

PEMBINA Phase 10 Dashboard Finalization

Walkthrough

This walkthrough documents the implementation of Phase 10, which finalized the PEMBINA Dashboard as a **read-only administrative launchpad** with real data.

Changes Made

1. Data Layer

[NEW] `pembina-dashboard-data.ts`

Created read-only data aggregation functions:

Function	Purpose	Cap
<code>getPembinaDashboardSummary</code>	Total stats (ekstrakurikulers, active members, pending, upcoming sessions)	
<code>getPembinaExtracurricularOverview</code>	Re-exports <code>getPembinaExtracurriculars</code> for list display	
<code>getUpcomingSessions</code>	Sessions where now date < now + 7 days, excludes cancelled	5
<code>getPendingEnrollmentsPreview</code>	Pending enrollments with student/ekskul info	5

2. Dashboard Page Refactor

[MODIFY] `page.tsx`

Key changes:

- Converted to async RSC with real data fetching
- Added loading skeleton via React Suspense
- Removed all hardcoded mock data
- Removed Input Absensi header button
- Replaced inline Setujui/Tolak buttons with navigation CTAs

CTA Wiring (Context-Aware)

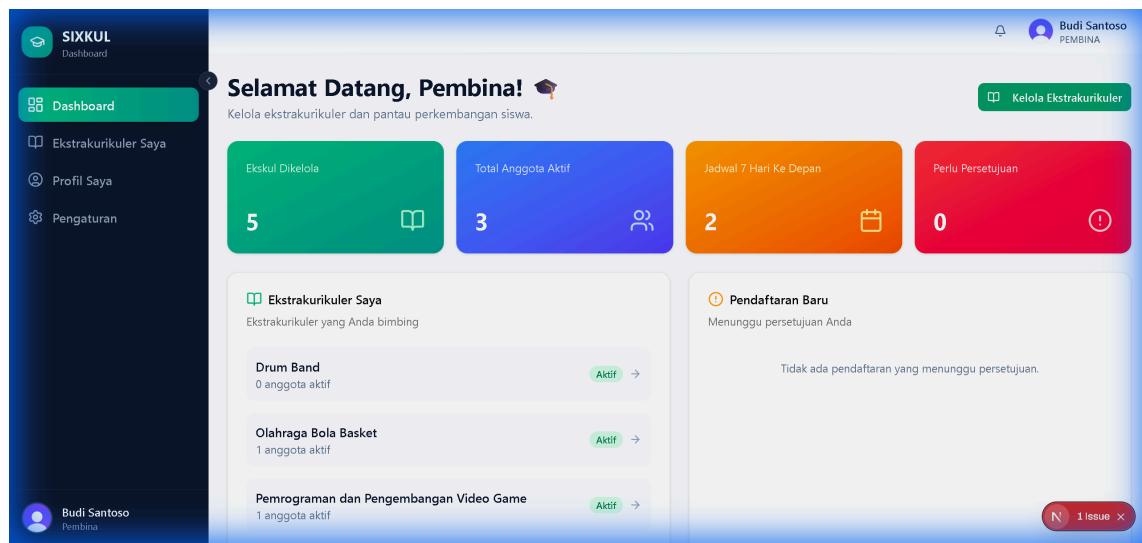
Element	Has Context?	Route
Summary cards	No	/pembina/ekstrakurikuler
Ekskul list item	Yes	/pembina/ekstrakurikuler/[item.id]
Pending enrollment	Yes	/pembina/ekstrakurikuler/[item.extracurricularId]/enrollments
Session item	Yes	/pembina/ekstrakurikuler/[item.extracurricularId]/sessions

Verification Results

Build

npm run build completed successfully

Browser Testing



Verified:

- Dashboard loads real data (5, 3, 2, 0)
- No Input Absensi button
- No Setujui/Tolak buttons
- All href attributes correctly point to existing routes
- Direct navigation to /pembina/ekstrakurikuler/[id] works

Constraints Validated

Constraint	Status
Dashboard read-only	No mutation buttons
No new routes	All CTAs use existing /pembina/* routes
No schema changes	Uses existing models
Global Navigation Contract	Compliant with Section 3

3. Theme Settings Implementation

Files Created

File	Purpose

providers.tsx	ThemeProvider wrapper using next-themes
AppearanceSection.tsx	Theme selector UI component

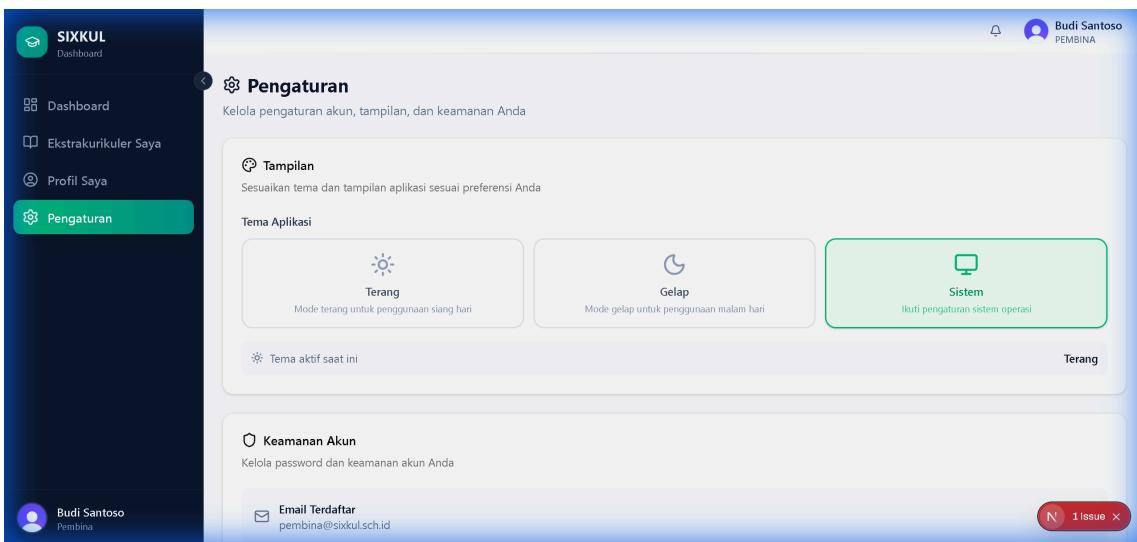
Files Modified

- PembinaLayoutClient.tsx Wrapped with PembinaProviders
- settings/page.tsx Added AppearanceSection

Theme Options

- Terang (Light) Forces light mode
- Gelap (Dark) Forces dark mode
- Sistem (System) Follows OS preference

Theme Settings Screenshot



Theme Test Screenshot

