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Seat No: 41

Project ID: 01

Project Title: Placement Registration Form

Stack:

Components	Tech stack
Front End	HTML, CSS, JavaScript
Back End	Django
Database	MySQL
API	openAPI, SOAP API

Problem statement:

A placement registration forum needs to be developed where job roles are posted for students. Only eligible students should be allowed to apply for these roles. It is imperative that students keep their academic details updated regularly. Constraints must be implemented to prevent placed students from applying for additional job opportunities.

Purpose:

The purpose of the project is to develop a centralized placement registration forum for a college, facilitating seamless communication and interaction between students and faculty/administrators. This platform aims to the process of posting company offers, student registration, and college's placement management activities. By providing a user-friendly interface and automating manual tasks, the project aims to improve the overall placement experience for students and simplify administrative efforts for faculty members.

Scope:

This software system will serve as a portal for the placement registration, enabling students to register for companies without filling the google form for each company. The scope of the project includes the development of a web-based platform accessible to both students and faculty/administrators. Key features encompass company offer posting functionality for faculty, student registration and profile management, eligibility criteria management and placement tracking. The platform will integrate authentication mechanisms for secure access and ensure compliance with data protection regulations.

System Overview:

Users:

1. **Admin:** Faculty manage job postings, view student profiles, and monitor placements. They can post new jobs, track student registrations, and ensure compliance with placement policies. Both dashboards provide intuitive interfaces for efficient navigation and interaction, enhancing the overall placement experience.
2. **User (students):** Designed for students, the user dashboard simplifies the registration process by enabling one-click registration for their company opportunities, eliminating the need to fill out Google forms repeatedly. Students can effortlessly explore company offers, apply with a single click, and track the registered companies. The dashboard also facilitates profile management, enabling students to keep their academic details and skills up-to-date.
3. **Faculty:** The faculty dashboard in the placement registration system provides faculty members with essential functionalities to oversee student placements. They can view company listings, track student registrations, and monitor placement status.

Features in Admin Dashboard:

Admin Login:

- Admin logs in and accesses the admin dashboard.

Post New company:

- Admin selects the "Post new company" option.
- Admin fills out the company details form with information such as company name, package, criteria, and registration deadline.
- Admin submits the company posting.
- System confirms successful submission and returns to the admin dashboard.
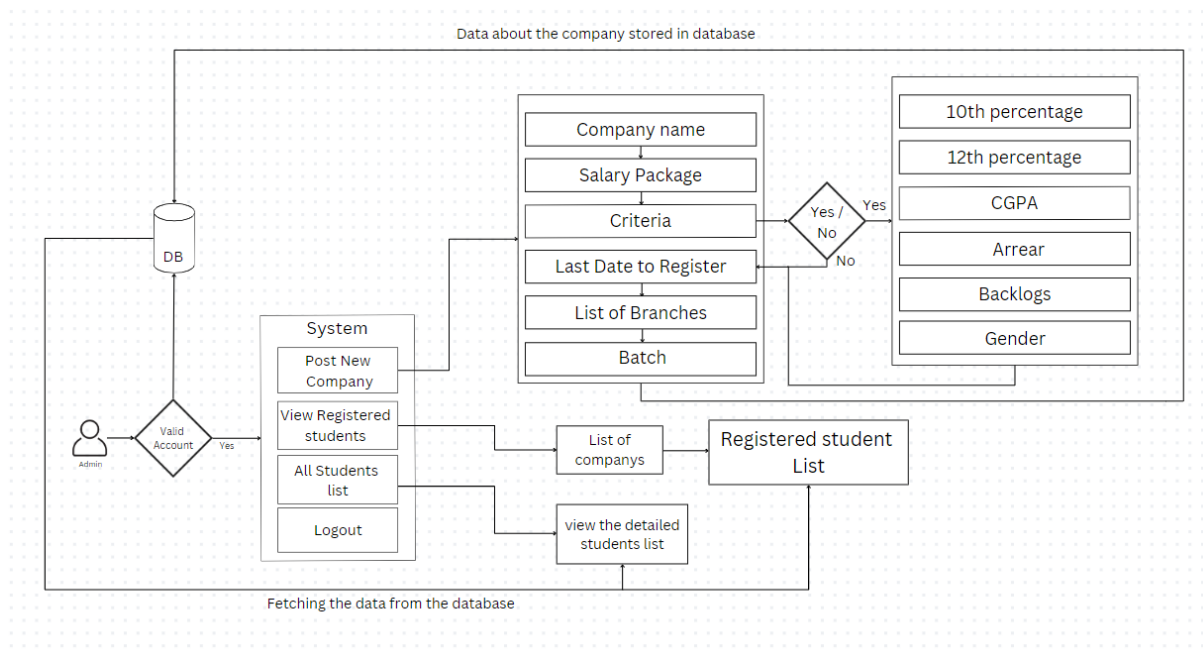
View Registered Students:

- Admin selects the "View students" option.
- System displays a list of posted company details.
- Admin selects a specific company to view registered students.
- System displays a list of students registered for the particular company.
- Admin can view student details such as academic information, skills, and contact details.
- After reviewing student details, admin can return to the list of students or back to the admin dashboard.

View Students list:

- Admin can view the all-students data in detail such as whether they placed or not, their academic information.
- Admin can also update the students details like update the CGPA, placement status.

Logout:

- Admin logs out to securely end the session.

Data about the company stored in database

Features in Faculty Dashboard:

Faculty Login or Register:

- After signing, Faculty are directed to their dashboard.

View Companies:

- Faculty can access a comprehensive list of companies offering job opportunities, showcasing details such as company name, package, criteria, and registration deadline.
- This allows faculty to stay informed about available opportunities for students.
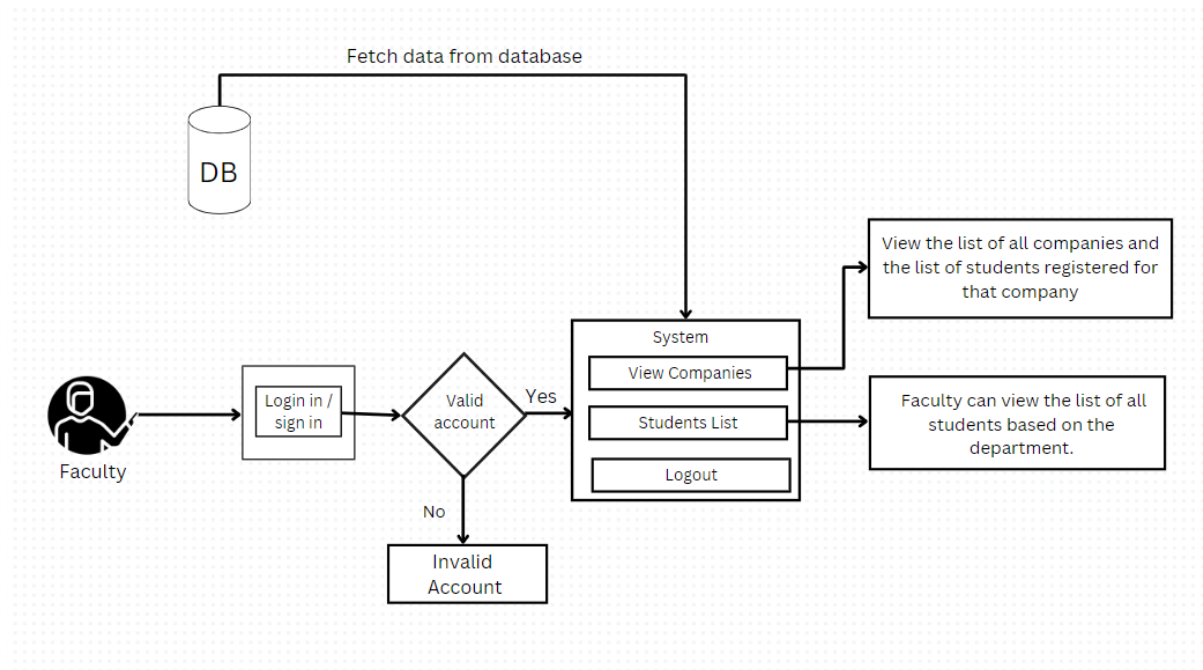
View Registered Students:

- Faculty members have the privilege to view the list of students registered for a particular company.
- This feature enables them to track student engagement with companies and monitor the registration status effectively.

View Students list:

- Faculty can view the all the student's data in detail such as whether they placed or not, their academic information etc.
- Faculty can also update the students details like update the CGPA, placement status.

Logout:

- Faculty can securely log out of the forum to end their session.

Features in Student Dashboard:

Students Login or Register:

- After signing in or registering, students are directed to the student dashboard.
- Students are required to upload a photo of themselves and resume as part of the registration.

View Companies:

- Students can able to view the list of companies offering job opportunities.
- Each company listing includes information such as company name, package, criteria, and registration deadline.

Eligible Companies:

- Students can view a filtered list of eligible companies based on the criteria.
- The criteria may include factors such as 10th & 12th percentage, CGPA, Departments, and the skills known for the students.
- This helps students identify the company opportunities based on their interests and qualifications.

My Companies (Registered Companies):

- Students can able to view the list of companies they have registered based on their criteria.
- This section helps to provides quick access and to track the registered companies.

Profile Update:

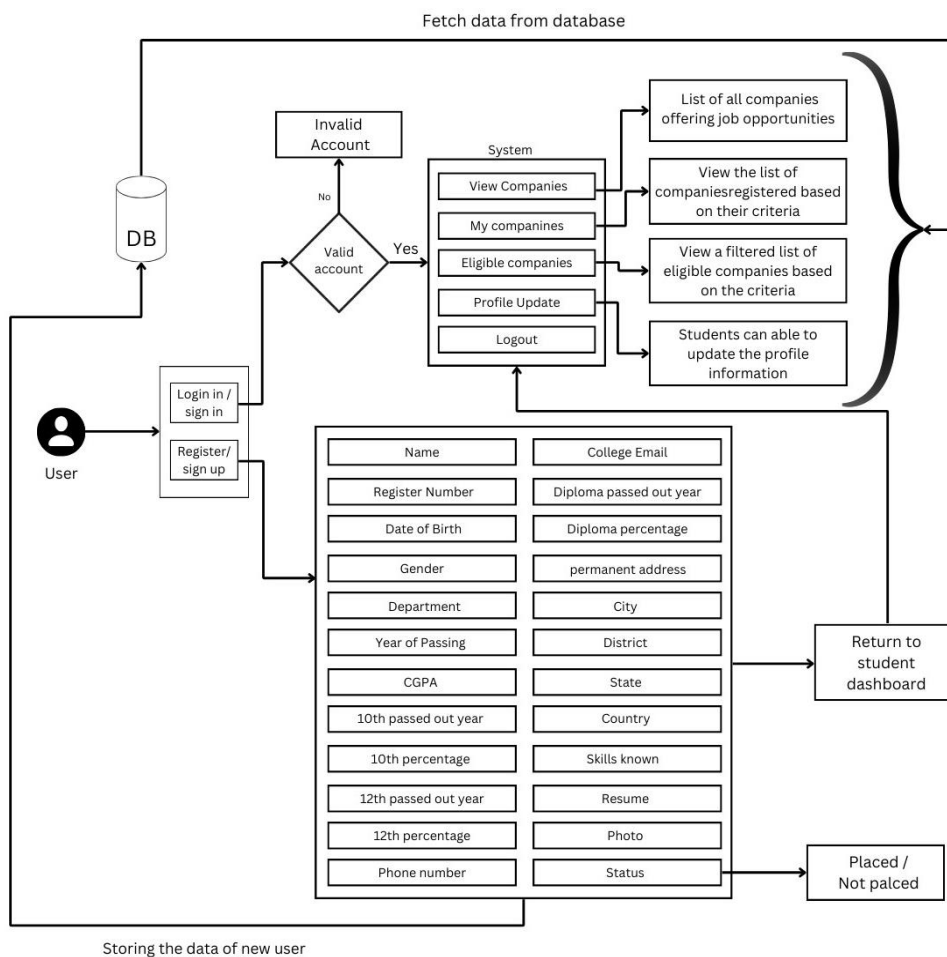- Students can able to update the profile information after registration.

- Profile details may include name, roll number, department, gender, personal information, academic qualifications, skills known, collage email, and contact information.
- Additionally, students are required to upload a photo of themselves as part of their profile.
- Regularly updating the profile ensures that it reflects the most current or up to date information.
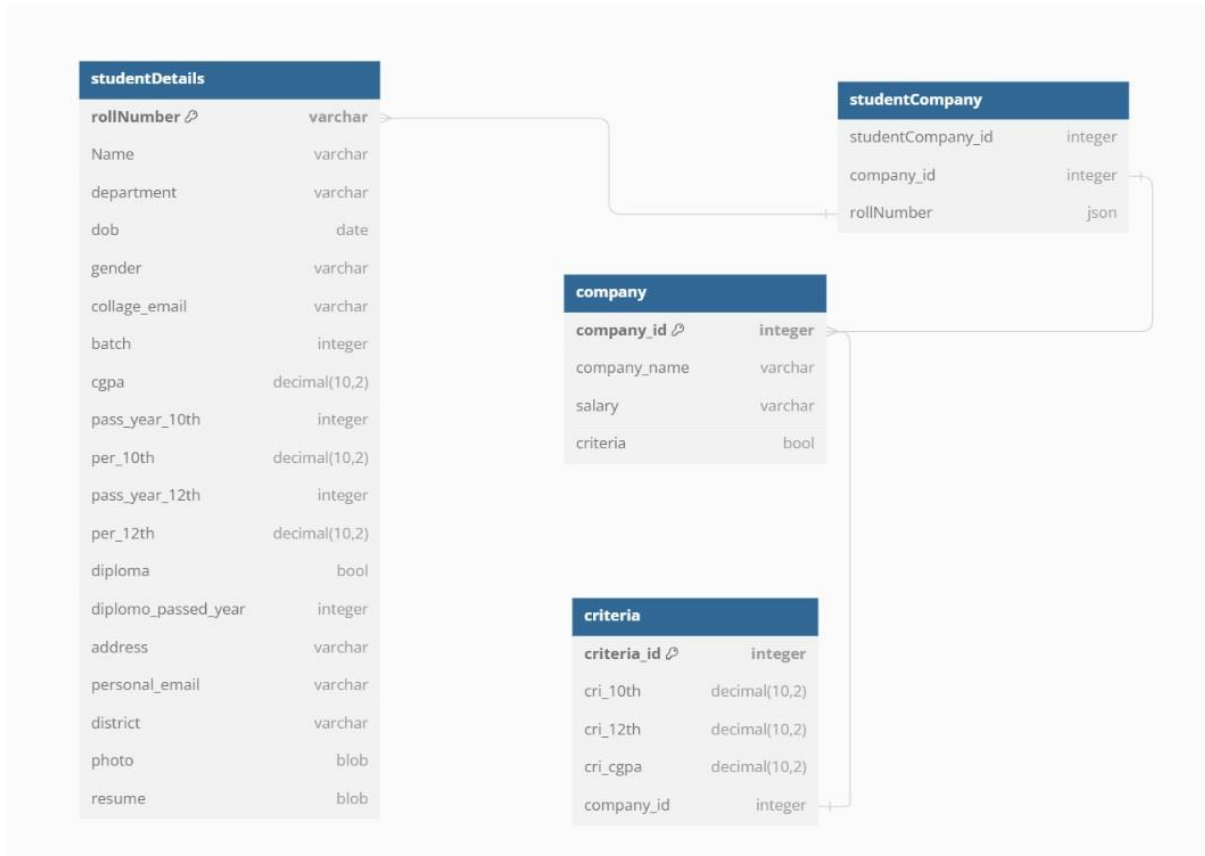
Constraints for Placed Students:

- In the placement registration system, once a student receives an offer letter from a company and accepts it, they are marked as "placed" in the system, which restricts them from registering for further companies.
- This restriction is enforced by checking the placement status of students during the registration process, providing clear feedback in the user interface.
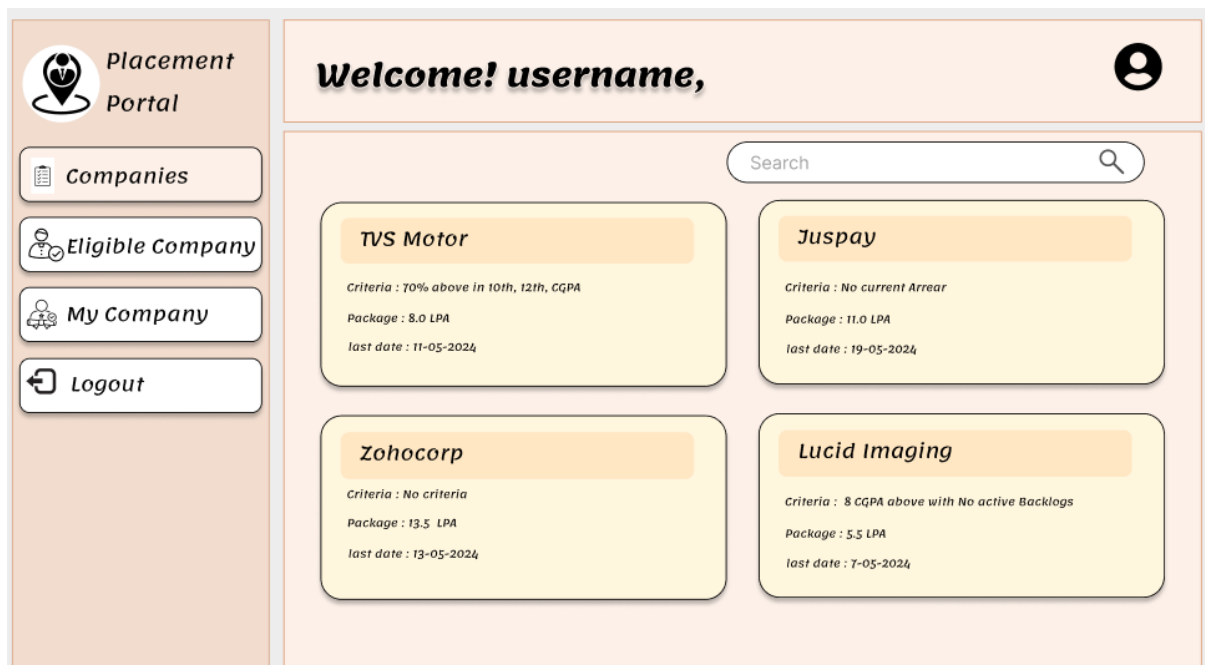
Logout:

- After completing their tasks, students can securely log out of the forum to end their session.

Database:

Sample Design:

Placement Portal

Companies

Eligible Company

My Company

Logout

Search

TVS Motor

Criteria : 70% above in 10th, 12th, CGPA

Package : 8.0 LPA

last date : 11-05-2024

REGISTER

Juspay

Criteria : No current Arrear

Package : 11.0 LPA

last date : 19-05-2024

REGISTER

Lucid Imaging

Criteria : 8 CGPA above with No active Backlogs

Package : 5.5 LPA

last date : 7-05-2024

REGISTER