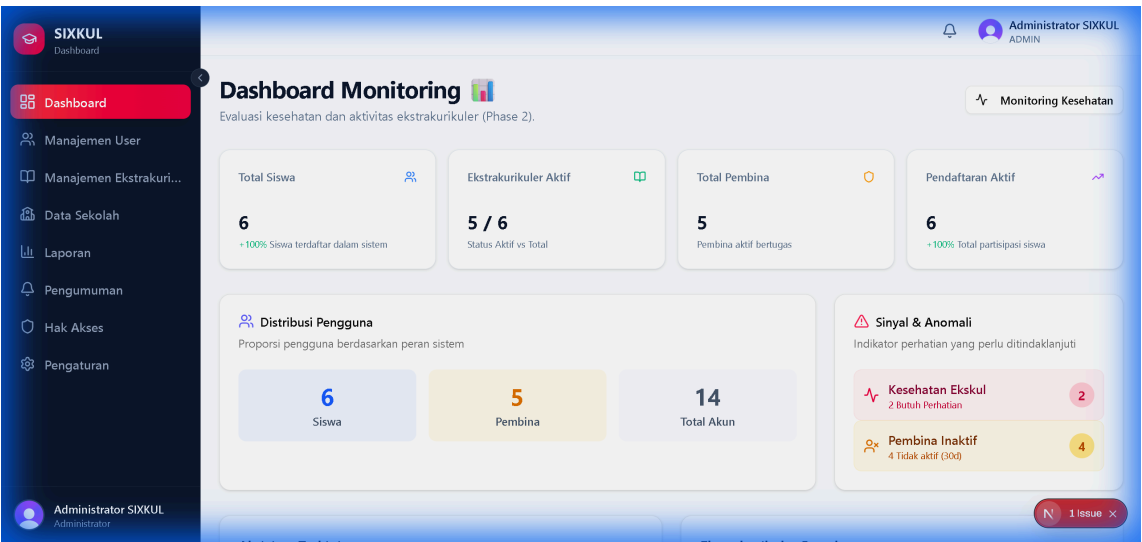# Walkthrough: Admin Phase 2 (Monitoring & Evaluation)

This walkthrough demonstrates the new "Monitoring & Evaluasi" capabilities added to the SIXKUL Admin Dashboard. These features focus on providing high-level visibility into system health, extracurricular performance, and pembina activity without requiring manual data compilation.

1. Dashboard Monitoring Signals

The Admin Dashboard (`/admin/dashboard`) has been enhanced with localized trend indicators and a dedicated Anomaly Signal card.

Key Features:

- **System Metrics**: Total active entities with percentage growth trends vs 30 days ago.
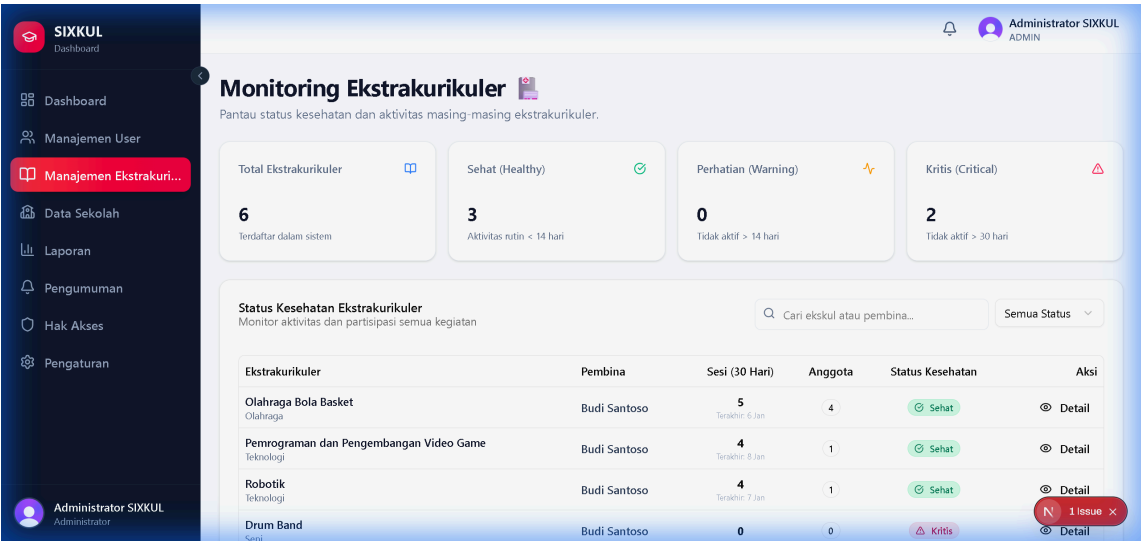- **Sinyal & Anomali**: Auto-detection of "Critical" extracurriculars and "Inactive" pembinas.

2. Extracurricular Health Monitoring

Page: `/admin/ekstrakurikuler`

This page functions as a centralized health check. Extracurriculars are tagged as `HEALTHY`, `WARNING`, or `CRITICAL` based on attendance and enrollment activity.

Key Features:

- **Status Badges**: Visual indicators of health.
- **Filtering**: Easily filter list to show only "Critical" items for intervention.
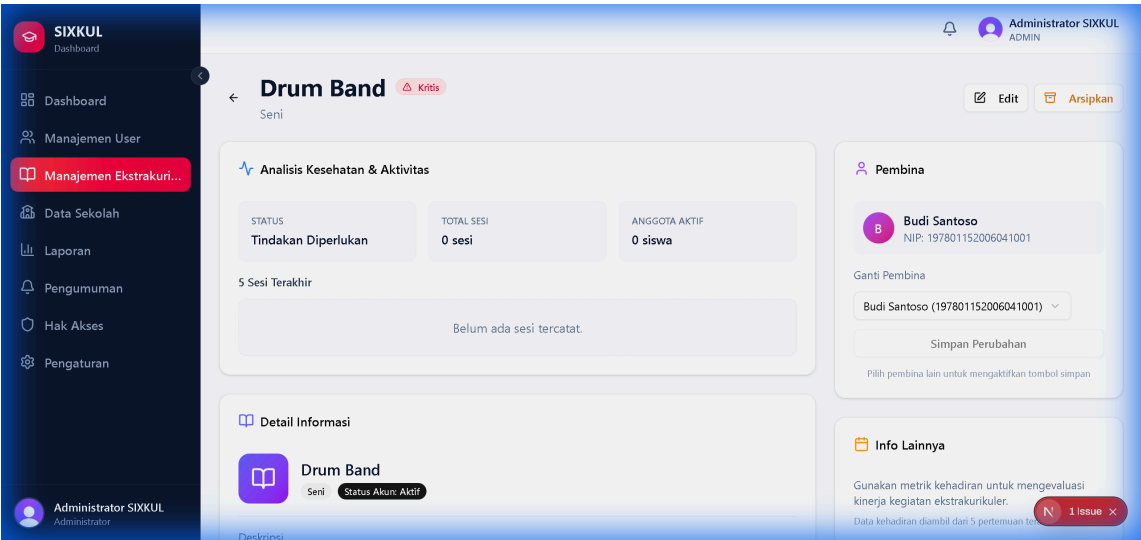- **Metrics**: Displays total members and active session counts.

3. Extracurricular Detail & Analysis

Page: `/admin/ekstrakurikuler/[id]`

A detailed analytical view for a specific extracurricular.

Key Features:

- **Deep Dive Metrics**: "Analisis Kesehatan & Aktivitas" card showing attendance rates for the last 5 sessions.
- **Context**: Shows active vs total enrolled members.
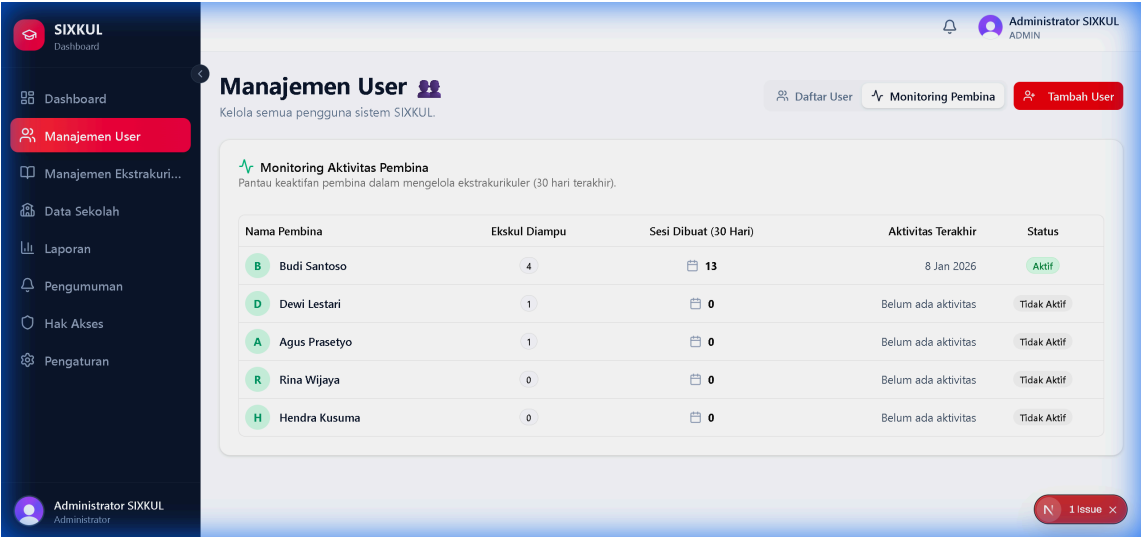- **Pembina Assignment**: View currently assigned staff.

4. Pembina Activity Oversight

Page: `/admin/users` (Tab: "Monitoring Pembina")

A dedicated view to track staff engagement and ensure extracurriculars are being managed actively.

Key Features:

- **Activity Tracking**: Shows exact date of last session creation.
- **Inactivity Flags**: Highlights pembinas with 0 sessions in the last 30 days.
- **Workload**: Shows number of assigned extracurriculars per staff member.

Verification

All features have been implemented and verified via automated E2E browser testing.

- ✅ Dashboard loads without errors and renders correct trends.
- ✅ Critical filters correctly isolate underperforming extracurriculars.
- ✅ Inactive pembinas are correctly flagged in the monitoring list.
- ✅ Navigation between tabs and details preserves state.