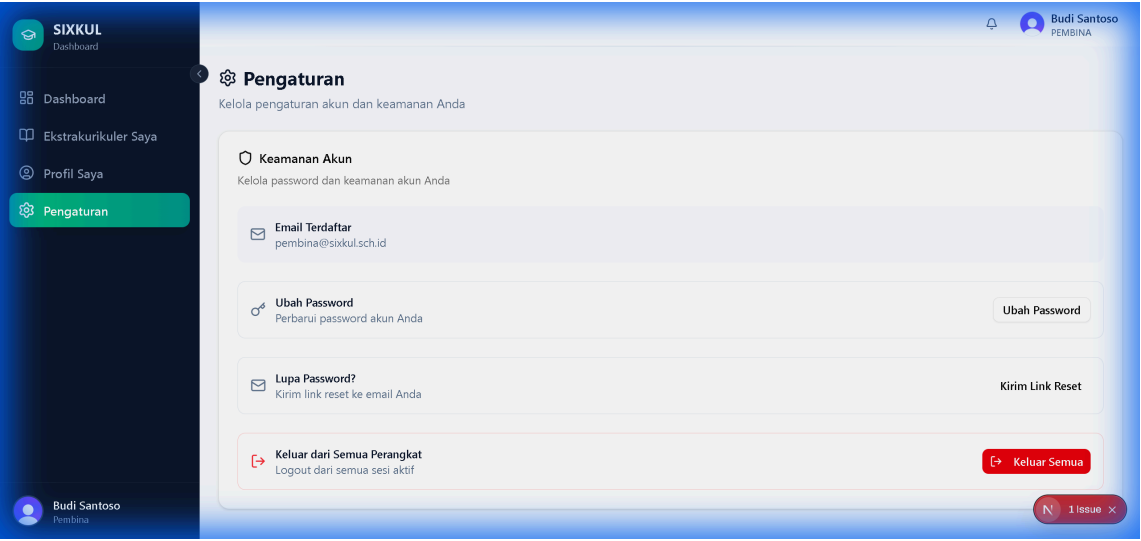
### Test 1: Profile Page

- **Route:** `/pembina/profile`
- **Result:** All elements visible
- **Verified:** Title, email, NIP (read-only), expertise, phone, statistics, edit button



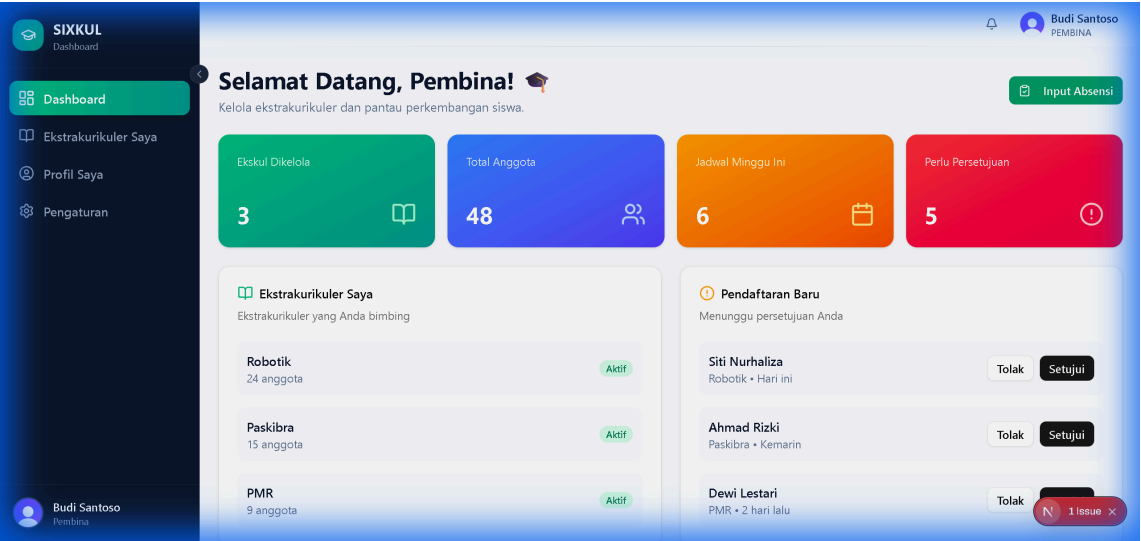
### Test 2: Settings Page

- **Route:** `/pembina/settings`
- **Result:** Security section visible
- **Verified:** Keamanan Akun, email display, Ubah Password, Kirim Link Reset, Keluar Semua



Test 3: Notification Dropdown ✔

- **Location:** Bell icon in TopNavbar
- **Result:** Dropdown displays notifications
- **Verified:** Notifikasi title, Tandai semua dibaca button, notification items with timestamps



Files Created

File	Purpose
src/lib/pembina-notification-data.ts	Notification data layer
src/lib/pembina-profile-data.ts	Profile data layer
src/components/pembina/NotificationDropdown.tsx	Bell dropdown

src/app/(dashboard)/pembina/PembinaLayoutClient.tsx	Client layout
src/app/(dashboard)/pembina/profile/page.tsx	Profile page
src/app/(dashboard)/pembina/profile/_components/ProfileClientWrapper.tsx	Profile UI
src/app/(dashboard)/pembina/settings/page.tsx	Settings page
src/app/(dashboard)/pembina/settings/_components/SecuritySection.tsx	Clerk integration

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## Files Modified

File	Changes
src/app/(dashboard)/pembina/layout.tsx	Server/Client hybrid
src/components/layout/TopNavbar.tsx	PEMBINA dropdown + settings link

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## Key Decisions Implemented

Decision	Implementation
NIP is READ-ONLY	Not editable in profile form
Option A routing	Notification → Enrollment → Extracurricular
No /pembina/notifications	Bell dropdown only
No Prisma password	All auth via Clerk