1. Project Title

SN SmartLearn - Student & Course Management System

2. Problem Statement

An online education platform is currently managing student applications, course enrollments, and communications through a fragmented system of spreadsheets and emails. This manual process is inefficient, prone to error, and lacks a centralized view of student data. As the platform grows, this approach is unsustainable, making it difficult to provide a quality student experience, track enrollment trends, and scale operations effectively.

The company requires a robust Salesforce CRM solution to overcome these challenges.

3. Objectives

The primary goals of this Salesforce implementation are to:

- **Automate** the student application and enrollment process to minimize manual errors.
- **Centralize** all student, course, and progress data into a single source of truth.
- **Track** student progress, course history, and assessment results effectively.
- **Streamline** communications with students, instructors, and the admissions team.
- **Enable** real-time dashboards and reports for management to monitor key metrics like enrollment and retention.

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4.Stakeholder Analysis

The key stakeholders and their primary needs are identified as follows:

- **Admissions Team:** Needs an efficient system for tracking applications and reducing manual data entry.

- **Course Instructors:** Require easy access to student enrollment lists and progress data.
- **Students:** Expect a smooth, transparent enrollment process and timely, relevant communication.
- **Management:** Wants clear visibility into the admissions funnel, course popularity, and student retention rates for strategic decision-making.
- **IT/Admin:** Responsible for ensuring system stability, data integrity, and security.

2. Business Process Mapping

A comparison of the current and proposed business processes highlights the intended improvements.

Current Process (Before Salesforce)

1. A prospective student submits an application via a web form.
2. An administrator manually enters the application data into a spreadsheet.
3. The admissions team reviews applications from the shared spreadsheet.
4. All communication (updates, requests) is handled via individual emails, which are difficult to track.
5. Course enrollment and progress are logged in separate, disconnected documents.

Proposed Process (After Salesforce Implementation)

1. A student's application from the web form is **automatically captured** as a Lead record in Salesforce.

2. An automated workflow assigns the application, creates follow-up tasks, and updates its status.
3. Once approved, the Lead is converted into `Contact` (Student), `Account` (if applicable), and custom `Enrollment` records.
4. Automated welcome emails and deadline reminders are sent to students via email alerts.
5. All student data, course history, and progress are tracked in a unified, 360degree view.

3. Industry-Specific Use Case Analysis

The EdTech industry has unique requirements that this project will address:

- **Student Enrollment:** Automatically capture applications from web forms and track the status from submission to enrollment.
- **Course Management:** Maintain a centralized inventory of all courses, including details on modules and assigned instructors.
- **Student Progress Tracking:** Utilize custom objects to log student progress, assignment completion, and grades.
- **Cohort Management:** Group students by program or start date for targeted communication and specialized reporting.
- **Alumni Relations:** Build a foundation to manage relationships with graduates for future engagement and networking opportunities.

4. AppExchange Exploration

To enhance functionality, we will explore solutions on the Salesforce AppExchange:

- **Form Integration Apps (e.g., FormAssembly, Formstack):** To build complex web forms that map directly to Salesforce objects for seamless data capture.
- **Document Generation (e.g., Conga, Docusign):** For automatically generating and sending enrollment agreements or completion certificates.
- **Enhanced Notification Apps (e.g., Twilio):** To implement SMS/WhatsApp notifications for critical reminders and updates.

5. Conclusion

This initial analysis confirms that a Salesforce CRM implementation is the ideal solution to address EduLink's challenges. The project will automate manual processes, create a centralized data system, and provide the analytical tools needed to scale operations and enhance the overall student experience.