

WEB-BASED SCHOOL ADMINISTRATION SYSTEM

A

PROJECT PRESENTATION

SUBMITTED

IN PARTIAL FULLFILLMENT FOR THE AWARD OF THE DEGREE OF

BACHELOR OF TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY



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OUTLINES OF PRESENTATION

- Introduction
- Problem Statement
- Literature Review
- Implementation Details
- Features and Functionality
- Testing and Evaluation
- Results and Analysis
- Future Work
- Conclusion



INTRODUCTION

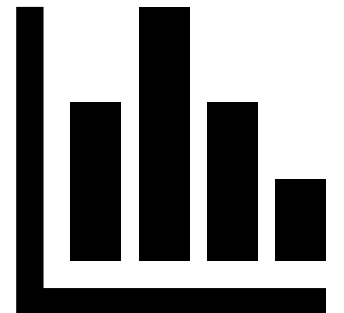
- Centralized, web-based system for school administration
- Objective: streamline operations like student records, attendance, timetables
- Importance: Improves efficiency and reduces manual errors





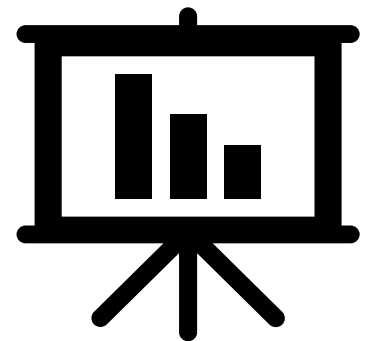
PROBLEM STATEMENT

- Many schools still use manual or outdated systems
- Leads to inefficiency, data errors, and lack of accessibility
- Need for a centralized, digital solution



LITERATURE REVIEW

- Tools like Fedena and OpenSIS exist
- Challenges: cost, complexity, lack of customization
- Gap: lightweight, customizable, user friendly system



IMPLEMENTATION DETAILS



Provide a Platform

Web platform for admins, teachers, and students

Technologies Used

- Frontend: HTML, CSS, JS, React
- Backend: MongoDB, NodeJS

Modules:

- Student records, attendance, grades, timetable

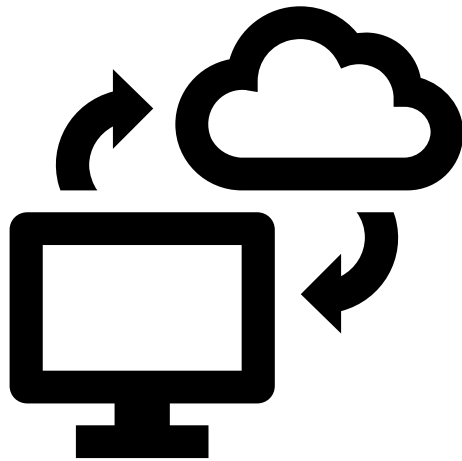
Tools:

- VS Code,
- XAMPP

Challenges:

user access levels; solved with role-based logins

FEATURES & FUNCTIONALITIES



The 3 main targeted components and there working:

Admin:

- manage students, teachers, subjects
- Future Maintenance of the system

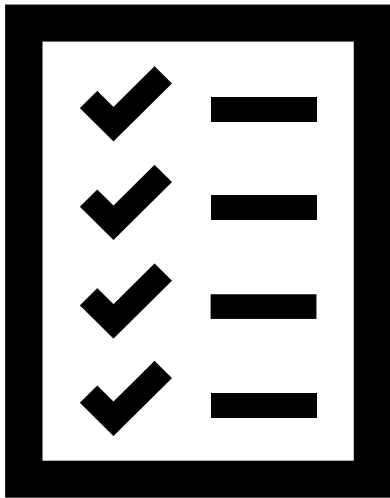
Teacher:

- Mark attendance
- Enter grades

Student:

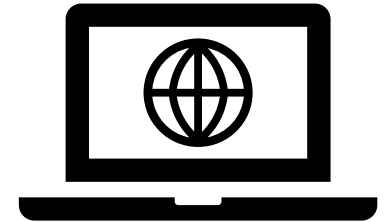
- view timetable, attendance, grades

Testing and Evaluation



- Unit testing for each module
- Integration testing for data flow
- Results: all test cases passed, system worked across devices

— RESULTS AND ANALYSIS



Successfully handled data for 50+ students

Admin tasks reduced from hours to minutes

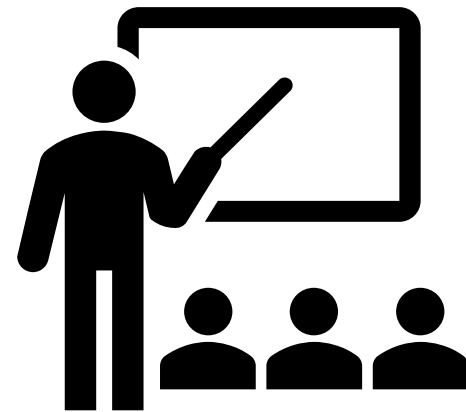
60% efficiency improvement over manual methods

— Future Work

Develop mobile app version

Add SMS/email notifications

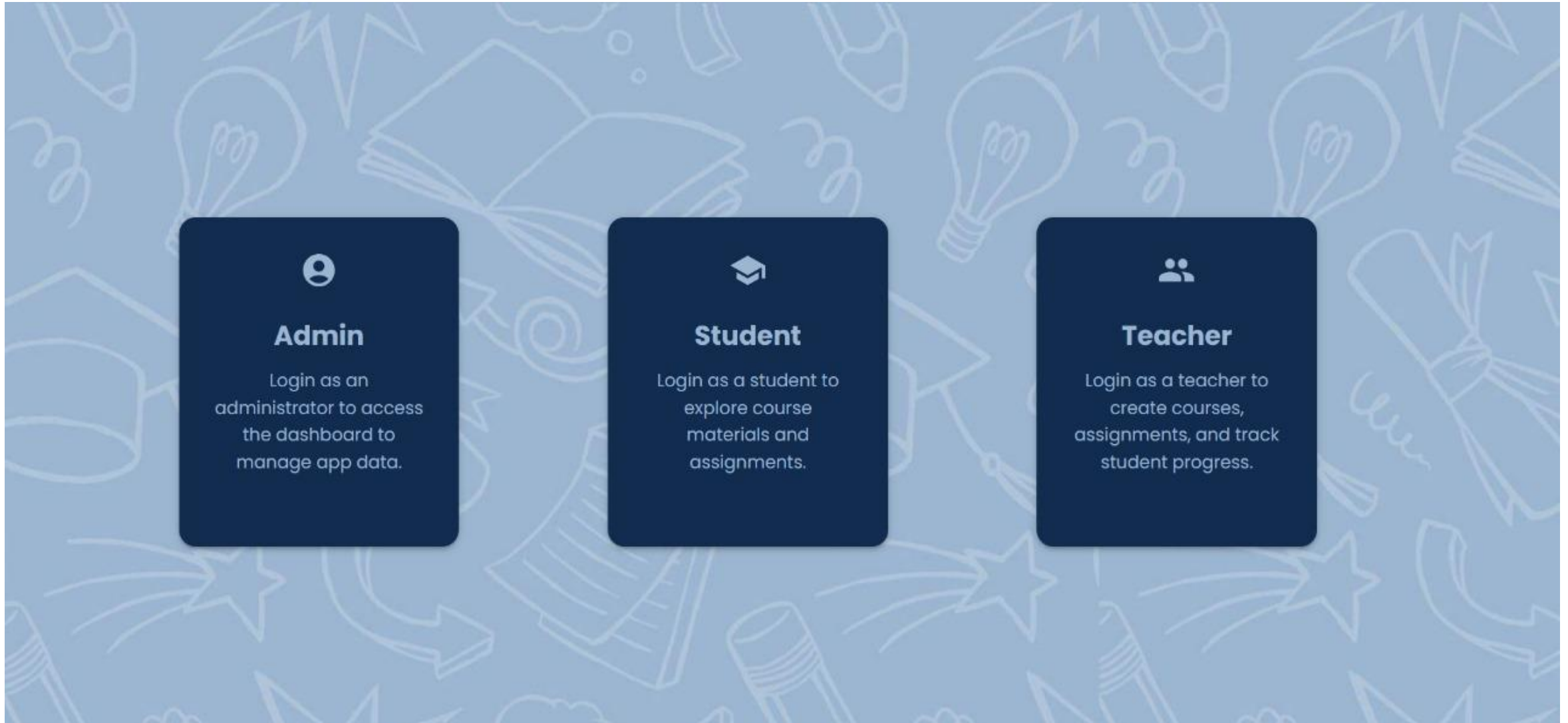
AI-based performance tracking insights



CONCLUSION

- Built a scalable and efficient school admin system
- Improved accuracy and reduced workload
- Gained hands-on experience in full-stack development

Screenshots of the Project



Admin Login

Welcome back! Please enter your details

Enter your email *

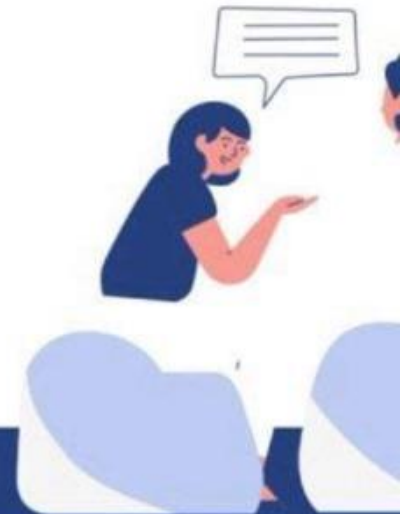
Password *

☐ Remember me

[Forgot password?](#)

LOGIN

[Don't have an account? Sign up](#)





HOME



CLASSES



SUBJECTS



TEACHERS



STUDENTS



NOTICES



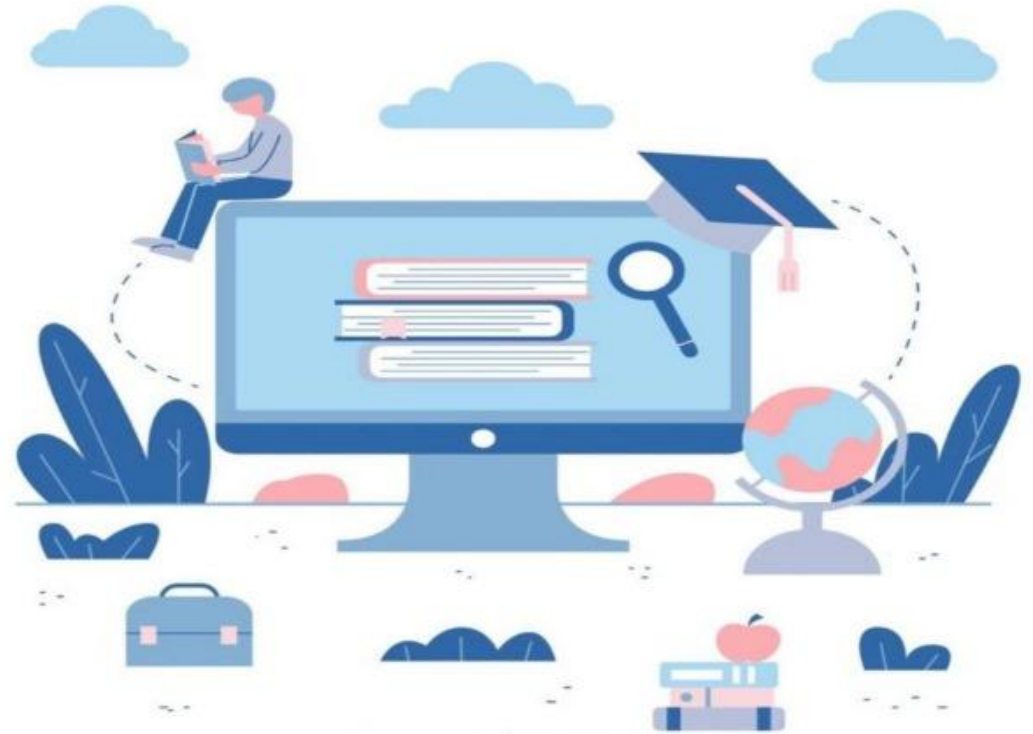
Complains

WELCOME TO SCHOOL ADMIN SYSTEM

Streamline school management, class organization, and add students and faculty. Seamlessly track attendance, assess performance, and provide feedback. Access records, view marks, and communicate effortlessly.

LOGIN

Don't have an account? [Sign up](#)





ABOUT US

Welcome to Eudora, a modern, intuitive, and powerful school management system designed to streamline administrative tasks, enhance communication, and improve the overall efficiency of educational institutions.

At Eudora, we believe that managing a school should be effortless, so educators can focus on what truly matters—teaching and nurturing students. Our platform integrates all essential school operations into one seamless, cloud-based solution, making daily tasks faster, smarter, and more secure.

Eudora was built to empower schools with technology that saves time, reduces costs, and improves productivity. We combine innovation with reliability to help educational institutions thrive in the digital age.



Class Name

Actions

12



VIEW

Add +

11



VIEW

Add +

10



VIEW

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9



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8



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