# **🏫 EDUCATION MANAGEMENT SYSTEM – FULL FEATURE LIST**

## **🔹 STUDENT SECTION**

### **🎓 Admissions & Enrollment**

* **Online Admission System**:
* Digital admission forms with document uploads
* Auto-generated application IDs
* SMS/Email alerts/ notification for admission status for both parties.
* Application tracking dashboard
* Integrated payment for registration fee & seen for Fee amount when start application form fillup.
* Automated merit list generation
* Get notification through mail/ sms after completing the admission.
* **Admission Register**: Maintain digital records of all admitted students.
* **Admission Reports**: Generate detailed insights on admissions per term/year & Class/ grade wise.
* **CRM Integration**: Capture leads from marketing sources and websites.
* **Admission Inquiry Tracking**: Log and follow up on pre-admission interest.
* **Pre-admission Interview Scheduling**: Assign and manage interview slots.

### **👤 Student Profile & Personalization**

* **Student Profile**: Bio-data, guardian details, medical history, academic and attendance records.
* **Student Portal**: Personal dashboard showing courses, timetable, grades, dues.
* **Student Health Records**: Vaccination, allergies, medical notes.
* **Student Behavior & Disciplinary Log**
* **Student Birthday Notifications**: Automatic reminders and wishes.
* **Student Document Vault**: Academic certificates, ID proof, TC, etc.

### **📚 Academic & Subject Management**

* **Class & Section Setup**: Define and manage batches by standard & section.
* **Academic Year Management**: Configure academic calendars.
* **Medium & Division Configuration**
* **Class Timetable Management**: Drag & drop interface, conflict checker.
* **Subject Management**: Core, elective, optional subjects.
* **Grading System Configuration**: GPA, letter grade, percentage support.
* **Notice Board**: School or class-specific announcements.
* **Lesson Plan & Syllabus Tracker**

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### **🧪 Learning & Assessment**

* **Homework Assignment**
* **Online Quiz/Test Generator**
* **Plagiarism Checker Integration**
* **AI-Based Adaptive Learning Recommendations**
* **Learning Resource Bank**: Share notes, videos, slides.
* **Gamification**: Points, badges, leaderboards.

### **📝 Examination & Evaluation**

* **Exam Timetable Scheduling**
* **Exam Types & Patterns**
* **Digital Answer Sheet Uploads**
* **Automated Result Generation**
* **Report Cards (PDF) (Flexible method)**
* **Student Performance Analytics**
* **Parent/Student Result Notifications**
* **Teacher Evaluation by Students**

### **💰 Fees & Finance (Student-Facing)**

* **Fee Heads And Structure Builder (**Tuition, Transport, Admission etc.**)**
* **Fee Waiver / Scholarship Management**
* **Fee Receipt Generation & Download**
* **Online Payment Gateway**
* **Fee Payment Notifications**
* **Fee Due Notifications (SMS/Email/App)**
* **Fee Defaulter Analytics**
* **Searching with Student ID**

### **📅 Attendance & Scheduling**

* **Biometric / RFID / Face Recognition Integration**
* **Guardian Notification on Student Attendance:** Automatic message sent to guardian for present/absent status.
* **Manual & Auto Attendance Modes**
* **Daily, Weekly, Monthly Reports**
* **Leave Request & Tracking**
* **Holiday Calendar Sync**

### **📖 Library & E-Learning**

* **Book Issue/Return Management**
* **Overdue Alerts & Fine Tracking**
* **E-Learning Platform**: Access videos, files, and assessments.
* **Digital Library Integration**

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### **🚌 Hostel & Transport**

* **Room Allocation & Availability**
* **Hostel Inventory Management**
* **Bus Route Planner**
* **Real-Time Bus Tracking (GPS)**
* **Driver Assignment Logs**

### **📱 Parent & Student Engagement**

* **School Branded Mobile App**
* **Push Notifications for Events, Results, Fees**
* **Parent Feedback System**
* **Parent-Teacher Meeting Scheduling**
* **Surveys & Feedback Collection**
* **Newsletter Distribution**

### **👥 Alumni & Community**

* **Alumni Directory**
* **Mentorship Matching**
* **Fundraising / Donation Portal**
* **Volunteer Tracking**

## **➖ Dropout Management**

* **Dropout Register: Maintain detailed records of students who discontinued**
* **Dropout Reason Logging: Capture academic, financial, or personal reasons for leaving**
* **Dropout Analytics: Trend analysis and predictive indicators**
* **Re-enrollment Workflow: Support for rejoining students including approval and documentation**
* **Exit Interview Module: Feedback collection before dropout**
* **Parental Notification System: Auto alerts when dropout risk is detected.**
* **Dropout Report**

## **🔷 EMPLOYEE / STAFF SECTION /HR**

### **🧑‍🏫 Employee Profile & HR**

* **Employee Profile Management**: Personal, academic, and employment history.
* **Document Vault**: Store CVs, certificates, contracts.
* **Digital ID And ID Card Generation**
* **Employee Onboarding & Offboarding**: Checklists, asset tracking, documentation.
* **Employment Contract Management**
* **Probation Period Monitoring**
* **Employee Birthday Notifications**
* **Leave Management**: Application, approval workflow, and balance view.
* **Custom Leave Types (Sick, Earned, Casual, etc.)**

### **🧮 Payroll & Compensation**

* **Auto Salary Calculation** (Based on attendance, shift, bonuses)
* **Salary Slip Generation & History**
* **Incentive & Bonus Disbursement**
* **Tax Deduction (TDS), PF & ESI Compliance**
* **Reimbursement Claim Management**
* **Posting with Employees (partner) name)**
* **Searching by Employees ID**

### **🕒 Attendance & Shift Management**

* **Staff Attendance (Biometric/Manual)**
* **Shift Scheduling**
* **Overtime Tracking**
* **Leave Calendar & Absence History**
* **Late Arrival Reports**
* **Leave a report.**

### **🧾 Academic Contribution**

* **Class Assignments & Time Allocation**
* **Lesson Plan Submission**
* **Exam Paper Creation & Evaluation**
* **Student Evaluation Entry**
* **Co-curricular Activity Involvement**

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### **💬 Communication & Collaboration**

* **Internal Messaging System**
* **Department-wise Chat Groups**
* **Staff Announcements Board**
* **Meeting Scheduler**
* **Teacher Feedback from Students**

### **🛠️ Operations & Maintenance**

* **Asset Tracking**: Computers, lab equipment, projectors, etc.
* **Maintenance Schedule & History**
* **Cafeteria Management**: Menu planning, meal pre-orders, payments.

## **🔧 COMMON FEATURES (APPLIES TO ALL USERS)**

### **🤖 AI & Support**

* **AI Chatbot (Student/Parent FAQs)**
* **Automated Timetable Generation**
* **Predictive Analytics (Dropout Risk, Academic Decline)**
* **Ticket-Based Helpdesk System**

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### **🔐 Security & Compliance**

* **Role-Based Access Control (RBAC)**
* **Audit Logs for All Actions**
* **Auto Backup & Restore**
* **GDPR / National Education Data Compliance**
* **Data Encryption & Cloud Hosting**

### **🔗 Integrations & Customization**

* **WhatsApp, Email, SMS Integration**
* **Theme & Color Customization**
* **Multi-language Support**
* **Login Page & Certificate Template Customization**

## **✅ Additional Modules**

* **Student Certificate Generator (TC, Bonafide, etc.)**
* **Staff Experience / Salary Certificate Builder**
* **Custom Report Designer (Drag & Drop)**
* **Analytics Dashboard for Admins & Principals**
* **Real-time Activity Logs**

1. **Pathshala** [**Link**](https://pathshalasoft.com/)
2. **Edufy** [**Link**](https://edufy.com.bd/blog/best-school-management-software-in-bangladesh-a-comprehensive-guide-for-2025)
3. **Orangesoft bd** [**Link**](https://orangesoftbd.com/school-management-software-in-bangladesh/)
4. **School360** [**Link**](https://school360.com.bd/)
5. **Smartsoftware** [**Link**](https://www.smartsoftware.com.bd/school-management-software?srsltid=AfmBOorlBug6-p8N5cPTdXAEqaZ_ciFFWmOTxMK5ZJXnFkQIBto78hMq)
6. **Geniusedusoft** [**Link**](https://www.geniusedusoft.com/global-education-erp-system/bangladesh-school-management-software.html)