Educational Organization Using ServiceNow

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Project Name	Educational Organization Using ServiceNow
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Requirement Analysis

This document lists what the system must do (functional requirements) and how the system should behave or perform (non-functional requirements). These requirements help in planning and building the features accurately.

Functional Requirements

- **Student Management:**
  - Admin can add, update, or remove student details like name, class, contact info, and parent details.
  - Records are stored in the database and can be viewed anytime.
- **Admission Process:**
  - A form is used to submit new student applications.
  - Each application passes through multiple statuses: *New*, *In Process*, *Joined*, *Closed*.
  - Admin can move the application to the next stage and track progress.
- **Performance Management:**
  - Teachers can enter marks for multiple subjects.
  - The system automatically calculates total marks and percentage.
  - Results are shown clearly on the student's profile.

Non-Functional Requirements

- **Usability:**
  - The interface should be clean and easy to understand, even for non-technical users.
  - All forms and pages should be clearly labelled, with easy navigation and helpful messages.

- **Performance:**
  - Pages and forms should load quickly, even with many records.
  - Actions (like saving or updating) should take minimal time.
- **Security:**
  - Login should be required for all users.
  - Sensitive data (like marks or contact info) must be protected from unauthorized access.
- **Availability:**
  - The system should be available online 24/7.
  - Users can access it from any device with internet (laptop, mobile, etc.).
- **Maintainability:**
  - Easy to update forms or workflows if requirements change later.
  - Admin can modify fields or logic without major downtime.
- **Scalability:**
  - New modules (like attendance, fees, or timetable) can be added in the future.
  - System should handle more users and data without slowing down.