1. Introduction – School Management System

2. Target Users

- Students: Enrolled students of the school.

- Teachers: Faculty members responsible for delivering education.

- Parents/Guardians: Legal guardians of the students.

- Administrators: School management, including principal and administrative staff.

- Accountants: Staff responsible for managing school finances.

- Librarians: Staff managing the school library.

- System Admins: IT personnel managing the technical aspects of the system.

3. Key Features

3.1 User Registration & Authentication

- Role-Based Access: Different levels of access for students, teachers, parents, and admins.

- Single Sign-On (SSO): Integration with SSO providers for easy login.

- Multi-Factor Authentication (MFA): Enhanced security for sensitive roles.

3.2 Student Information Management

- Student Profiles: Manage student personal details, academic history, and contact information.

- Enrollment Management: Handle student admissions, class assignments, and promotions.

- Attendance Tracking: Daily attendance records, with options for manual and biometric input.

- Performance Management: Record and analyze academic performance, grades, and report cards.

- Disciplinary Records: Manage and track disciplinary actions taken.

3.3 Teacher Management

- Teacher Profiles: Store details about teachers, including qualifications, subjects taught, and contact information.

- Class Scheduling: Assign teachers to classes and subjects, manage timetables.

- Attendance & Leave Management: Track teacher attendance, manage leave requests, and approvals.

- Performance Appraisal: Monitor teacher performance, conduct evaluations, and store appraisal records.

3.4 Parent/Guardian Portal

- Student Progress Monitoring: Access to student grades, attendance, and behavior records.

- Communication: Messaging system for parent-teacher communication, including alerts and notifications.

- Payment Management: View and pay school fees, track payment history.

- Event Management: Information about school events, parent-teacher meetings, etc.

3.5 Academic Management

- Curriculum Management: Define and manage the curriculum, course structures, and syllabi.

- Timetable Management: Generate and manage class schedules for students and teachers.

- Examination Management: Plan and conduct exams, manage question papers, invigilation, and grading.

- Gradebook: Automated grade calculation, report card generation, and result publishing.

- Homework & Assignments: Assign, submit, and grade homework and assignments online.

3.6 Administrative Management

- Admission Management: Online application, admission tests, interview scheduling, and final selection.

- Fee Management: Define fee structures, generate fee receipts, and manage dues.

- Transport Management: Manage school transport routes, vehicle details, and student transport assignments.

- Inventory Management: Track and manage school inventory, including textbooks, uniforms, and other materials.

- Event & Calendar Management: Schedule and manage school events, holidays, and academic calendar.

3.7 Library Management

- Catalog Management: Maintain a database of books, journals, and other resources.

- Issuing & Returning: Manage book issuance, returns, and late fee collection.

- Reservation System: Allow students and teachers to reserve books.

- Library Card Management: Issue and manage library cards for students and staff.

3.8 Financial Management

- Budgeting & Forecasting: Manage school budgets, forecast expenses, and revenues.

- Accounting: Track income, expenses, and manage general ledgers.

- Payroll Management: Calculate and distribute salaries, manage deductions, and generate payslips.

- Audit Reports: Generate financial reports for auditing purposes.

3.9 Communication & Notification

- Messaging System: Internal messaging system for communication between students, teachers, and parents.

- Notifications & Alerts: Send SMS, email, or in-app notifications for important updates.

- Circulars & Announcements: Publish school-wide announcements, circulars, and news.

3.10 Reporting & Analytics

- Customizable Reports: Generate custom reports based on attendance, grades, finances, etc.

- Data Analytics: Analyze student performance, teacher efficiency, and financial health.

- Dashboards: Visual dashboards for quick insights into key metrics.

stories, and wireframes as required.