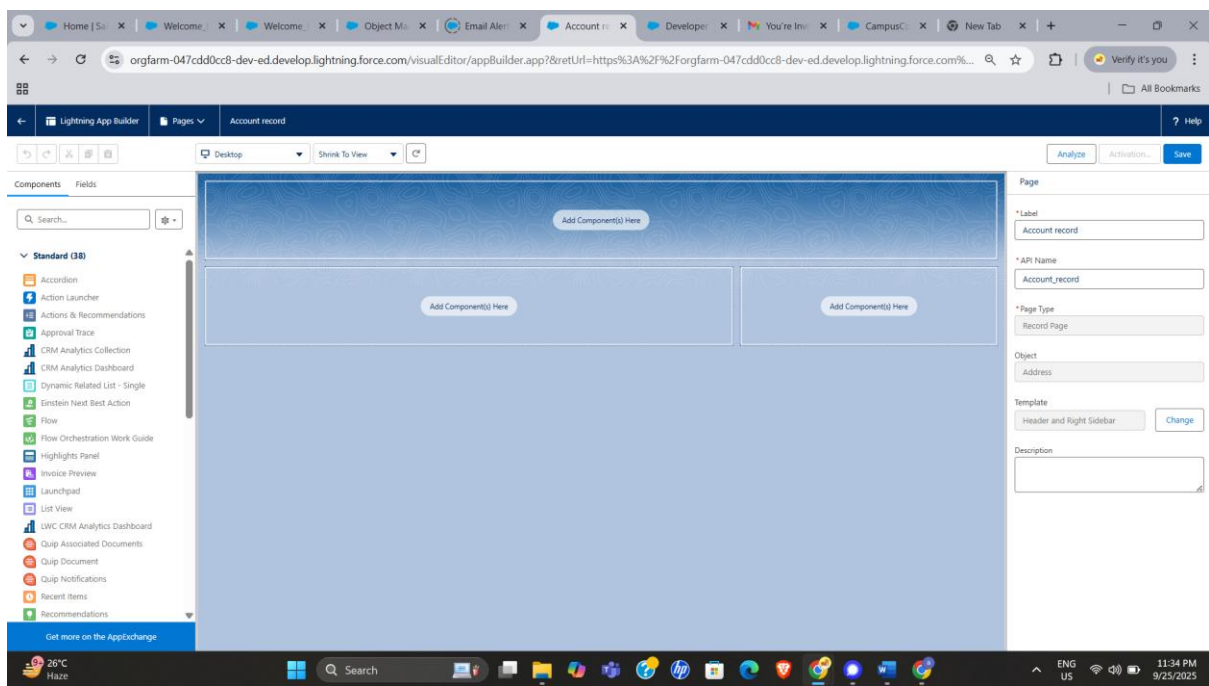


Phase 6: User Interface

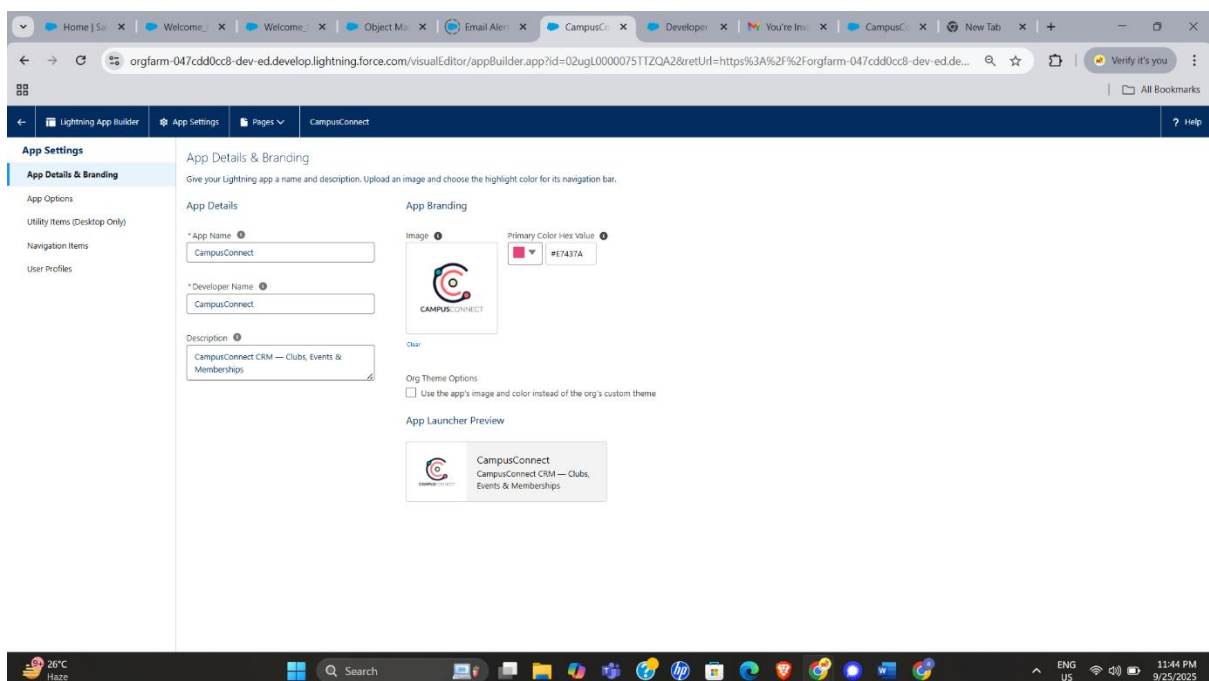
Development (Campus CRM + Student Club)

Screenshots:-

Lightning App Builder:-



App details:-



Record Pages(Club):-

Lightning App Builder interface showing the configuration for the 'Club Record Page' (Club_RecordPage_faculty). The page is titled 'Club Techy Shala' and is configured for the 'Faculty Advisor' role. The page layout includes a header section with 'Club Techy Shala' and buttons for 'New Contact', 'Edit', and 'New Opportunity'. Below the header, there is a 'Club Memberships (1)' table with one member, 'Anmol Kumar', who is the 'Club Leader' and 'Active'. The table also shows the 'Join Date' as '9/26/2023'. Below the table, there is a 'Club Details' section with fields for Club Name, Type, Advisor, Email, Phone, and Venue. The right sidebar shows the page configuration, including the label 'Club_RecordPage_faculty', API Name 'Club_RecordPage_faculty', Page Type 'Record Page', Object 'Club', and Template 'Header and Right Sidebar'.

Student Record Page:-

Lightning App Builder interface showing the configuration for the 'Student Record Page' (Student_RecordPage). The page is titled 'Student Anmol' and is configured for the 'Student' role. The page layout includes a header section with 'Student Anmol' and buttons for 'New Contact', 'Edit', and 'New Opportunity'. Below the header, there is a 'Club Memberships (1)' table with one membership, 'Anmol Kumar', who is the 'Club Leader' and 'Active'. The table also shows the 'Join Date' as '9/26/2023'. Below the table, there is a 'Student Details' section with fields for Student Name, First Name, Last Name, Phone, Email, and Membership Relation. The right sidebar shows the page configuration, including the label 'Student_RecordPage', API Name 'Student_RecordPage', Page Type 'Record Page', Object 'Student', and Template 'Header and One Region'.

Tabs:-

The screenshot shows the Salesforce Setup interface for Custom Tabs. The browser address bar displays the URL: `orgfarm-047cdd0cc8-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home`. The left sidebar contains the Setup menu with 'Custom Tabs' selected. The main content area is titled 'Custom Tabs' and includes a 'Help for this Page' link. Below the title, there is a brief explanation of Custom Tabs and their types. The interface is divided into four sections: Custom Object Tabs, Web Tabs, Visualforce Tabs, and Lightning Component Tabs. Each section has a 'New' button and a 'What is This?' link. The Custom Object Tabs section shows a table with columns for Action, Label, Tab Style, and Description. The table lists several tabs: Club Events, Club Memberships, Clubs, Members, and Students. The Web Tabs section shows 'No Web Tabs have been defined'. The Visualforce Tabs section shows 'No Visualforce Tabs have been defined'. The Lightning Component Tabs section shows a table with columns for Action, Label, Tab Style, and Description, listing 'Get Started with AppExchange' and 'Get Started with Data Cloud'.

Custom Tabs

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Custom Object Tabs

[New](#) [What is This?](#)

Action	Label	Tab Style	Description
Edit Del	Club Events	Treasure chest	
Edit Del	Club Memberships	Hands	
Edit Del	Clubs	Microscope	
Edit Del	Members	Trophy	
Edit Del	Students	Computer	

Web Tabs

[New](#) [What is This?](#)

No Web Tabs have been defined.

Visualforce Tabs

[New](#) [What is This?](#)

No Visualforce Tabs have been defined.

Lightning Component Tabs

[New](#) [What is This?](#)

Action	Label	Tab Style	Description
Edit Del	Get Started with AppExchange	Tread	
Edit Del	Get Started with Data Cloud	Map	
		Heart	

Homepage Layout:-

The screenshot shows the Salesforce CampusConnect homepage. The browser address bar displays the URL: `orgfarm-047cdd0cc8-dev-ed.develop.lightning.force.com/lightning/page/home`. The left sidebar contains the CampusConnect menu with 'Home' selected. The main content area is titled 'CampusConnect' and includes a search bar and a navigation menu. The navigation menu includes links to Home, Accounts, Contacts, Clubs, Students, Club Events, Club Memberships, Reports, Dashboards, and a welcome message for a new club member. The main content area is divided into three sections: Message For Faculty, Message For Student, and Recent Records. The Message For Faculty section includes a reminder to approve new club events at least 7 days before the scheduled date. The Message For Student section includes a reminder to stay tuned for upcoming events and to check membership status. The Recent Records section shows a list of recent records, including 'Sample Flow Report: Screen Flows', 'Techy Shala', 'Adarsh Prajapati', 'amol kumar', and 'Art Attack'. The bottom of the page features a footer with links to Rich Text, Report Chart, History, and Recent Items.

CampusConnect

[Home](#) [Accounts](#) [Contacts](#) [Clubs](#) [Students](#) [Club Events](#) [Club Memberships](#) [Reports](#) [Dashboards](#) [Welcome_New_Club_Mem...](#)

Message For Faculty:-

Reminder: Approve new club events at least **7 days** before the scheduled date.

Message For Student:-

Stay tuned for upcoming events in your clubs! **Don't forget** to check your membership status.

All

[More](#)

All
1 item, sorted by Event Name

[Art Attack](#)

Sort by:
[Most Recent Activity](#)

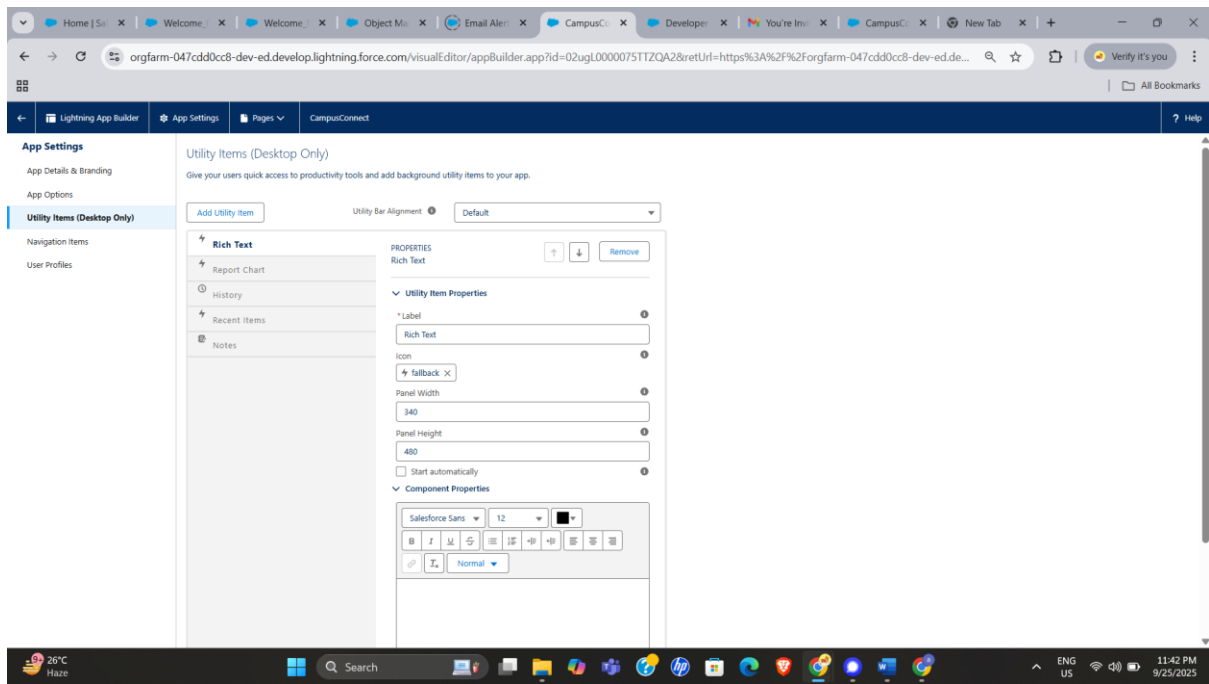
Recent Records

- [Sample Flow Report: Screen Flows](#)
- [Techy Shala](#)
- [Adarsh Prajapati](#)
- [amol kumar](#)
- [Art Attack](#)

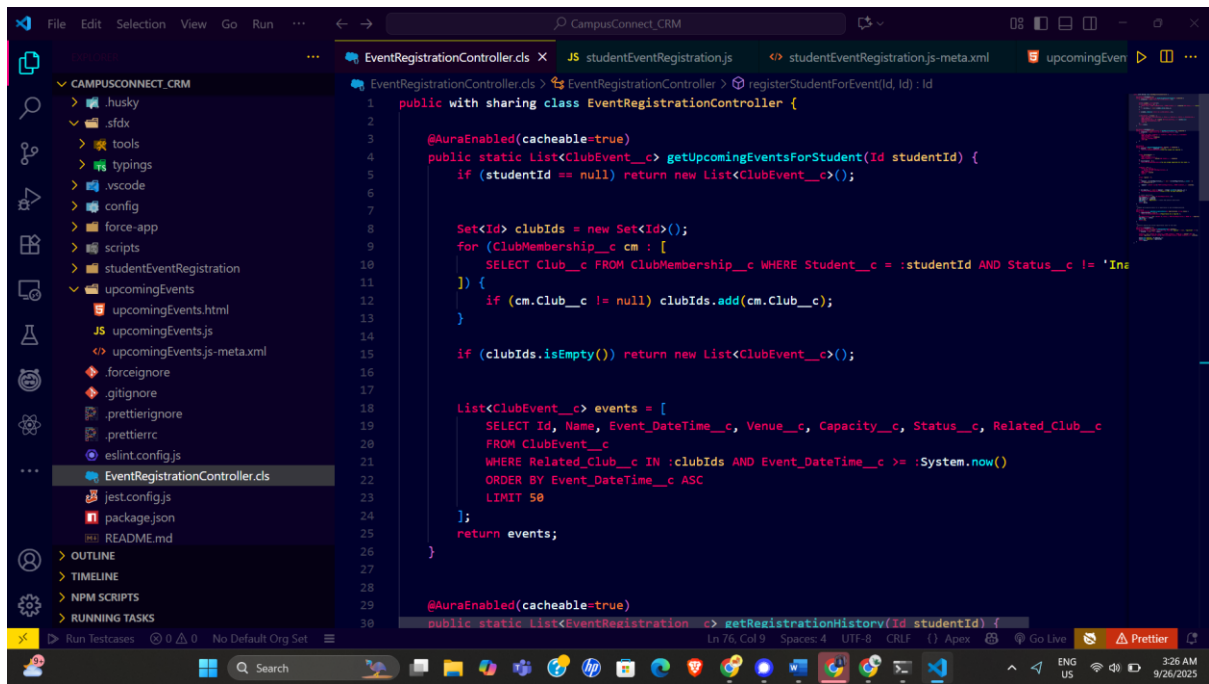
[View All](#)

[Rich Text](#) [Report Chart](#) [History](#) [Recent Items](#)

Utility Bar Items:-



LWC Event Controller:-



“Rest of the codes in GitHub.”

Documentation:-

Lightning App Builder

- Created a **CampusConnect Lightning App** that serves as the central interface for faculty, club leaders, and students.

- Configured **custom Lightning Pages**:
 - **Club Management Page** – view and manage student clubs.
 - **Event Management Page** – register, track, and manage upcoming events.
 - **Student Dashboard** – personalized view for students to track participation and registrations.
-

Record Pages

- Designed **custom record pages** for major objects:
 - **Club Record Page** → displays club details, leader, members, and related events.
 - **Event Record Page** → shows event details, registration list, and event capacity tracker.
 - **Student Record Page** → displays academic profile, participation history, and registered events.
 - Added **related lists** and **quick actions** to simplify navigation.
-

Tabs

- Created **custom tabs** for easy access:
 - Student, Club, Event, Event Registration, Participation History.
 - Grouped all tabs under **CampusConnect App Navigation**.
-

Home Page Layouts

- Customized **Home Page** for each profile:
 - **Faculty Coordinator Home** → highlights upcoming events, student reports, and club statistics.
 - **Club Leader Home** → shows quick access to event creation and student registrations.
 - **Student Home** → displays personalized announcements and event suggestions.
-

Utility Bar

- Added a **Utility Bar** to the CampusConnect app with quick-access tools:
 - **Notes Utility** → for faculty/club leaders to jot down event-related notes.
 - **Recent Items** → faster navigation between records.

- **Quick Notifications Panel** → integrated with custom notifications from Phase 4.
-

Lightning Web Components (LWC)

- Built **custom LWC components** for enhanced user experience:
 1. **StudentEventRegistration** → interactive event registration form with real-time validation.
 2. **UpcomingEvents** → personalized student feed displaying upcoming events relevant to their club/department.
-

Apex with LWC

- Connected **Apex Controllers** with LWCs to perform server-side operations:
 - Fetch student registration history.
 - Update event participation status.
 - Fetch real-time event capacity and availability.
-

Navigation Service

- Integrated **Navigation Service** in LWCs for smooth transitions:
 - From *UpcomingEvents* → Event Record Page.
 - From *Student Dashboard* → Participation History.
 - Enabled deep linking so students can directly access specific event pages from emails/notifications.
-

Key Benefits Delivered in Phase 6

- Delivered a **modern, dynamic UI** tailored to each role (faculty, club leaders, students).
- **LWCs improve performance** and responsiveness compared to standard layouts.
- **Utility Bar + Navigation Service** simplify record navigation and enhance productivity.
- **Real-time event tracking** via wire adapters and imperative Apex ensures accuracy.
- Increased **engagement and adoption** through interactive dashboards and personalized views.