

AcademiaPlus

An Academic Management System.....

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Introduction

An Academic Management System is a digital platform designed to optimize the administrative and academic functions of educational institutions.

Problem Statement

- 1. Attendance Management**
- 2. Marks Management**
- 3. Class Managemet**

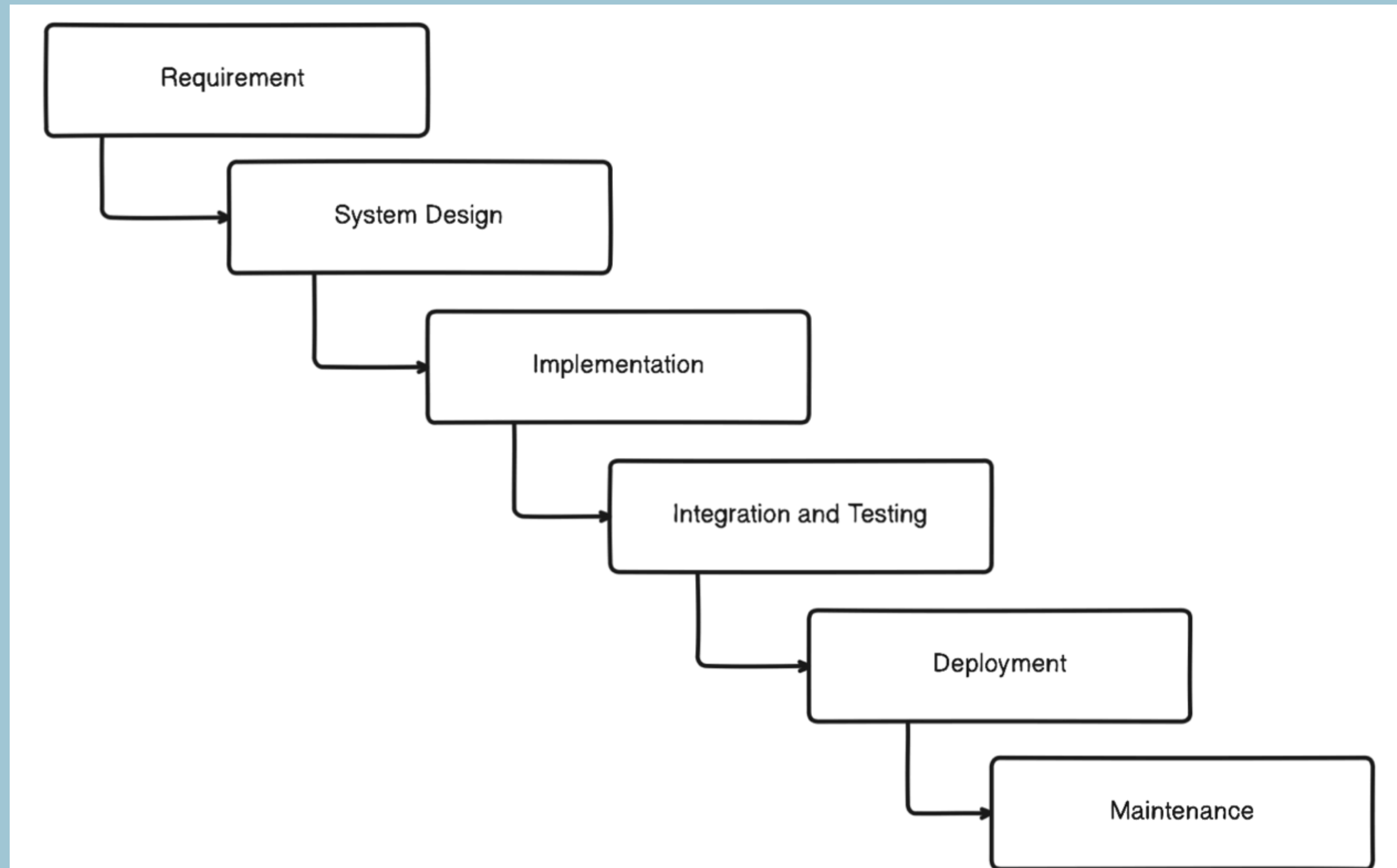
Objectives

- Enhance attendance tracking with an automated system for teachers and students.
- Simplify class scheduling through a centralized routine management feature.
- Provide transparent marks handling for students to access grades and feedback.

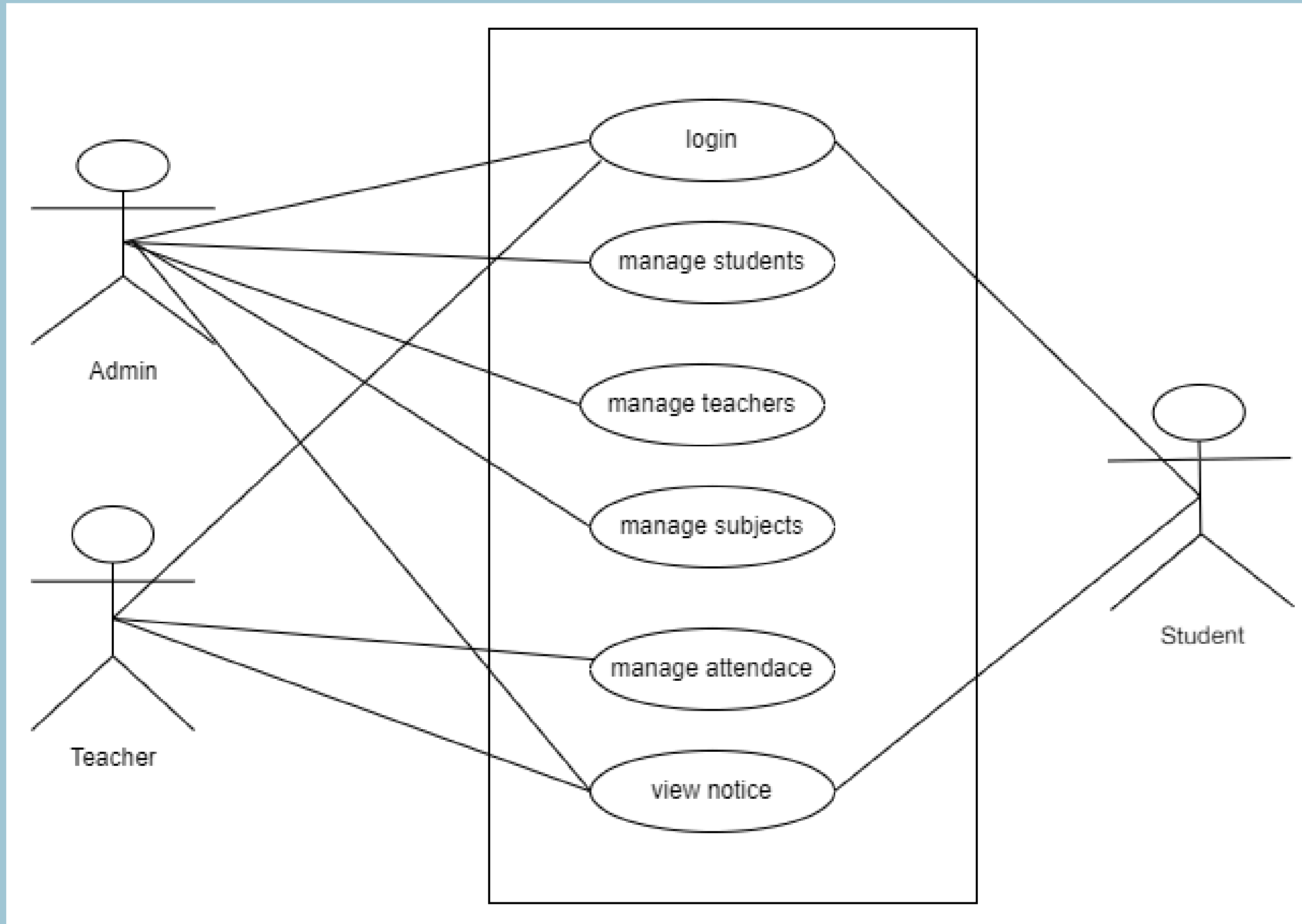
Limitations

- Technical Constraints: Potential server downtime and software bugs.
- User Adaptation: Users may struggle to adapt to the new system.
- Data Security Risks: Possibility of data breaches despite security measures.
- Scalability Issues: Performance may degrade with a growing user base.

Methodology



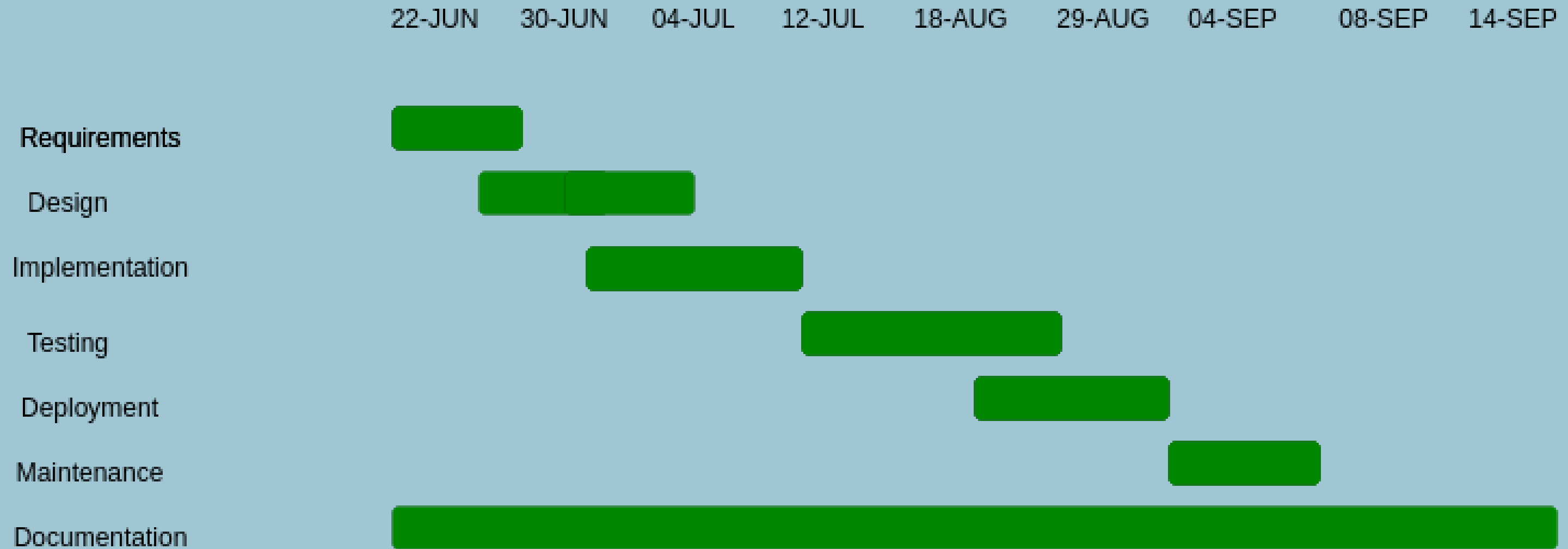
UseCase



Tools Used

Frontend	React, Material-Ui, Redux
Backend	Node.js, Express.js
Database	MongoDB(NoSQL databae)

Gantt Chart



Conclusion

The development of an Academic Management System using modern technologies like React, Node.js, Express, MongoDB, and JWT authentication provides an efficient, scalable, and secure solution for managing the various aspects of academic institutions.

Screenshots

Dashboard (Admin)

The screenshot displays an 'Admin Dashboard' for an 'Academic Management' system. The browser window shows the URL 'localhost:3000'. The dashboard features a sidebar with navigation links: Home, Classes, Subjects, Teachers, Students, Notices, and Complain. The main content area includes three summary cards for 'Total Students' (2), 'Total Classes' (1), and 'Total Teachers' (1). Below these is a 'Notices' section with a table listing a notice about 'System Design Training' dated '2024-09-22'.

Title	Details	Date
System Design Training	System Design Training Notice: Dive into the architecture behind large-scale systems like Netflix, covering topics such as scalability, fault tolerance, and microservices. Open to all students interested in advanced system design skills. Please register by the deadline. For more details, visit the college office.	2024-09-22

Add a little bit of body text

Dashboard (Student)

Word | Microsoft 365

Mid.docx

Academic Management

localhost:3000

Admin Dashboard

Home

Classes

Subjects

Teachers

Students


Notices

Complains

User


Profile

Logout




Total Students

2



Total Classes

1



Total Teachers

1

Notices

Title	Details	Date
System Design Training	System Design Training Notice: Dive into the architecture behind large-scale systems like Netflix, covering topics such as scalability, fault tolerance, and microservices. Open to all students interested in advanced system design skills. Please register by the deadline. For more details, visit the college office.	2024-09-22

Admin Register

Word | Microsoft 365

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Academic Management x

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localhost:3000/Adminregister

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Admin Register

Create your own school by registering as an admin.
You will be able to add students and faculty and manage the system.

Enter your name *

Create your school name *

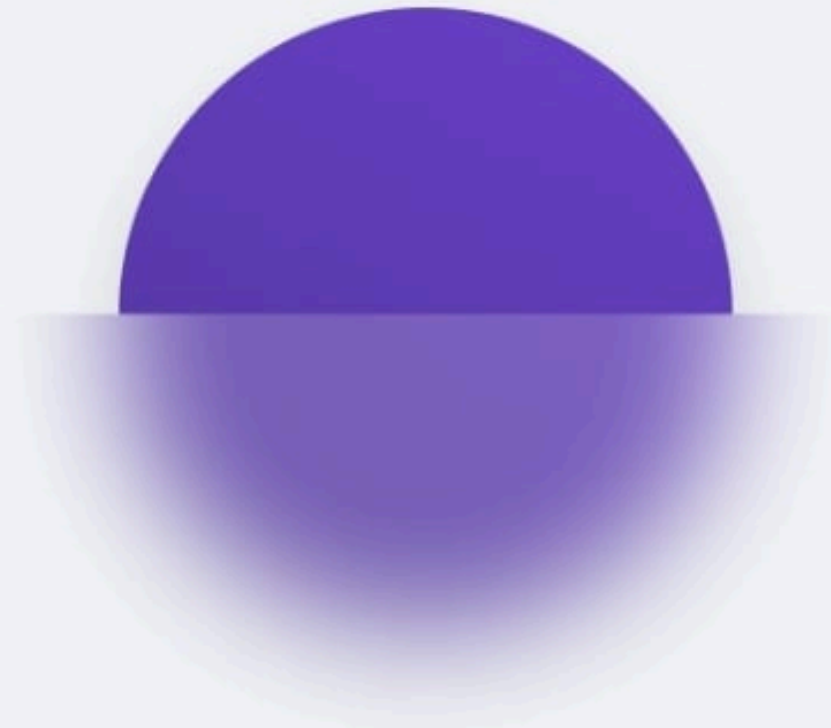
Enter your email *

Password *

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☐ Remember me

REGISTER



Admin Login

Word | Microsoft 365

Mid.docx

Academic Management

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Admin Login

Welcome back! Please enter your details

Enter your email *

Password *

👁️

☐ Remember me

[Forgot password?](#)

LOGIN

Don't have an account?

[Sign up](#)

