

Online Student Archive For Recruitment Simplification Purposes

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This project develops a very useful and comprehensive application to students of Clemson University. This developed system is a repository for students to save their academic credentials and other profile data. This system provides all the features and facilities to students who wish to store their academic information at a single place, i.e. this system would act like an online academic shelf to students. This application encompasses all the required features for assisting students in storing their personal and academic details on a database in order to simplify the job recruitment procedure. In this system, students are provided with an option of uploading transcripts to their profile pages so that recruiters can learn about the academic background of students easily. In addition to this, students can also upload photos for their profile pages, upload resumes and other appropriate files that may include images, audio clips, videos and other text files which they intend to exhibit to recruiters. This way, recruiters will no longer have to collect paper-copy resumes from students but rather get authorized access to system, select the appropriate department, gather the desired information by skimming through the records of students and contact only those candidates who meet their requirements for further proceedings. Students can edit their profile information by clicking on the 'update profile' option. This system simplifies the recruitment process and is highly time-effective. Recruiters will use company profile pages that are designated for providing a brief description of their company, post information on job openings and other relevant updates related to their company. In addition, discussion forums would be maintained by recruiters under their company's page, wherein

students can participate and share their views on various issues pertaining to that company. Being active members of the system enables students to become cognizant of a nearing recruitment date and other important events. The role of the administrator in this system would be to monitor the activities in the system and delete content that may be regarded as inappropriate. The system's simple registration process, ease of usage, well-organized structure and comprehensive features that it caters makes it appealing for students as well for recruiters.

System capabilities:

- System ensures that only students of Clemson University and authorized recruiters are permitted to register.
- After successful registration, when students or recruiters enter their user-id and password, the system verifies the authenticity of the login information that was provided.
- The system allows students to store their academic and personal information in it. It also stores the resumes and any other files that students wish to save on their profile pages.
- Once students create their profiles, the system allows students to update the information on their profiles as and when needed.
- System grants special privileges to the administrator to access the records of all students, however only read access is allowed, write access to any of the records is denied. System allows administrator to delete unseemly posts in the profiles and also in the discussion forums. Administrator is also allowed to delete

the profiles of students in extreme cases.

- System provides privacy to the student's information, i.e. each student would be capable of accessing only his/her page.
- System allows students to participate in the discussion forums under the company profile pages that are created and managed by the companies.
- System allows students to use messaging service to send messages to other students, to the system administrator and also to recruiters.

Student capabilities:

- Students can store their information on the system and access it whenever needed by providing a valid user-id and password. Students are allowed to update the information on their profiles.
- All registered students will have access to the contacts page, a page which contains messaging ids of all registered students within the system ordered by the department.
- Students are permitted to look up the contacts page for getting the messaging details of other students. In order to send a message to a fellow student, a student will have to select the department first and then choose the contact who he/she may wish to send a message to.
- Students should be able to send messages to the system administrator and recruiters. Students are allowed to block messages from recruiters who bother them.
- All students are allowed to participate in the discussion forums under the

company profile pages.

- Students can upload their photos to their profiles. This helps the other users of the system to recognize them distinctively.
- Students can delete messages which they receive from other users.
- Students can search for other students in the system by name or by user-id using the search feature on the profile page. They can also make use of the search feature for quick navigation to the desired company profile page among the profile pages of all the companies.

System administrator capabilities:

- System administrator has access to all the profiles and is responsible for deleting inappropriate posts in the profile pages of students. In extreme cases, the administrator is allowed to ban students from the system.
- Administrator also has the ability to notify the students through messaging service. This way, students are alerted in advance of an impending recruitment process, thereby leaving them with enough time to prepare their profiles in accordance with the company's requirements.
- Administrator is also capable of monitoring the activities in discussion forums and deleting posts that may be regarded as inappropriate.
- Administrator is capable of blocking messages from selected students if preferred.
- Administrator has the right to supervise the actions of the recruiters when they are using the system.
- Administrator can search for students by name or by user-id using the search

feature on the contacts page of students. They can also make use of the search feature for quick navigation to the desired company profile page among the profile pages of all the companies.

Recruiter capabilities:

- Recruiters can create their company's profile pages. They are also allowed to provide a brief description of their company, post information on job openings and other relevant updates pertaining to their company.
- Recruiters are capable of viewing the profile pages of all students they are interested in.
- Recruiters can avail the messaging facility that the system supports. Their privileges include blocking messages from students who bother them and blocking further posts from students who make unseemly posts in discussion forums.
- Recruiters can search for students by name or by user-id using the search feature on the contacts page of students. They can also make use of the search feature for quick navigation to the desired company profile page among the profile pages of all the companies.

Task Assignments:

<u>DATABASE DESIGN</u>		
1)	Design And Analysis	Rakesh Akkera
2)	Conceptual Modeling(ER Diagrams)	Rakesh Akkera
3)	Physical Design (Database Schema)	Aditya Kiran R.S Mangipudi
4)	Implementation And Test Data Population	Aditya Kiran R.S Mangipudi

<u>SOFTWARE COMPONENTS DEVELOPMENT</u>		
1)	Student Registration Page	Rakesh Akkera
2)	Recruiter Registration Page	Aditya Kiran R.S Mangipudi
3)	Login Page	Rakesh Akkera
4)	Student Contact Page	Rakesh Akkera
5)	Company Profile Page	Aditya Kiran R.S Mangipudi
6)	Student Profile Update	Aditya Kiran R.S Mangipudi
7)	Photo Upload Feature	Aditya Kiran R.S Mangipudi
8)	Artifacts Upload Feature	Rakesh Akkera
9)	Contact & Profile Page Navigation	Rakesh Akkera
10)	Messaging Service	Rakesh Akkera
11)	Discussion Forums	Aditya Kiran R.S Mangipudi
12)	Search Feature	Aditya Kiran R.S Mangipudi
13)	Calendar	Rakesh Akkera

MANUAL DEVELOPMENT

1)	User Manual Development	Aditya Kiran R.S Mangipudi
2)	Technical Reference Manual Development	Rakesh Akkera