



AUTOLINIUM - DAILY REPORT

Date: February 28, 2026 | Phase: KPI Logic Engine (Day 3 Sprint)

Overall Completion:

55%



DAY 3 EXECUTIVE SUMMARY

Today was primarily a **Verification & Precision Day**. Before writing new code, a thorough re-review of the entire Product Requirements Document, KPI calculation rules, and database schema was completed. We successfully launched the live Admin Attendance Overview and deployed the first working version of the automated KPI Calculation Engine.





Today's Key Achievements

- **PRD & Schema Deep Audit:** Re-verified the KPI formula (9 categories) and leave flow against original requirements. Zero discrepancies found.
- **Admin Attendance Overview:** Launched live table at `/attendance` logging all real-time employee check-ins for the day.
- **KPI Calculation Engine:** Engineered `/api/kpi/status` route to auto-calculate Attendance and Timeliness KPIs using exact mathematical rules.
- **Infrastructure Debugging:** Identified and resolved a critical persistent cache issue silently blocking code execution.



MILESTONE PROGRESS

MILESTONE	STATUS	DETAILS
Database Core Engine	✓ Complete	PostgreSQL connections stable.
Attendance Verification	✓ Complete	Live check-in logs table active.
KPI Engine (Core)	✓ Complete	KPI 1 & 2 backend mathematical engine done.

MILESTONE	STATUS	DETAILS
Task & Leave Board	 Pending	Day 4 primary objective for workflow.
Role-Based Access	 Pending	Login gates for Admin/Employee.

VISUAL PREVIEW OF PROGRESS

UI Logic: Device-Responsive (Sidebar/Bottom-Nav)

Monitoring: Live Data Clock (1s Heartbeat)

Status: System_Ready // Dev_Sprint_Active

PLAN FOR TOMORROW (SHIFT 4)

- **KPI Score Card:** Visual display of KPI scores on the employee dashboard.
- **Task & Office Board:** Admin creates tasks, Employees mark as done.
- **Leave Request System:** Automated leave approval workflow.