

High Level Design Document

Use case Name : Campus Placement

Team Name : Team 6

Team members :

1. Vamsi
2. Vinitha
3. Archana
4. Surekha

Abstract:

The Campus Placement application that automates student registration, job posting, eligibility filtering, and interview scheduling. It streamlines the entire placement process for students and placement officers using Pega Constellation.

Scope:

- Register and manage personal profiles, academic records, and resumes.
- View and apply for eligible job postings.
- Track application status (Applied, Shortlisted, Selected, etc.).
- Receive notifications for interviews and results.
- Add and manage company profiles and job postings.
- Automatically filter and shortlist eligible students.

- Schedule interviews and manage interview logistics.
- Track placement statistics and generate reports

Design:

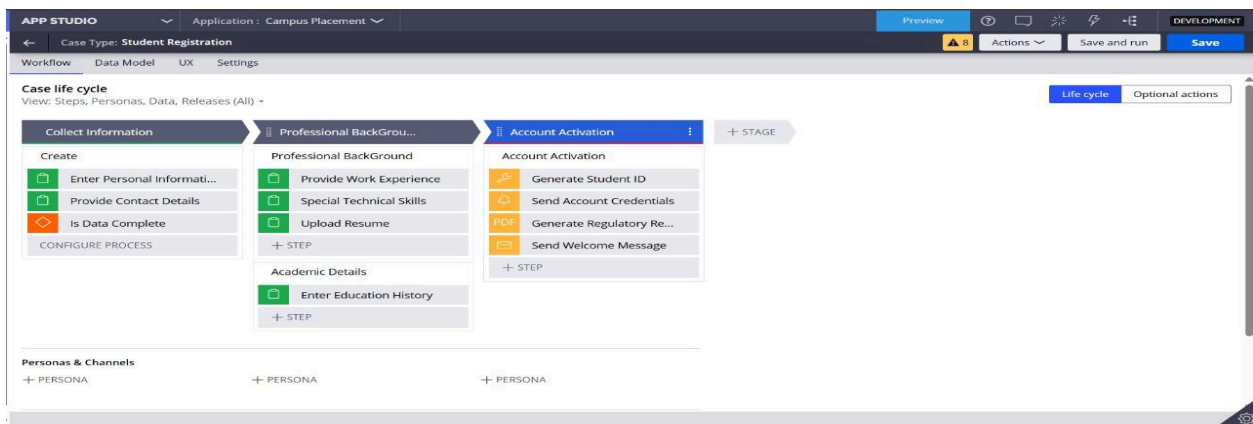
Application Name : Campus Placement

Organization Name: Aditya Institutions

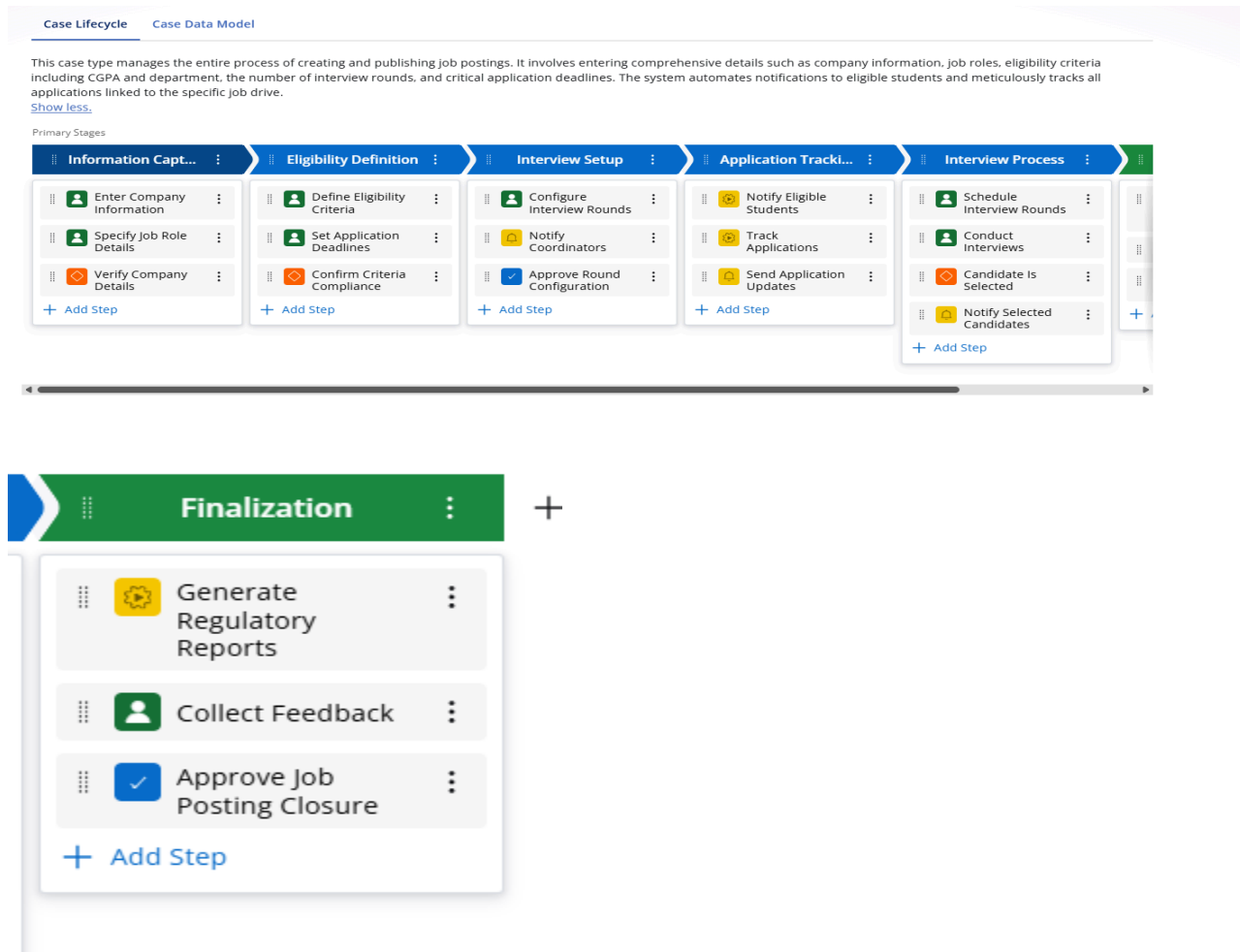
Application structure: Implementation

Case Design

Case type 1 : Account Creation



Case Type 2 : Job posting



Personas:

Student : The main user who initiates the case to create an account and enters personal, academic, and professional details.

Placement officer : Monitor applications, schedule interviews, update test results .

Channels:

Webportal : Enables students to register , apply for jobs, upload resumes, track application status . Allows placement officer to manage companies , jobs , etc.

Email: To send notifications about application confirmations , test link ,interview schedules .

Data Model Design:

Data objects , attributes & SOR:

Data Object	Attributes	SOR
Student	StudentID, Name, Email, Phone, DOB, CGPA, Department,Backlogs Resume.	Pega SOR
Skills	Skill name , level	Pega SOR
Company	Company Name, Job Roles Offered , CGPA,department	PEGA SOR
Assessment	TestID, Student ID, TestLink,Result	PEGA SOR

Enterprise Class Structure Diagram

Org Layer (Org class) : AdityaInstitutions

- **Integration Layer :** AdityaInstitutions-Int-*
- **Data Layer :** AdityaInstitutions-Data-*

App Layer (Application class) :

AdityaInstitutions-CampusPlacement

- **Data Layer:**
AdityaInstitutions-CampusPlacement-Data-*
 - **Integration Layer:**
AdityaInstitutions-CampusPlacement-Int-*
 - **Work Layer:**
AdityaInstitutions-CampusPlacement-Work-StudentRegistration
AdityaInstitutions-CampusPlacement-Work-JobPosting
-

Portal Design:

Student Portal UI

Header :

1. Logo
2. “Welcome , [Student Name]”
3. Logout button

Left Navigation Menu (Navigation Panel) :

1. **Dashboard :** Summary of job alerts, upcoming deadlines, application status
2. **My Profile :** Editable fields: Name, Department, CGPA, Resume Upload
3. **Job Listings :** Table/List view of jobs and apply button for each job

Main Content Area : Dynamically displays content based on navigation

Placement Officer Portal UI

Header :

1. Logo
2. Officer Name
3. Logout

Left Navigation Menu:

1. **Dashboard** : Total students placed, recent activity
2. **Post Job** : Form to enter job details: Company Name, Role, Criteria (CGPA, Dept), Deadline
3. **Candidate Filtering** : Select job → Auto-fetch eligible candidates (based on logic) and a button to notify selected students

Main Content Area:

Uses forms and Repeat grids to input/view data

Report Design :

- 1) Applied students report
- 2) No of students placed

User details :**Access Groups :**

1. CampusPlacement:Student
2. CampusPlacement:PlacementOfficer

Work groups :

1. Student Group
2. PlacementOfficer Group

Sample Operator Id's:

Student01 : sara@aec.edu.in

Officer01 : John@placement.aec.in