

ERP + LMS ER Diagram (Textual Overview)

Core

- users (user_type_id -> user_types.id, department_id -> departments.id)
- user_types
- departments
- employees (user_id -> users.id)
- students (user_id -> users.id)

Academic

- programs
- semesters (program_id -> programs.id)
- subjects (semester_id -> semesters.id)
- timetables
- attendance_students

LMS & SCORM

- courses (program_id -> programs.id)
- course_enrollments (user_id -> users.id, course_id -> courses.id)
- scorm_packages (course_id -> courses.id)
- scorm_scos (package_id -> scorm_packages.id)
- scorm_attempts (user_id -> users.id, sco_id -> scorm_scos.id)

HR & Finance

- employees
- payroll (employee_id -> employees.id)
- ledgers
- fin_transactions (ledger_id -> ledgers.id)

Hostel & Library

- hostels
- rooms (hostel_id -> hostels.id)
- hostel_allotments (student_id -> students.id, room_id -> rooms.id)
- books
- book_issues (book_id -> books.id, user_id -> users.id)