

School Manageme nt System

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What is a School ERP System?

A School ERP System is a software application to manage school activities such as:

Attendance Student information Fees

Exams Timetables Teacher records

Core Modules Overview

- 1. Authentication
- 2. Dashboards
- 3. Student Management
- 4. Teacher Management
- 5. Class & Section Management
- 6. Attendance
- 7. Fee Management
- 8. Timetable
- 9. Examination & Results
- 10. Notices
- 11. Library (Optional)
- 12. Transport (Optional)

Authentication & Dashboards

Login for Admin, Teachers, Students, Role-based access

Admin: Stats, Attendance Teacher: Assigned Classes, Attendance Student: Notices, Assignments, Results

Student & Teacher Management

Student:

- Add/Edit/View details
- Document upload
- Search by class/name/ID

Teacher:

- Add/Edit profiles
- Assign to classes/subjects
- Schedule management

Class, Attendance, Fee Modules

Class & Section:

- Create classes and assign subjects

Attendance:

- Daily marking
- Reports and history view

Fees:

- Structure setup
- Receipt generation
- Due reminders

Timetable & Examination Modules

Timetable:

- Assign class schedules
- Weekly view
- Student Attendance as per the class

Exams & Results:

- Schedule exams
- Record marks
- Generate report cards

Notices, Library, Transport Modules

Notice Board:

- Add/display notices
- Internal messaging

Library:

- Book management
- Issue/return tracking

Transport:

- Vehicle and route management
- Driver details

Technology Stack Suggestions

Frontend:

- HTML, CSS, JavaScript

- React.js / Vue.js /Vite

Bootstrap for CSS

Backend:

- Node.js, Express.js

Database:

- MongoDB

Authentication:

- JWT or session-based login

Database Schema Overview

- students, teachers, classes, subjects
- attendance, fees, exams, results, timetable, admin users

Features by User Role

Admin:

- Manage teachers/students, set timetable, send notices

Teacher:

- Mark attendance, enter marks, view classes

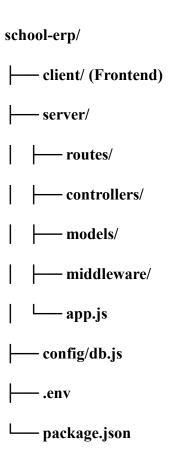
Student:

- View timetable, check results, pay fees, receive notices

Optional / Advanced Features

- SMS/Email notifications
- Attendance system for both teachers and students
- Chat system
- Google Calendar sync
- Firebase real-time updates of a student day by day

Sample Folder Structure (School-ERP)



Thank You Everyone....