

Student Management System

1. Student Profiles

Description: Academic records and contact info

Screens: Student Dashboard, Profile Editor, Academic History

Interaction:

- Students: View personal info → edit contact details → save changes
- Admins: Search student → view full profile → update records
- Auto-generates student ID cards with QR codes

2. Course Registration

Description: Enroll in classes

Screens: Course Catalog, Registration Wizard, Conflict Checker

Interaction:

- Browse available courses → add to cart → submit selections
- Real-time alerts for schedule conflicts/prerequisites
- Advisor approval workflow for restricted courses

3. Attendance Tracking

Description: Daily class participation logs

Screens: Attendance Sheet, QR Code Scanner, Absence Notes

Interaction:

- Teachers: Scan student IDs/mark present → submit daily record
- Students: Submit absence excuses with documentation
- Generates attendance percentage reports

4. Gradebook

Description: Record and calculate student grades

Screens: Grade Entry Grid, Curve Calculator, Final Grades

Interaction:

- Teachers: Enter scores → auto-calculates weighted totals
- Students: View current grade → see assignment feedback
- Export grades to institutional systems

5. Timetable View

Description: Class schedule calendar

Screens: Weekly Calendar, List View, Room Finder

Interaction:

- Color-coded by subject → click for class details
- Sync to personal calendars (Google/Outlook)
- Mobile view shows "Next Class" countdown

6. Fee Payment Tracking

Description: Tuition payment records

Screens: Invoice Dashboard, Payment Portal, Receipts

Interaction:

- View balance → select payment method → confirmation
- Automatic late fee calculations
- Payment history export for tax purposes

7. Parent Portal

Description: Parents view child's progress

Screens: Parent Dashboard, Activity Alerts, Messaging

Interaction:

- Link multiple children to one parent account

- Real-time notifications for grades/attendance
- Secure messaging with teachers

8. Teacher Assignments

Description: Manage class workloads

Screens: Teaching Schedule, Workload Calculator

Interaction:

- Department heads assign courses to teachers
- Visual overload warnings when exceeding capacity
- Substitute teacher assignment interface

9. Report Generation

Description: Create progress reports

Screens: Report Builder, Template Library, Batch Export

Interaction:

- Select students → choose template → generate PDF
- Customizable comment banks for teachers
- Mass-print for parent-teacher meetings

10. Document Upload

Description: Submit assignments/files

Screens: Submission Portal, File Viewer, Turnitin Check

Interaction:

- Drag-and-drop files → add comments → submit
- Plagiarism check results for teachers
- Version history for resubmissions