**User Requirement:**

**Admin User Requirements:**

1. **User Management:**

* Ability to add, edit, and delete student, teacher, and staff accounts.
* Assign roles and permissions to users.
* Manage user profiles and access rights.

1. **Student Management:**

* Add new students to the system.
* Edit student profiles, including personal details and contact information.
* Track student attendance, academic performance, and behavior records.

1. **Teacher Management:**

* Add new teachers/staff to the system.
* Assign subjects and classes to teachers.
* Monitor teacher performance and workload.

1. **Financial Management:**

* Manage fee structures and payment schedules.
* Track fee payments from students.
* Generate financial reports and statements.

1. **Reporting:**

* Generate various reports, including student performance reports, attendance reports, and financial summaries.
* Customize report formats and parameters.

**Teacher User Requirements:**

1. **Login and Profile:**

* Log in securely to access their dashboard.
* View and update personal details in their profile.

1. **Class Management:**

* View assigned classes and subjects.
* Create and manage class schedules.
* Update attendance records for their classes.

1. **Assessment Management:**

* Enter exam marks and grades for students.
* Provide feedback on assignments and assessments.
* Track student progress and performance.

**Student User Requirements:**

1. **Login and Profile:**

* Log in securely to access their dashboard.
* View and update personal details in their profile.

1. **Academic Performance:**

* View grades, exam marks, and overall performance.
* Access feedback and comments from teachers.

1. **Assignment Submission:**

* Submit assignments electronically.
* View upcoming assignments and deadlines.

1. **Learning Materials:**

* *Access course materials, including notes, presentations, and supplementary resources.*
* Download or view materials as needed.

1. **Fee Payment:**

* View fee details and payment schedules.
* Make online payments securely.
* Print receipts or payment confirmations.

1. **Reports:**
   * View and download performance reports and transcripts.
   * Print reports for record-keeping or submission.

**System Requirements**

1. **Platform Compatibility:** The system should be compatible with various platforms such as Windows, macOS, and web browsers to ensure flexibility and accessibility for users.
2. **Database Management:** The system has a robust database management system to store and manage teacher and students’ data securely and efficiently.
3. **Scalability:** The system should be scalable to handle a large number of students and teachers’ multiple data records without compromising performance.
4. **Reliability and Availability:** The system should be highly reliable, ensuring minimal downtime and high availability to avoid disruptions in teachers and students’ management system.
5. **Data Backup and Recovery:** The system has mechanisms in place to regularly backup teachers and students’ data and will be give reliable data recovery process for prevent data loss and system failure.
6. **Security Measures:** The system gives strong security that protects all user’s data.
7. Performance and Speed: The system is designed to handle concurrent user interactions and provide fast response times, even during peak usage periods.
8. **User Permissions and Roles:** The system will be handling user interactions and provide fast response time.
9. **Customization and Configuration:** The system supports different users like teachers and students gives user permission and allowing administrators to manage and oversee all the data related to students, teachers and finance.
10. **User Support and Training:** The system provides comprehensive user support and documentation, including user manuals, FAQs, and training materials, to assist users in effectively utilizing the system's features.
11. **User Interface**: The system has a user-friendly and intuitive interface that is easy to navigate and understand