

XERPIMUM

Ess

Enterprise Resource Planning

Complete integrated ERP solution for
ess industry

2000+

MODULES

AI

ASSISTANT

SaaS

/ ON
PREMISE

English Edition — brosur.xerpium.com

Employee Self-Service Mobile App

XERPIUM ESS is a cross-platform mobile app (iOS & Android) built on Flutter that gives employees self-service access to all HR services — check-in/out, leave requests, expense claims, overtime, payslips, loans, documents, to resignation — all from one app.

Home Dashboard

Greeting — Employee name + position, avatar with initials shown

Today's Attendance — Real-time check-in/out status today

Quick Actions — 4 quick buttons: Check In, Check Out, Leave, Expense

Menu Grid — 6 shortcuts: Attendance, Leave Request, Expenses, Timesheet, Office Map, BPJS

Bottom Navigation — 5 tab: Home, Attendance, Leave, Overtime, Profile

Dark/Light Toggle — Switch theme straight from the dashboard header

Liquid Glass Theme

Glassmorphism — Modern semi-transparent design with blur & subtle borders

Light Mode — Pastel gradient #E8EDF2 → #F4F6F9, slate blue text

Dark Mode — Dark gradient #111122 → #1A1D28, elegant white text

Primary Color — Teal/Emerald #06BEA0, gradient to #0AA08C

Material 3 — ColorScheme.fromSeed, native M3 components

Card Glass — Adaptive opacity (75% light, 50% dark) + border 0.4-0.5 alpha

Login & Autentikasi

Server URL — XERPIUM endpoint configuration (cloud/on-premise)

Database — Select target XERPIUM database

Email + Password — Log in with XERPIUM credentials

Token-based Auth — JWT/session token stored in app memory

Forgot Password — Link reset password

Splash Screen — XERPIUM ESS branding, "Get Started" button

Employee Profile

Avatar & Initials — Profile photo or name initials

Personal Data — Name, position, company, department

Contact — Work email, phone number — editable

BPJS — BPJS Health & BPJS Employment numbers

Edit Profile — Update work email & work phone directly

Menu Hub — 8 menus: Payslip, Loan, Salary Advance, Documents, Resignation, Announcements, Approvals, Edit Profile

Logout — Delete token, return to login screen

Attendance & Leave — Mobile-First

Check in/out straight from your phone, monthly attendance history, leave balance, leave requests — all with integrated approval workflow.

Attendance

Check In — Clock-in via mobile, sends latitude/longitude & photo (base64)

Check Out — Clock-out, geolocation & photo data saved

Real-time Status — Dashboard immediately shows "Present" / "Not Checked In" status

Local Time — Convert UTC to user timezone (Asia/Jakarta, WITA, WIT, etc.)

Monthly History — Full list with date, clock in/out time, late/present status

Summary Card — Total Present, Late, Days in a month

Late Detection — Automatic is_late flag per record

Leave Request

Leave Balance — Orange gradient card: remaining/max per leave type, taken

Multi Leave Type — Annual leave, sick, permission, maternity, collective leave

Leave Request — Form: select leave type, date from-to (date picker), reason

Validation — Leave type required, date from-to required, dateTo $\geq$ dateFrom

Leave History — Request list with status: Draft → To Approve → Approved → Refused

Status Workflow — 6 state: draft, confirm, validate1, validate, refuse, cancel

Cancel Leave — Cancel requests that are still pending

Expense Claims & Overtime

Employees submit expenses & overtime straight from their phone. Managers approve/reject from mobile. Everything is recorded in the XERPIUM backend.

Expense Management

Submit Expense — Form: description, amount (Rp), notes, date auto-filled with today

Receipt Upload — Attach receipt photo as base64 (receipt_base64 field)

Summary Dashboard — Total Rp, Pending count, Approved count

Expense History — Full list with color status: Draft, Submitted, Approved, Done, Rejected

Format Rupiah — Numbers formatted with thousand separators (1,000,000)

Workflow Approval — Draft → Submitted → Approved → Done (accounting posting)

Overtime

Overtime Types — Load overtime types from XERPIUM (workday, holiday, split shift)

Request Form — Select overtime type, date, notes

Overtime History — List: type, date, start-end time, duration (hours), status

Status Tracking — Draft → Confirmed → Done (gray → orange → green)

Automatic Duration — Overtime hours computed by the XERPIUM backend

Payslip Integration — Approved overtime flows into payroll calculation

Payslips, Loans & Advances

Employees access digital payslips, download PDFs, request loans & salary advances — all from mobile.

Payslip

Payslip List — List: period name, number, date from-to, gross, net

Detail Slip — Bottom sheet: gross amount, net amount, status, period

Download PDF — Open payslip PDF in a new tab (web) or download

Status — Draft / Done / Waiting / Rejected with green/orange colors

Format Rupiah — Gross & net formatted with thousand separators

Loans

Loan List — List with expansion tile: name, amount, balance, status

Installment Details — Number of installments, total paid, breakdown per month (date + Rp + paid status)

Request Form — Loan amount, tenor (months), reason

Default Tenor — 6 months, adjustable

Status — approve (green) / refuse + cancel (red) / pending (orange)

Auto Deduction — Installments automatically deducted from payslip (XERPIUM backend)

Salary Advance

Advance Payment List — List: name, amount Rp, reason, status

Request Form — Advance amount, reason

Status Tracking — approve / reject / cancel / pending

Salary Deduction — Automatically deducted from the next payslip (XERPIUM backend)

XERPIUM Backend Integration

Payslip — Data from XERPIUM hr.payslip, PDF generated server-side

Loan — hr.loan + installment schedule, auto accounting journal

Salary Advance — hr.salary.advance, deducted from next payslip

BPJS & Income Tax Art. 21 — All tax & BPJS calculations are done in the XERPIUM backend

Accounting — Automatic journals: salary expense, BPJS payable, income tax Art. 21 payable, cash/bank

Resignation, Documents, Announcements & Approval

Advanced HR features: resignation requests, document tracking with expiry alerts, company announcements, and manager approval — all from mobile.

Resignation

Request List — List: name, last day, status (approved/cancel/pending)

Request Form — Resignation reason, last working day (date picker), type

Resignation Type — Normal Resignation / Fired by Company

Workflow — Submit → Manager Approval → Exit Checklist (XERPIUM backend)

Auto Status Update — Employee status: Active → Resigned → Terminated

My Documents

Summary Dashboard — Total documents, Expiring (≤ 30 days), Expired

Expiry Tracking — Automatically calculate days remaining, flag: Valid / In Xd / Expired

Document List — Name, document type, issue date, expiry date

Detail View — Type, issued date, expiry date, attachment count, description

Color Coding — Green (valid), Orange (expiring ≤ 30 days), Red (expired)

Pull-to-Refresh — Refresh data with a pull-down gesture

Announcements

Announcement List — List: title, reference, date

Detail Popup — Title, reference number, issue date

Company-wide — Announcements from HR/management to all employees

Notifications — Notification icon in dashboard header

Approvals (Manager)

Pending Approvals — List of requests awaiting approval: leave & expense

Context per Item — Employee name, detail (leave dates / expense name)

Approve/Reject — Two buttons: green (Approve), red (Reject)

Multi-type — Support leave approval & expense approval

Instant Sync — Approve/reject immediately updates status in the XERPIUM backend

Workflow-aware — Multi-level approval (validate1 $\rightarrow$ validate) handled by backend

Technical Architecture & API

Flutter frontend + XERPIUM REST API backend. Clean, structured architecture, easy to customize.

Customization & Extensibility

Add New Screen — Create a folder in screens/, register it in the ProfileScreen menu hub

Add API — New method in ApiClient, call from screen

Change Theme — Edit constants.dart: kPrimaryColor, gradient, light/dark colors

Multi-language — Add Flutter localization delegate

Push Notification — FCM integration for approval notifications, announcements

Offline Mode — Add local DB (sqflite/Hive) for data caching

Deep Link — Open payslip PDF / approval straight from the notification

Biometric Auth — local_auth package for fingerprint/Face ID

☐ For Employees

Full self-service — No need to contact HR for routine matters

Transparansi — View leave balance, payslips, loan status in real time

Mobilitas — Check in, request leave, claim expenses from anywhere

Proactive notifications — Document expiry, announcements, approval status

Paperless — Everything digital, no printing/photocopying needed

For HR & Managers

Approval mobile — Approve/reject leave, expenses, overtime from your phone

Data terpusat — All HR transactions are recorded in the XERPIMUM backend

Automatic accounting — Auto-generated expense, payroll, loan journals

BPJS & Income Tax Art. 21 Compliance — All calculations comply with Indonesian regulations

Audit-ready — Full digital audit trail, ready for internal/external audit

For Business

Productivity — Cut HR admin time by up to 80%

Happy employees — Self-service = higher satisfaction & engagement

Low cost — Paperless, digital process, no additional infrastructure needed

Scale-ready — From 10 to 10,000+ employees, same architecture

ERP Integration — ESS is the entry point to the entire XERPIMUM ecosystem

For IT & Developers

Flutter cross-platform — One codebase for iOS, Android, Web

Clean architecture — Screen/service separation, easy to maintain

Standard REST API — JSON-RPC 2.0, easy to test with Postman/curl

Extensible — Add new features without major refactoring

Open source ready — Can be customized to internal needs

Xerpium ERP — xerpium.com

Contact us for a free demo

WhatsApp: +62 818-0918-2752 | @xerpium_id

Generated 2026-10-27