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**Project name:**

**Student Data Management System**

**Project Requirements for student data management system**:

**1. Features and Functionalities:**

- User authentication for students and administrators.

- Student profile management (personal information, courses enrolled, etc.).

- Course registration and enrollment functionality.

- Grade tracking and result display.

- Communication features (messaging, announcements).

- Admin tools for user management and content moderation.

- Responsive design for mobile and desktop access.

**2. Technical Constraints and Considerations:**

- Compliance with data protection regulations.

- Compatibility with common web browsers.

- Scalability for potential future expansion.

- Security measures for user data and authentication.

- Integration capabilities with other systems if needed.

**User Stories:**

**1. User Registration:**

- As a new student, I want to register with the system using my email and set up a password.

**2. Profile Management:**

- As a student, I want to edit my profile information, including contact details and a profile picture.

**3. Course Enrollment:**

- As a student, I want to view available courses, select the ones I want to enroll in, and receive confirmation.

**4. Grade Viewing:**

- As a student, I want to access and view my grades for each enrolled course.

**5. Announcements:**

- As a student, I want to receive announcements from administrators regarding important information.

**6. Admin User Management:**

- As an administrator, I want to add, edit, or remove user accounts, including students and other administrators.

**7. Content Moderation:**

- As an administrator, I want the ability to review and moderate content posted by students.

**8. Responsive Design:**

- As a user, I want the website to be accessible and user-friendly on both mobile and desktop devices.

**9. Security Measures:**

- As a user, I want assurance that my personal information and grades are secure, and only accessible with proper authentication.

**10. Integration Capability:**

- As a system administrator, I want to explore the possibility of integrating the student management system with other academic tools or databases.

These user stories provide a detailed breakdown of the functionalities required for a Student Management System project, ensuring a comprehensive understanding of the project's scope.