

XERPIMUM

Education

Enterprise Resource Planning

Complete integrated ERP solution for
education industry

2000+

MODULES

AI

ASSISTANT

SaaS

/ ON
PREMISE

English Edition — brosur.xerpium.com

K-12 School Information System Ecosystem

XERPIUM EDU is a complete ERP solution for K-12 schools (elementary/junior high/senior high/vocational) — covering new admissions, academic data, attendance, assessment & report cards, student affairs, academic calendar, Xendit payment gateway, student & parent portal, and AI for question & lesson plan generation.

Receiving Process

New Admission (PSB) Process — Admission definition per academic year, with waves & capacity

Prospective Students — NISN, NIS, place/date of birth, gender, blood type, religion, ethnicity

Parents — Father/mother/guardian data: education, occupation, income, status

Address — Province, city, district, village, postal code — tree selection

Documents — Upload file, document type (ID card, family card, certificates, diploma, photo, etc.)

Hobbies & Economy — Student hobbies, economic condition (poor/underprivileged/well-off)

Placement & Selection

New Admission Score — 5 custom value fields (names configurable per process), test values

Donations — 2 custom donation fields per process

Group — Admission waves with capacity & filled count

Placement — Draft → Open → Done: filter passing students, place into destination classes

Students Passed/Not Yet Passed — View automatically based on graduation status

Active Students — Placement done → siswa_kelas created → academic data active

□ Curriculum & Subjects

Subject — Mandatory/additional subjects, code, linked to teacher & report card grades

Subject Teacher — Teacher + subject assignment per semester, decree (SK), effective date

RPP — Learning program plan with weights per level & semester

KKM — Minimum Completion Criteria (KKM) per subject, level, academic year

Test Type — Midterm, final, quiz, assignment, practical — per subject

Assessment Aspects — Affective, cognitive, concept understanding, psychomotor, practice

AI RPP — Generate draft RPP via GPT model (deepseek-chat)

□ Assessment & Report Cards

Assessment — Draft → Open → Done: enter grades per student, per lesson plan, multiple test types

Grade Details — Weight, date, notes per entry — average value automatic

Weight — Calculation rules: quiz/assignment/practical/midterm/final with % weight, draft→verified

Grading — A 90-100, B 80-89, C 70-79, D 60-69, E 0-59 — configurable

Report Card Grades — Draft → Open → Done: compute final numeric + letter grade automatically

Comments — Subject & attitude (spiritual/social) comments with predicate & score range

AI Questions — Generate questions via GPT, link to survey for online exams

Attendance

Class Attendance — Draft → Open → Done: per month, per class, status present/sick/excused/absent/leave

Subject Attendance — Per session: per subject, per teacher, period, material, teacher notes

Detail — Recap per student: present, sick, excused, absent, leave counts — computed automatically

Number of Active Days — Automatically calculate effective school days per month

Manual / Auto — Search students button → auto-populates all students in the class

Calendar & Schedule

Academic Calendar — Events per date: national holidays, exams, report card distribution

Jam Belajar — Definition of period 1 to N with start & end times

Class Schedule — Day + time + subject + teacher per class — complete scheduling

Teacher Schedule — View per teacher: subject, class, day, time — automatic recap

Teacher Schedule Recap — Draft → Open → Close: calculate total teaching hours per teacher

Day — Monday to Saturday, configurable

Student Affairs

Class Transfer — Draft → Open → Done: select students, origin to destination, bulk move

Grade Promotion — Draft → Open → Done: filter promoted/retained students, auto placement

Student Transfers — Draft → Done: expelled, resigned, deceased, school transfer

Graduation — Draft → Open → Done: determine pass/fail, print transcript

Transcript of Grades — Draft → Open → Done: total grade, average, per semester

Mail Thread — All processes are logged in the chatter for audit trail

☐ Payments & Xendit

Payment Gateway — Xendit integration: public key, secret key, webhook token

Invoice Creation — Create invoice via Xendit API v2, payment redirect URL

Webhook — PAID → done + auto-reconcile + email; PENDING → pending; EXPIRED/FAILED → cancel

Transaction — Link ke account.move, invoice URL di form

Recurring — Monthly tuition, education fees, re-registration

Multi-Payment — QRIS, virtual account, credit card via Xendit

☐ Student Portal

Home — Student dashboard: schedule, latest grades, announcements

Academic — View class schedule, attendance, grades

Tasks — Task list from teachers, upload answers

Grade — Grade history per subject, online report card

Attendance — Attendance recap per month

Pesan — Communication with teachers & homeroom teacher

☐ Parent Portal

Home — Dashboard: child's schedule, attendance, invoices

Schedule — View the child's daily class schedule

Attendance — Attendance recap: present, sick, excused, absent

Grade — Child's grades & report card per semester

Invoices — Tuition invoice & payment list, pay online via Xendit

Statistik — Chart of grade & attendance progress

Prospective Students — Register for new admissions (PPDB) for siblings/other children

Pesan — Chat with teachers & school

Teacher Data

Employee Extended — From hr.employee: NIP, NUPTK, NRG, front/back titles, nickname

Gender — Male/female, place/date of birth, marital status, ID number

Religion & Ethnicity — Religion and ethnicity from master data

Bagian — Department/division: subject teachers, part-timers, assistants, administration, etc.

Teacher Status — Subject teachers, part-timers, assistants — configurable

Start Date — Start date of work, notes

Teaching Load

Subject Teacher — Assignment per semester: teacher + subject + decree (SK)

Teacher Schedule — View schedule per teacher: class, day, time, subject

Hours Recap — Total teaching, assistance, additional hours per period

Subject Attendance — Teacher attendance per session, notes, hours count

RPP — Learning program plan per teacher & subject

Gallery & Demo Videos



XERPIUM Education Demo

▶ youtube.com/watch?v=_7Ur2JoRkXU

Xerpium ERP — xerpium.com

Contact us for a free demo

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Generated 2026-10-27