

Phase 6 Report

User Interface Development

Project: College Placement & Internship Management System

Batch: 4

Program: TCS Last Mile SmartBridge

Prepared by: Lowrence Devu

1. Introduction

Phase 6 focuses on enhancing the user interface for the College Placement & Internship Management System. The goal is to make the system user-friendly for Students, Recruiters, and Placement Officers by using Salesforce Lightning features and LWC components.

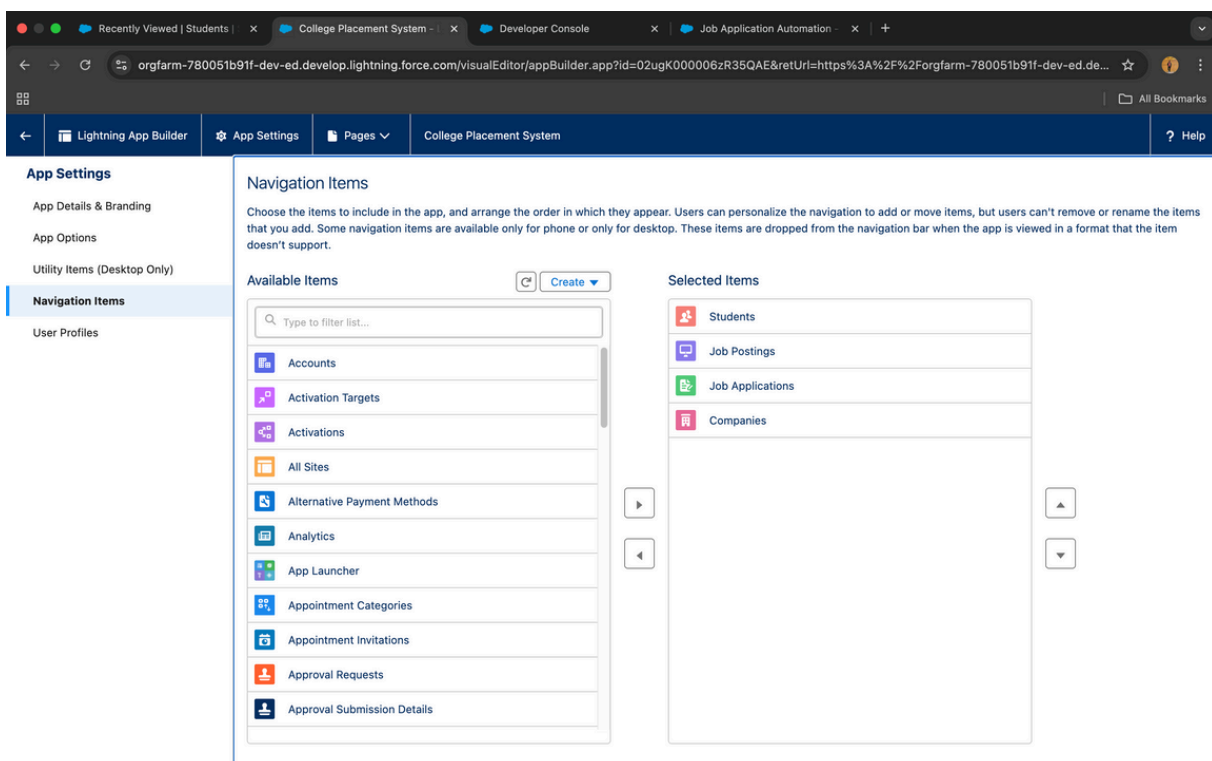
2. Objectives

- Design Lightning Record Pages for Students, Job Postings, Applications, and Companies.
- Add related lists to show associated records (e.g., Applications for a Student).
- Implement Quick Actions (e.g., Apply for Job).
- Customize Home Pages and Tabs for different user profiles.
- Integrate LWC components for enhanced interactivity (optional).
- Ensure responsive UI for desktop and mobile users.

3. Steps Performed

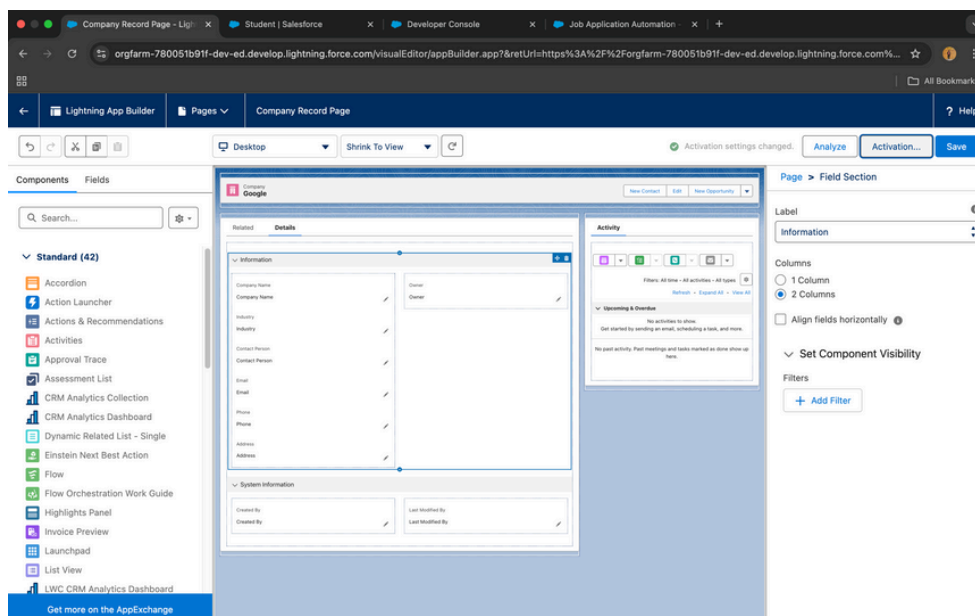
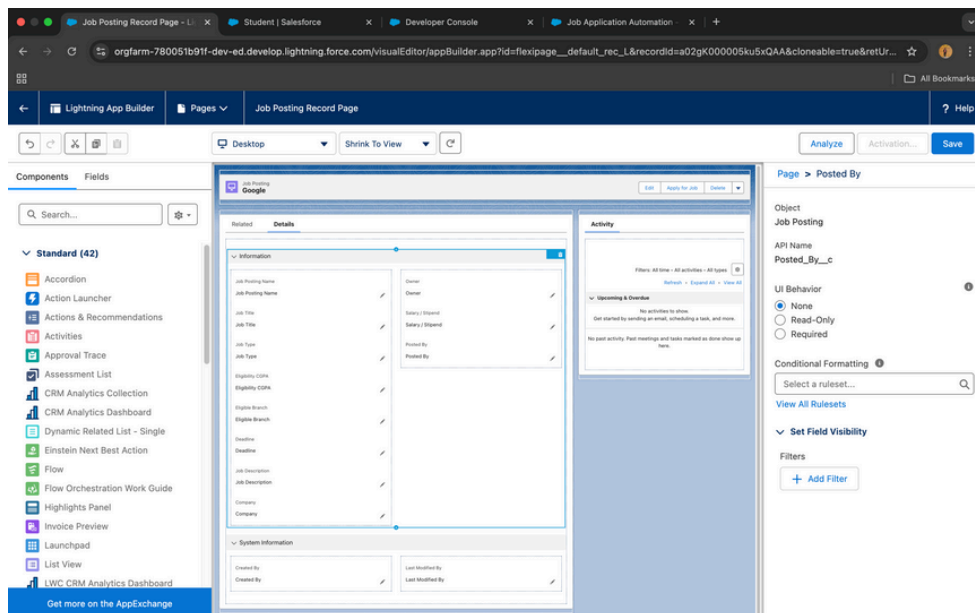
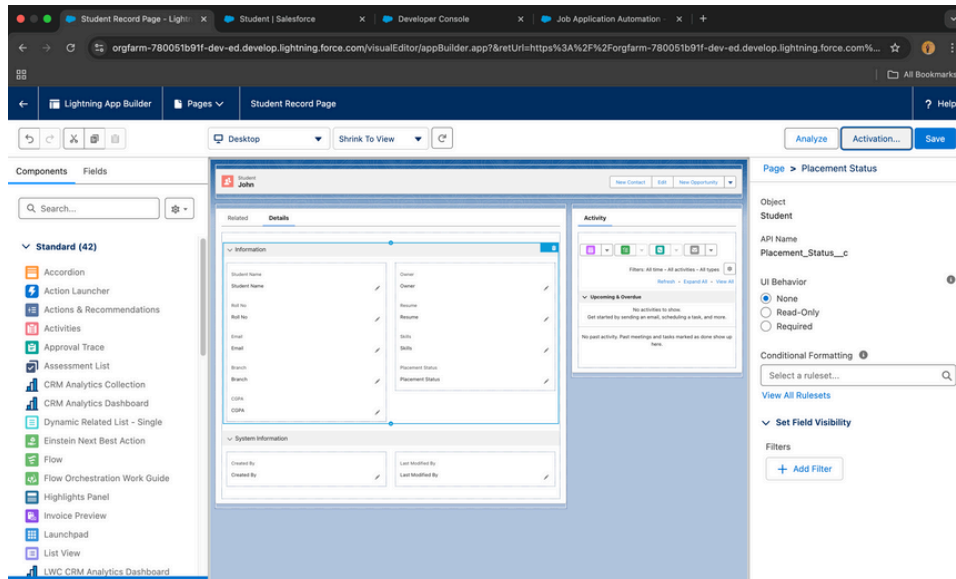
3.1 Lightning Record Pages

- Customized record pages for:
 - **Student:** Shows personal info, CGPA, Skills, and Applications.
 - **Job Posting:** Shows Job Title, Company, Eligibility, and Applications.
 - **Application:** Shows linked Student, Job Posting, Status, and Remarks.
 - **Company:** Shows Company details and related Job Postings.



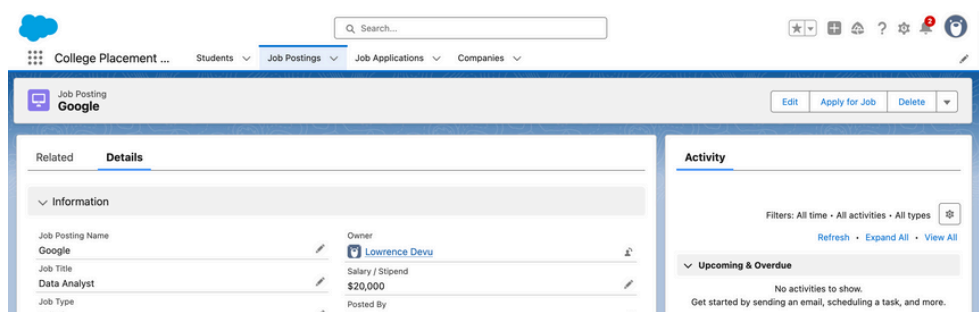
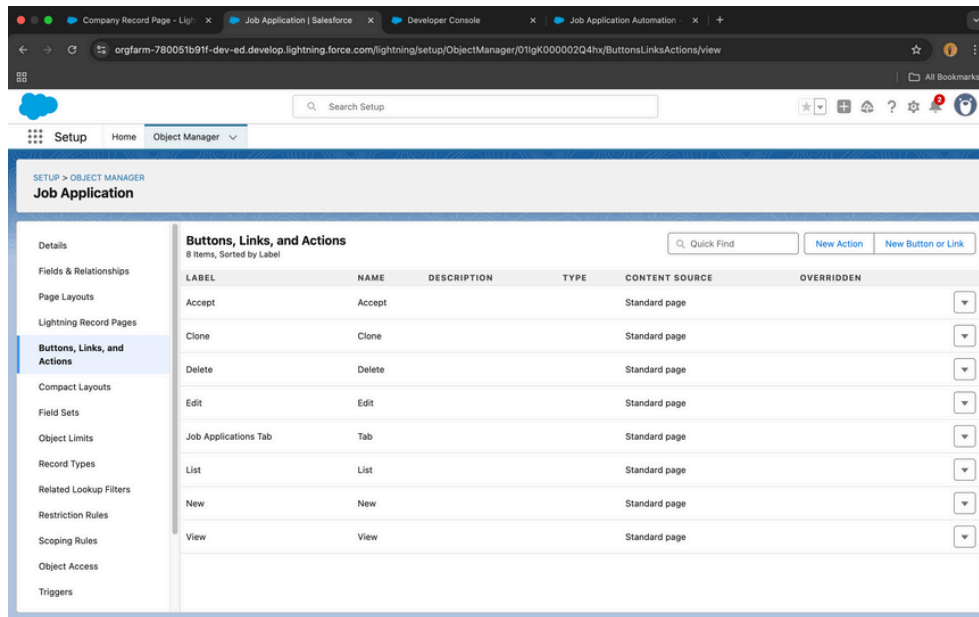
3.2 Related Lists

- Added related lists to display linked records:
 - Student record page → Applications related list.
 - Job Posting page → Applications related list.
 - Company page → Job Postings related list.



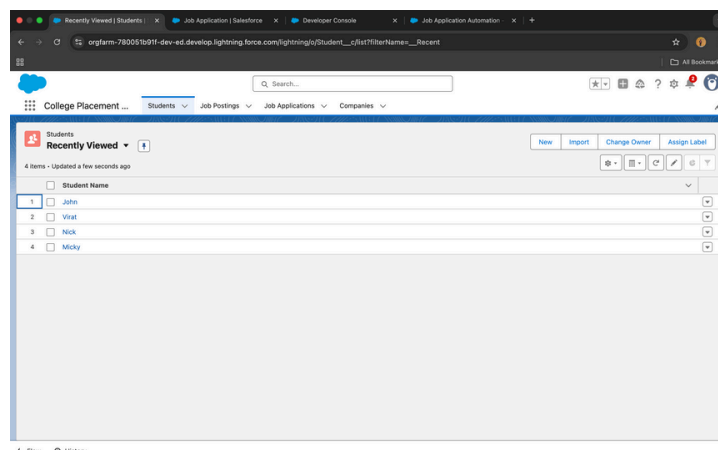
3.3 Quick Actions

- Created Quick Action **Apply for Job** on Job Posting object.
- Quick Action opens a pre-filled Job Application record for the logged-in Student.
- Configured Success Message and Icon for better UX.



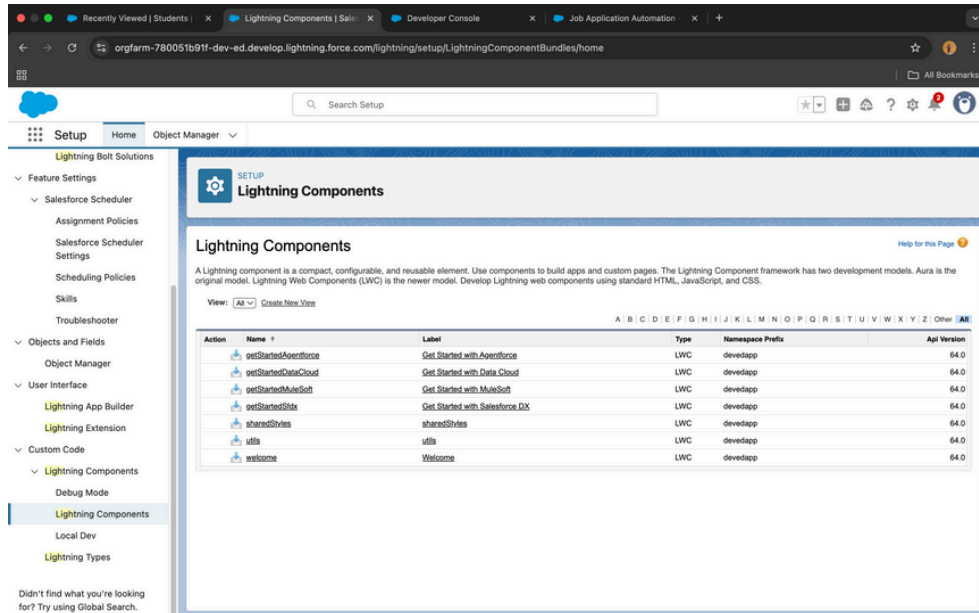
3.4 Home Page Tabs Customization

- Configured Home Pages for each profile:
 - **Students:** Upcoming Job Postings, Applied Jobs.
 - **Recruiters:** Pending Applications, Job Postings Overview.
 - **Placement Officers:** Dashboard of all applications and students.
- Customized App Navigation Tabs for easy access to Students, Job Postings, Applications, and Companies.



3.5 Lightning Web Components (Optional)

- Created a simple LWC component to display upcoming Job Postings with Apply button.
- Wired component to Apex controller for dynamic data.
- Added component to Student Home Page for interactive experience.



4. Expected Outcomes

- Easy-to-navigate Lightning pages for all objects.
- Students can apply for jobs using Quick Actions.
- Recruiters can quickly view and manage applications.
- Placement Officers have a dashboard view of students and applications.
- Related lists and LWC components improve visibility and interactivity.

5. Conclusion

Phase 6 enhanced the usability of the College Placement & Internship Management System. Customized Lightning Record Pages, Related Lists, Quick Actions, and optional LWC components ensure a smooth workflow for all users. This prepares the system for Phase 7, where external integrations and data access will be implemented.