Campus Connect Project

Effective Overview of Custom Objects, Relationships & Automation

Project Overview

Goal:

- A centralized platform to manage Clubs, Events, and Memberships in campus.

Key Features:

- Club management (faculty advisors, student leaders, members).
- Event tracking & participation.
- Role-based access (Faculty, Student, Admin).

- Built on Salesforce Lightning (Developer Org).

Custom Objects & Relationships

- **Custom Objects:**
-   - Club__c
-   - Student__c (Contact)
-   - ClubMembership__c
-   - ClubEvent__c

- • **Relationships:**
-   - Club ↔ ClubMembership (Lookup/Master-Detail)
-   - Student ↔ ClubMembership (Lookup)
-   - Club ↔ ClubEvent (Lookup)

Field-Level Security & Access Control

- • **Profiles & Visibility:**
- - Faculty: Full access to Clubs, Memberships, Events
- - Students: Restricted to their own Memberships & Events

- • **Field-Level Security:**
- - Sensitive fields (Faculty Email, Phone) hidden from Students
- - Status/Approval fields restricted to Faculty

Automation & Process Builder

- • **Automation Implemented:**
-   - Workflow Rules: Email alerts for new events
-   - Process Builder: Auto-create Memberships
-   - Validation Rules: Ensure mandatory details
-   - Flow Builder: Event Registration Flow

- • **Benefits:**
-   - Saves time & reduces manual errors
-   - Streamlined club & event management

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Now lets move to Sales-force org

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Sales-force Org->>>>>>>>