

# PEMBINA Phase 9 — Implementation Walkthrough

Completed: 2025-12-16

Status: ✓ All Tests Passed

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## Summary

Implemented PEMBINA Phase 9 — Post-MVP Completion:

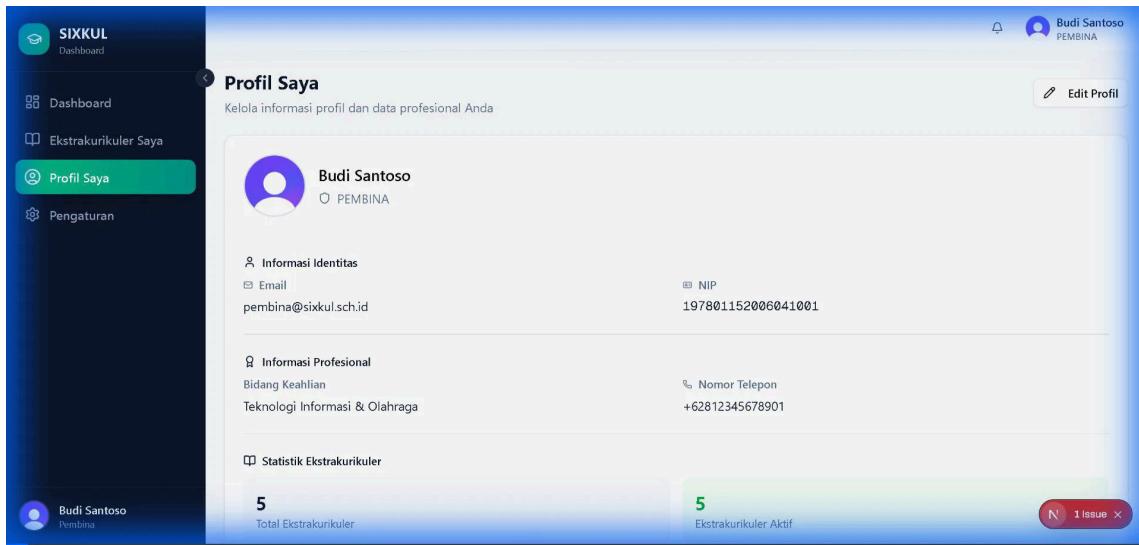
- Bell-based notification system (dropdown, no standalone route)
  - Profile page with view/edit functionality
  - Account settings with Clerk password management
  - Navigation updates with new sidebar items
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## Browser Test Results

All automated browser tests passed successfully.

### Test 1: Profile Page ✓

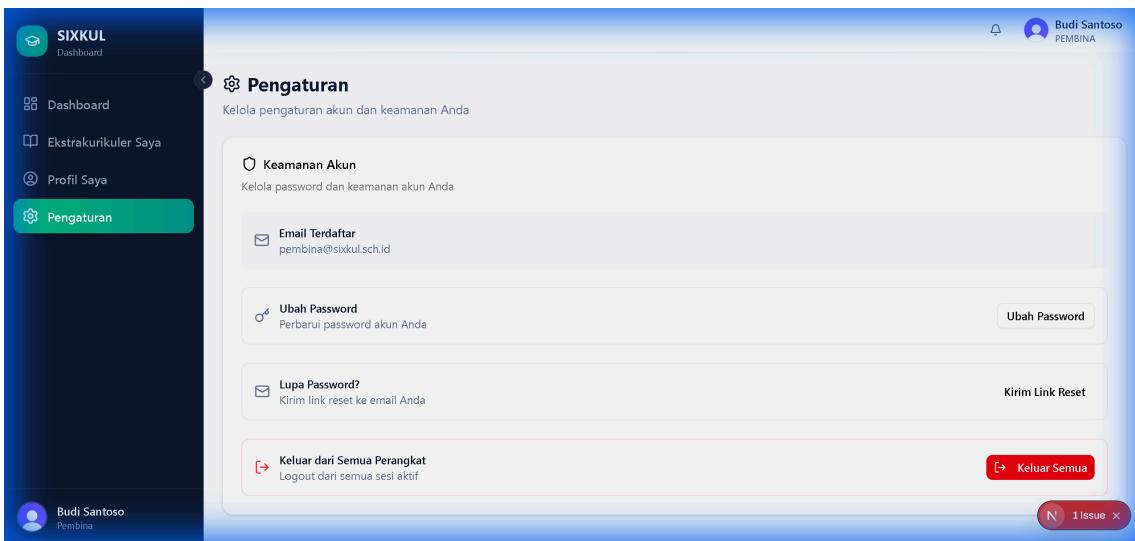
- **Route:** /pembina/profile
- **Result:** All elements visible
- **Verified:** Title, email, NIP (read-only), expertise, phone, statistics, edit button



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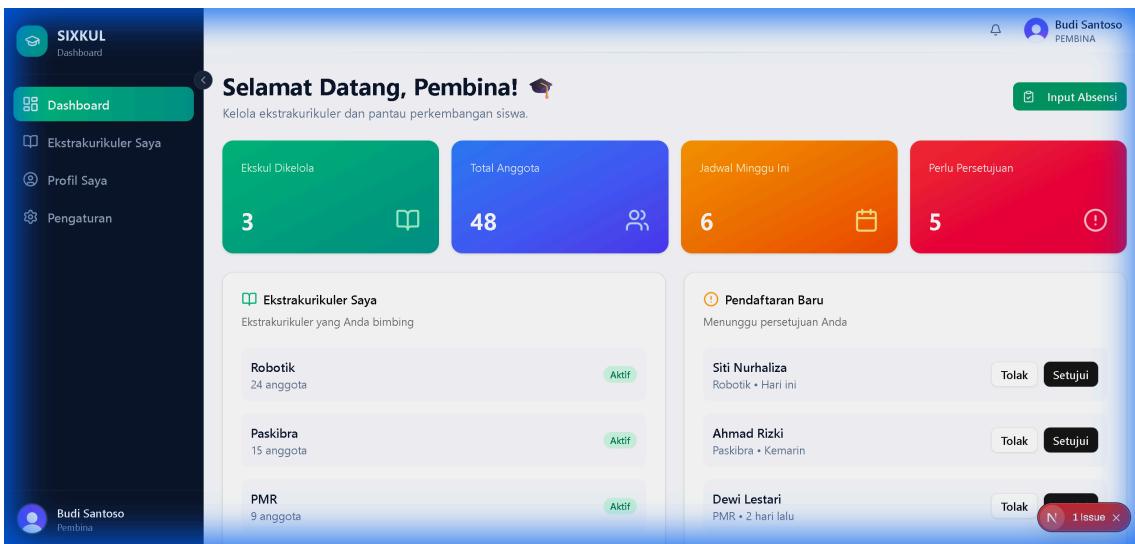
### Test 2: Settings Page ✓

- **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 Top Navbar
- Result:** Dropdown displays notifications
- Verified:** Notifikasi title, Tanda 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

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

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## Files Modified

File	Changes
<code>src/app/(dashboard)/pembina/layout.tsx</code>	Server/Client hybrid
<code>src/components/layout/TopNavbar.tsx</code>	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 <code>/pembina/notifications</code>	Bell dropdown only
No Prisma password	All auth via Clerk