
MANAGING CAMPUS PLACEMENT SERVICES BY HR & TPO THROUGH AWS

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ABSTRACT

We're proposing a smart and easy result for placement conditioning by developing software which manages placement conditioning with stoner friendly GUI. The ideal of this design is to develop a system that can be used by placement cell of a council. The purpose is to design a system that provides functionalities to perform the conditioning related to placement services similar as displaying pupil and company details to each other and affiliate for communication between company and pupil is our TPO. Software development is grounded on complete modular armature. This modularity of the armature will allow us to replace or add modules in the future as a way to enhance a particular point of particular situation. This system can be used as an operation for the TPO of the council manages the pupil information with respects to training and placement. In the present work some of the modules are enforced by means of managing training and placement data. Whereas module responsible for espousing pupil information, company information and study material bear for company placement. produce list of scholars as per company HR director Job Request, provides the list of shortlisted scholars with capsule to company HR director, Export data of shortlisted scholars to list train grounded on Hunt Criteria, manage pupil profile, set preferences for pupil eligibility criteria for placement, Time & Role Grounded Secured Access to druggies. Before coming for lot, company can get information about eligible scholars along with interested scholars.

Keywords: Resource Placement Module, Controller Placement, TPO, Task Scheduling.

I. INTRODUCTION

The management of placement and work-integrated learning has traditionally relied on paper-based systems, databases, spreadsheets, and email communications. However, these methods are often inflexible, time-consuming, and labor-intensive, particularly during out-of-term periods. Many placement websites provide information but lack interactive features for users to take action. The internet and the World Wide Web have revolutionized information provision and action-taking capabilities. Our placement management system, like others, offers information on placement providers and opportunities for students to assess. The Placement Cell aims to provide employment opportunities and training to students, focusing on recognizing their core competencies. Our project streamlines the process, automating data storage and reducing manual updates, thereby minimizing candidate problems in job discovery. The online system facilitates easy and hassle-free job applications, benefiting both students and administrators. It aims to centralize student information for placement administrators to efficiently communicate placement activities via email. By automating processes, reducing paperwork, and improving accessibility, the system enhances the efficiency and effectiveness of placement management.

II. METHODOLOGY

Problem Statement

To enhance the campus placement drives in college the propose system design an interactive application in between college and companies to enhance the number of placements.

Motivation

To increase placements at colleges, it's imperative to enhance communication between the Training and Placement Officer (TPO) and Human Resources (HR) professionals at companies. This can be achieved by establishing seamless connectivity between the TPO, college students, and HR representatives. By facilitating effective communication channels, students can be better matched with opportunities that align with their caliber and skills. This proactive approach not only increases placement rates but also ensures that students are placed in roles that complement their abilities, ultimately benefiting both the students and the companies involved.

III. MODELING AND ANALYSIS

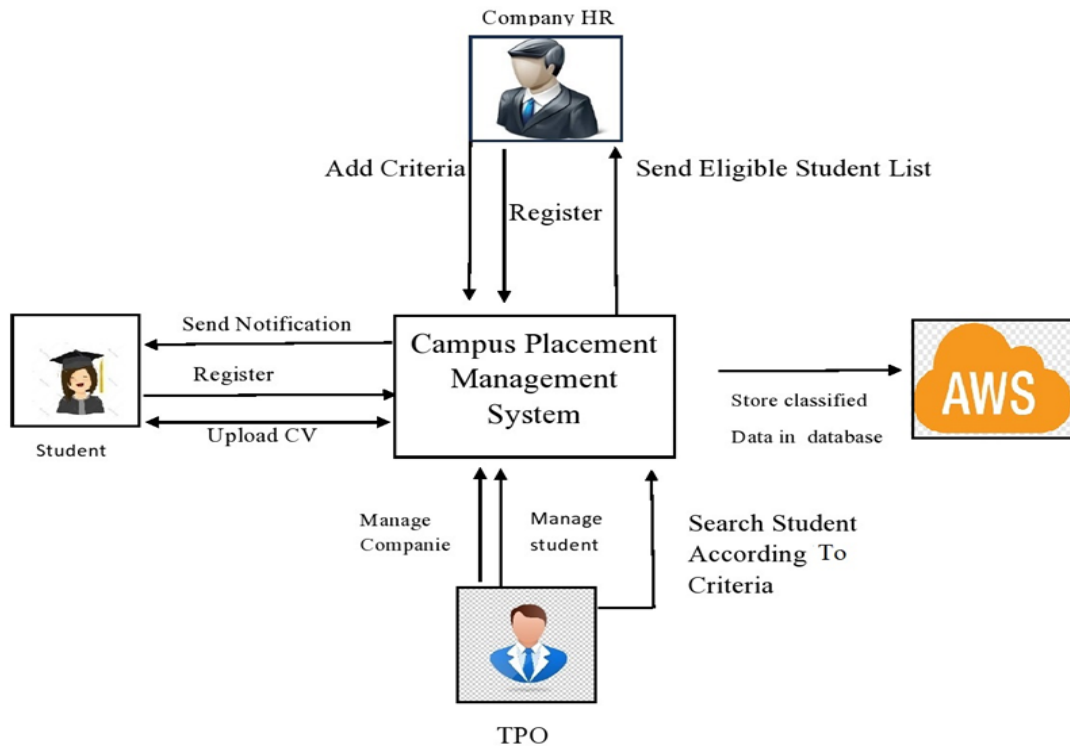


Figure 1: System Overview Diagram

The proposed model for the college study material accessing system involves two main steps.

Step 1: Company HR Access - Company Human Resource officers gain access to the Managing Campus Placement Services by HR and TPO Management system through a registration process that generates valid credentials. HR can register independently, providing their attributes to generate login credentials. Upon successful authentication, HR can perform various tasks including profile updation, adding job profiles, viewing and editing job profiles, setting up interviews by selecting candidates from uploaded data, and finally, selecting deserving candidates and notifying them via email along with the college TPO.

Step 2: TPO Access - College Training and Placement Officers gain access to the HR and TPO management system after completing the registration process and obtaining necessary credentials. TPOs may register independently, supplying their information to create login credentials. Once authenticated, TPOs can perform tasks such as profile updation and entering student information including employment profile requirements like percentage, talents, hobbies, and technical details.

Module Description:

1) Module A: Company HR

- HR Register
- HR Login
- Upload Requirements
- Schedule Interviews

2) Module B: TPO

- TPO Register
- TPO Login
- View Requirement by the HR
- Publish the requirement
- Upload the Resume

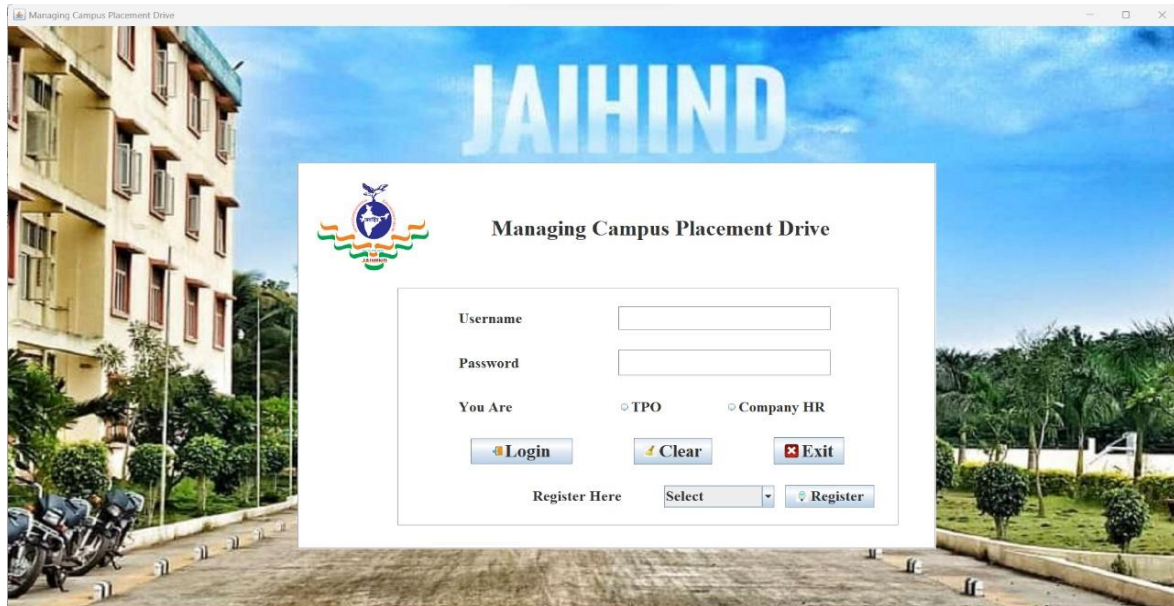
3) Module C: Student

- Student Registration

- Student Login
- View Requirement
- Upload Resume

IV. RESULTS AND DISCUSSION

The implementation of the Campus Placement Management System on AWS offers a scalable, reliable, and secure platform for managing campus placements effectively. Through enhanced collaboration between HR and TPOs, it ensures a seamless placement process, thereby benefiting both students and recruiters.



V. CONCLUSION

By creating software that controls placement operations with an intuitive graphical user interface (GUI), we are offering a simple and intelligent solution for placement activities. The college placement cell is the intended user of the system that will be developed for this project. One of our primary goals in developing this system is to facilitate the various tasks associated with placement services, such as the exchange of information between companies and students and the establishment of a channel of contact between the two parties. The foundation of software development is a fully modular design. We can improve a certain feature or circumstance in the future by replacing or adding modules thanks to the architecture's modularity. Students' training and placement data may be easily managed by this system, which can be accessed through the college's TPO application. Managing training and placement data is one way that some of the modules are put into action in this endeavor. In contrast, the module in charge of accepting student data, business data, and course materials necessary for internships and jobs. Compile a list of candidates in response to a job request from the company's HR manager; then, provide that manager a copy of each candidate's resume. Manage student profiles, specify placement eligibility requirements, and export data of selected students to a list file according to search criteria. Secured user access based on time and role. Companies can learn more about interested and eligible students before they visit campus.

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