**AI-POWERED ALUMNI PORTAL : CONNECT, LEARN, THRIVE**

**Project Flow**

**1. User Types**

The portal has three distinct user types:

* Alumni
* Currently Studying Students
* Admin

**2. User Registration and Login Flow**

**Alumni Registration/Login**

1. **Registration**:
   * Alumni fill in their details (name, email, contact number, etc.).
   * Alumni set a password and confirm it.
   * Verification email sent for account activation.
2. **Login**:
   * Alumni enter their registered email and password.
   * Option to reset password if forgotten.

**Student Registration/Login**

1. **Registration**:
   * Students fill in their details (name, email, course, etc.).
   * Students set a password and confirm it.
   * Verification email sent for account activation.
2. **Login**:
   * Students enter their registered email and password.
   * Option to reset password if forgotten.

**Admin Login**

* Admins log in with a dedicated username and password.

**3. Alumni Features**

**Profile Management**

* Alumni can view and edit their profiles, including personal details and contact information.

**Donation Page**

* Alumni can make donations to support students or directly to the college.
* Options for one-time or recurring donations.
* Acknowledgment and receipt generation for donations.

**Event Posting Page**

* Alumni can create posts for:
  + Job vacancies at their companies.
  + Event brochures and details (webinars, seminars, workshops).
  + Internship opportunities.
* Admins can review and approve these posts before they are visible to students.

**4. Student Features**

**Profile Management**

* Students fill in personal details, upload resumes, and manage their profiles.

**Events Page**

* Students can view alumni posts filtered based on their skills and interests.
* Ability to apply for jobs or register for events directly from the posts.

**Career Path Suggestion Page**

* An AI model analyzes student resumes and suggests future study or job paths.
* Suggestions are tailored based on individual skills and experiences.

**5. Admin Features**

**User Management**

* Admins can manage and edit alumni and student profiles.
* Ability to deactivate or delete user accounts as necessary.

**Post Management**

* Admins can review, approve, or reject posts made by alumni.
* Ability to edit posts for clarity or relevance.

**Analytics Dashboard**

* Provides insights on:
  + Total donations received.
  + Engagement statistics (events attended, job applications).
  + User activity logs.

**Notification System**

* Admins can send out announcements or reminders via email or in-app notifications.

**Content Moderation**

* Admins can ensure that all content posted by alumni adheres to community guidelines before publication.

**User Feedback Management**

* Collect and review feedback from students and alumni regarding their experience on the platform.
* Admins can respond to feedback or implement changes based on suggestions.

**Reports and Export Functionality**

* Admins can generate detailed reports on:
  + Donations.
  + Event participation.
  + User engagement metrics.
* Reports can be exported in PDF or CSV format for record-keeping.

**Bulk User Upload**

* Admins can add multiple alumni or student users by uploading a CSV file.
* This feature simplifies onboarding for large batches of users.

**6. Security and Privacy**

* All user data is stored securely with encryption.
* User accounts require strong passwords and have options for two-factor authentication (2FA).
* Compliance with data protection regulations to ensure user privacy.

**7. Future Enhancements**

* Implementation of a mobile app for improved accessibility.
* Integration with social media platforms for easy sharing of events and opportunities.
* Development of community forums for alumni and students to interact.

**Features and Functionalities**

**User Types:**

1. **Alumni**
2. **Currently Studying Students**
3. **Admin**

**Alumni Login Features:**

1. **Profile**
2. **Donation Page**: Alumni can donate to support poor students or directly to the college.
3. **Event Posting Page**: Alumni can post job vacancies, event brochures, webinar/seminar/workshop details, and internship opportunities.

**Students Login Features:**

1. **Profile**: Students fill in details and upload resumes; the AI model analyzes resumes and suggests relevant posts.
2. **Events Page**: Students can view posts made by alumni, filtered based on their skills.
3. **Career Path Suggestion Page**: AI provides suggestions related to future studies or job plans.

**Admin Login Features:**

1. **Manage Users**: Admins can manage alumni and student users and their details.
2. **Manage Posts**: Admins can oversee posts made by alumni.
3. **Analytics Dashboard**: Insights on donations, event engagements, and user activity.
4. **Notification System**: Admins can send announcements or reminders to alumni and students.
5. **Content Moderation**: Admins can review or approve alumni posts before they are visible to students.
6. **User Feedback Management**: Admins can collect and manage feedback from students and alumni.
7. **Reports and Export**: Admins can generate reports on donations, event participation, and platform activity, with export functionality.
8. **Export Data**: Admins can export alumni and student details in PDF or CSV format.
9. **Bulk User Upload**: Admins can add alumni or student users by uploading a CSV file.
10. **Extra Features**: Admins can add any additional features as needed.