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.