## Industry:

Education (EdTech / Academic Institutions)

## Project Type:

B2C Salesforce CRM Implementation (Students as primary customers, Teachers/Admins as service providers)

## Target Users:

Students - for enrollment, attendance records, and alerts Teachers - for tracking class attendance and student participation

Academic Administrators - for monitoring overall attendance trends, reporting, and compliance

# Problem Statement

In educational institutions, managing student enrollments and tracking attendance manually is time-consuming and error-prone. Teachers often struggle to monitor attendance for multiple courses, and students may miss classes without proper alerts. Lack of timely information on student attendance leads to decreased engagement and poor academic performance. Therefore, there is a need for an automated system that efficiently manages course enrollments, tracks attendance, and generates insightful reports while notifying students and staff about absenteeism.

# Project Overview

The Student Course Enrollment & Attendance Tracker is a web-based application designed to streamline student enrollment management and attendance tracking in schools and colleges. This system allows administrators and teachers to:

* + Maintain records of students and courses.
  + Enroll students in their respective courses.
  + Mark and monitor attendance for each class session.
  + Generate automated alerts for students with low attendance.
  + Produce detailed reports, including attendance percentage per student and course-wise enrollment statistics.

By digitizing these processes, the system reduces administrative workload, minimizes errors, and improves communication between teachers and students regarding attendance.

# Objectives

1. Efficient Enrollment Management:

Maintain accurate student and course records, allowing seamless enrollment and updates.

1. Automated Attendance Tracking:

Enable teachers to mark attendance quickly, with records stored in a centralized database for easy retrieval.

1. Alert Notifications:

Send automatic alerts to students or guardians if attendance falls below a predefined threshold, ensuring proactive engagement.

1. Comprehensive Reporting:

Generate real-time reports on attendance percentages, course-wise enrollments, and absentee trends to support decision-making.

1. Improved Academic Monitoring:

Assist teachers and administrators in identifying attendance issues early, helping improve student performance and institutional efficiency.