Student Management System

Phase 1: Problem Understanding & Industry Analysis

Requirement Gathering

- Collect requirements from key stakeholders: Administration, Faculty, Students, Parents.
- Identify must-have vs nice-to-have features.

Stakeholder Analysis

- Primary Users: Admin staff, Teachers, Students, Parents.
- Secondary Users: Management (Principal/Directors), IT team.
- Define user roles and their responsibilities.

Business Process Mapping

- Map current manual processes: admissions, attendance, exam results, fee collection.
- Identify inefficiencies like data duplication, errors, and delays.
- Redesign workflows to be automated via Salesforce.

Industry-specific Use Case Analysis

- Educational institutions face challenges like: manual data entry, lack of real-time performance tracking, poor communication between parents, students, and teachers, difficulty in maintaining records securely over multiple years.
- Benchmark with other EdTech systems for best practices.

AppExchange Exploration

- Explore Salesforce AppExchange for prebuilt Education/Student Management apps.
- Check for plugins like fee management, e-learning integrations, and communication tools.

Phase 1 provides us with :

- A clear problem statement
- Defined stakeholders
- Documented requirements
- Initial blueprint of processes to automate