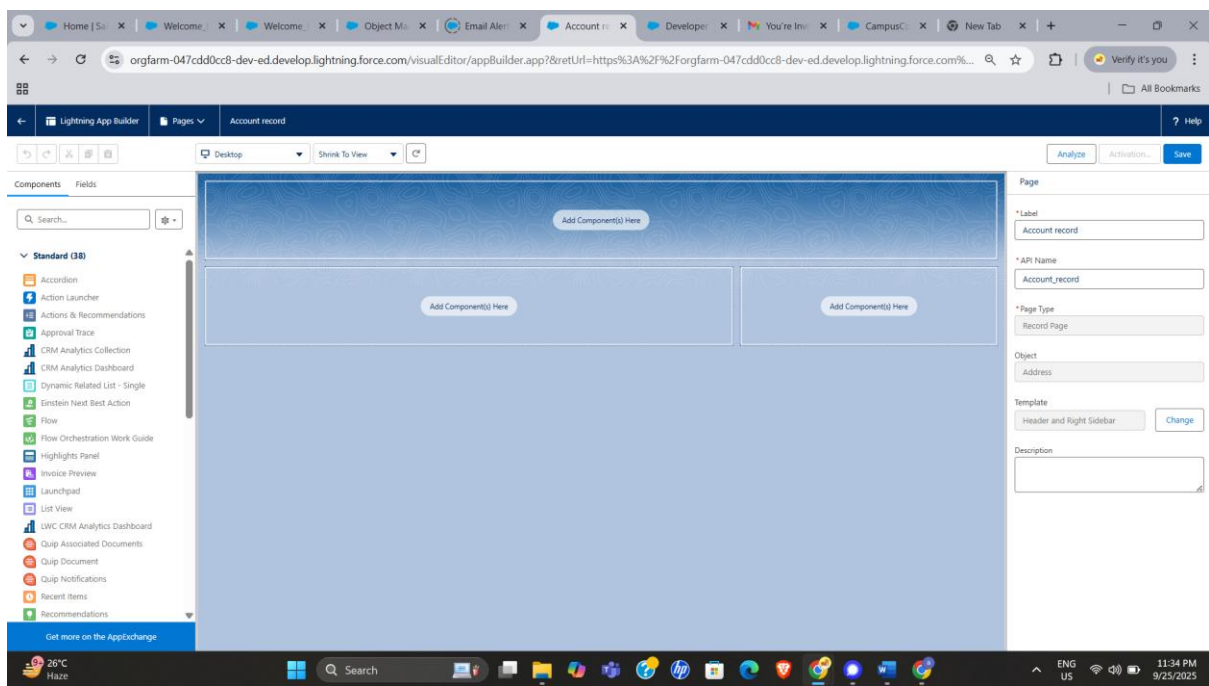


Phase 6: User Interface

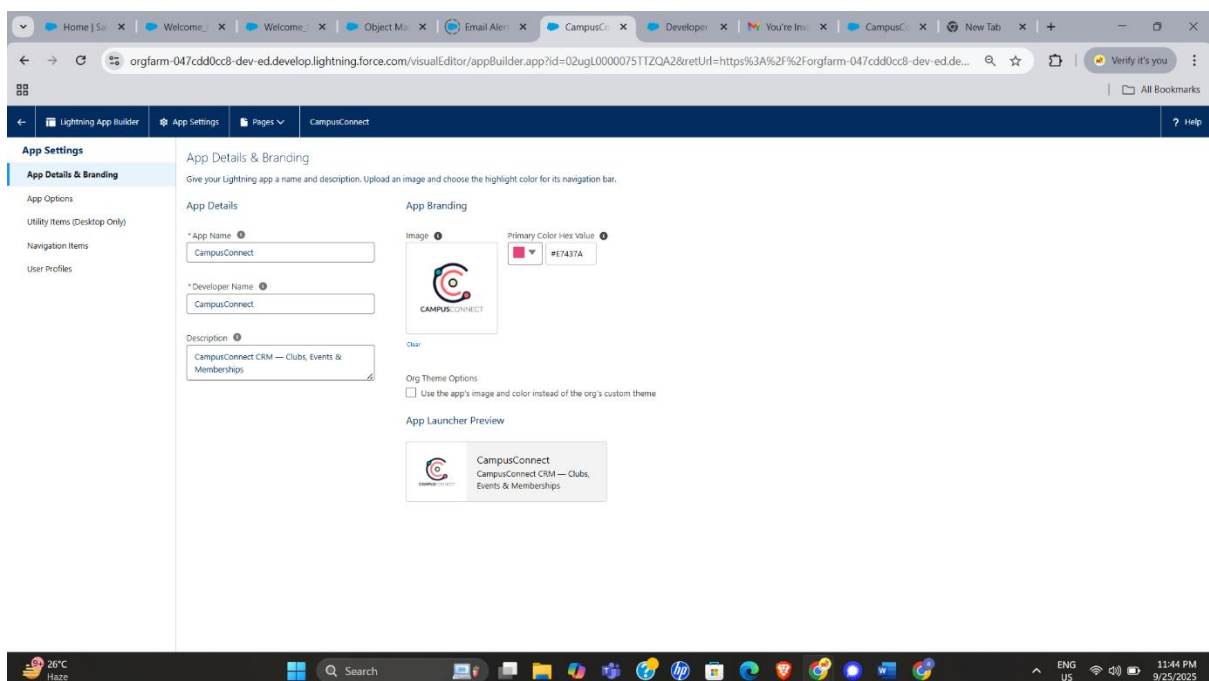
Development (Campus CRM + Student Club)

Screenshots:-

Lightning App Builder:-



App details:-



Record Pages(Club):-

orgfarm-047cdd0cc8-dev-ed.develop.lightning.force.com/visualEditor/appBuilder.app?id=0M0gL000002sPJ5A2&cldone=false&retUrl=%2flightning%2fsetup%2fflexiPageLis...

Lightning App Builder | Club_RecordPage_Faculty

Components | Fields

Search...

Standard (42)

- Accordion
- Action Launcher
- Actions & Recommendations
- Activities
- Approval Trace
- Assessment List
- CRM Analytics Collection
- CRM Analytics Dashboard
- Dynamic Related List - Single
- Einstein Next Best Action
- Flow
- Flow Orchestration Work Guide
- Highlights Panel
- Invoice Preview
- Launchpad
- List View
- LWC CRM Analytics Dashboard
- My Labels
- Path
- Quick Associated Documents

Get more on the AppExchange

Desktop | Shrink To View

Analyze | Activation... | Save

Club Techy Shala

Club Type: Technical

Faculty Advisor: Faculty coordinator

Club Memberships (1)

Student	Role in Club	Join Date	Status
Anmol Kumar	Club Leader	9/26/2023	Active

View All

Club Details

- Club Name: Techy Shala
- Club Type: Technical
- Faculty Advisor: Faculty coordinator
- Club Email: prajapataadash25@gmail.com
- Club Phone: (789) 456-1237
- Venue: Near sgandan
- Status: Active

Owner: Adarsh Prajapati

Please submit event requests at least 7 days before planned date. Faculty Advisors, review new memberships weekly.

Page Configuration

- * Label: Club_RecordPage_Faculty
- * API Name: Club_RecordPage_Faculty
- * Page Type: Record Page
- Object: Club
- Template: Header and Right Sidebar
- Description:
- ☐ Enable page-level dynamic actions for the Salesforce mobile app

26°C Haze | 11:35 PM 9/25/2025

Student Record Page:-

orgfarm-047cdd0cc8-dev-ed.develop.lightning.force.com/visualEditor/appBuilder.app?id=0M0gL000002sR3hSAE&cldone=false&retUrl=%2flightning%2fsetup%2fflexiPageLis...

Lightning App Builder | Student_RecordPage

Components | Fields

Search...

Standard (42)

- Accordion
- Action Launcher
- Actions & Recommendations
- Activities
- Approval Trace
- Assessment List
- CRM Analytics Collection
- CRM Analytics Dashboard
- Dynamic Related List - Single
- Einstein Next Best Action
- Flow
- Flow Orchestration Work Guide
- Highlights Panel
- Invoice Preview
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- List View
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- My Labels
- Path
- Quick Associated Documents

Get more on the AppExchange

Desktop | Shrink To View

Analyze | Activation... | Save

Student Anmol

Last Name: Kumar

Student Email: prajapataadash25@gmail.com

Student Phone: (741) 852-9637

Club Memberships (1)

Club	Club	Role in Club	Join Date
Anmol Kumar	Techy Shala	Club Leader	9/26/2023

View All

Student Details

- Student Name: Anmol Kumar
- First Name: Anmol
- Last Name: Kumar
- Student Phone: (741) 852-9637
- Student Email: prajapataadash25@gmail.com
- Membership Reason:

Owner: Adarsh Prajapati

Please submit event requests at least 7 days before planned date. Faculty Advisors, review new memberships weekly.

Page Configuration

- * Label: Student_RecordPage
- * API Name: Student_RecordPage
- * Page Type: Record Page
- Object: Student
- Template: Header and One Region
- Description:
- ☐ Enable page-level dynamic actions for the Salesforce mobile app

26°C Haze | 11:37 PM 9/25/2025

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 'Home' and 'Object Manager' options. The main content area is titled 'Custom Tabs' and includes a 'Help for this Page' link. Below the title, there is a descriptive paragraph about custom tabs. The interface is divided into three sections: 'Custom Object Tabs', 'Web Tabs', and 'Visualforce Tabs'. Each section has a 'New' button and a 'What is This?' link. The 'Custom Object Tabs' section contains 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 contains a table with columns for 'Action', 'Label', 'Tab Style', and 'Description'. The table lists two tabs: 'Get Started with Apexforce' and 'Get Started with Data Cloud'. The bottom of the screen shows a Windows taskbar with the date and time: 11:38 PM, 9/25/2025.

Action	Label	Tab Style	Description
Edit Del	Club Events	Treasure chest	
Edit Del	Club Memberships	Handy	
Edit Del	Clubs	Handy	
Edit Del	Members	Handy	
Edit Del	Students	Handy	

Action	Label	Tab Style	Description
Edit	Get Started with Apexforce	Handy	
Edit	Get Started with Data Cloud	Handy	

Homepage Layout:-

The screenshot shows the CampusConnect homepage layout. 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 options: Home, Accounts, Contacts, Clubs, Students, Club Events, Club Memberships, Reports, Dashboards, and a user profile 'Welcome_New_Club_Mem...'. The main content area is divided into several sections. At the top, there is a 'Message For Faculty' section with a reminder to approve new club events at least 7 days before the scheduled date. Below this is a 'Message For Student' section with a reminder to stay tuned for upcoming events and check membership status. The 'All' section shows a list of items, sorted by Event Name, with one item 'Art Attack'. The 'Recent Records' section shows a list of recent records: 'Sample Flow Report: Screen Flows', 'Techy Shala', 'Adarsh Prajapati', 'amol kumar', and 'Art Attack'. The bottom of the screen shows a Windows taskbar with the date and time: 12:57 AM, 9/26/2025.

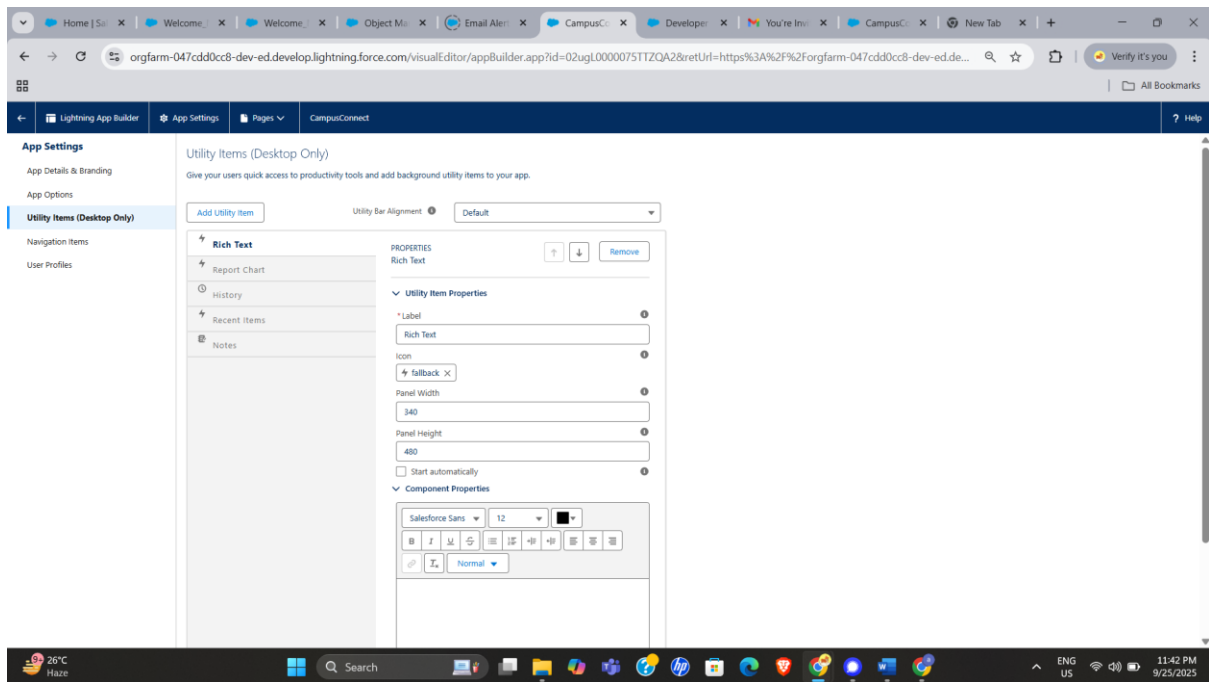
Message For Faculty:-
Reminder: Approve new club events at least 7 days before the scheduled date.

Message For Student:-
Stay tuned for upcoming events in your clubs! Don't forget to check your membership status.

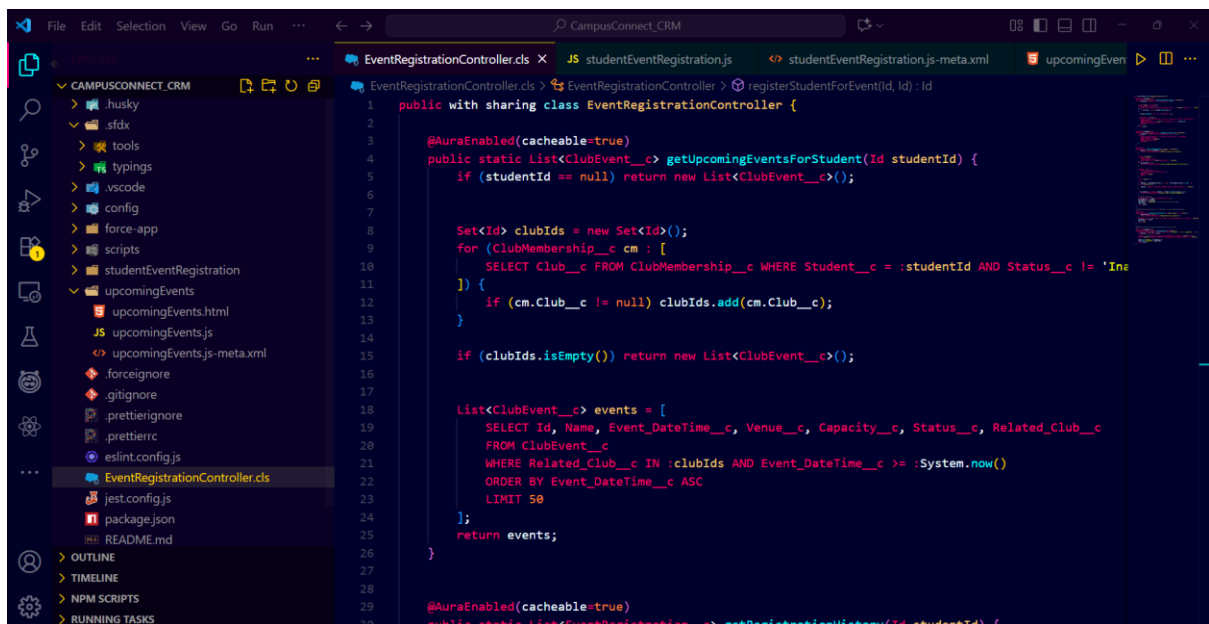
All
1 item, sorted by Event Name
Art Attack

Recent Records
Sample Flow Report: Screen Flows
Techy Shala
Adarsh Prajapati
amol kumar
Art Attack

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.