

ADVANCED TRAINING AND PLACEMENT WEB PORTAL

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Abstract—Advanced Training and Placement Web Portal automates activities of TPO cell of college that provides opportunities to the students to increase selection ratio and it maintains student's information automatically. Collecting and authorizing the resumes, communicating about the various job opportunities with the students, managing the corporate relationship for inviting them for the placements, provides job openings to the alumni students who are not placed, maintaining information about placed students and then communicate with different users of system. ATPWP system provides the modules like Student (Current/ Alumni student), Administrator (TPO officer/ TPO Staff/ Department staff), Company, Forum. It has the features by using which students can search for the company reviews, Placement papers etc. TPO can arrange mock test and mock interviews using this system. Manage Company Profiles & Job Postings, Authenticate and activate the student profiles as well as company profile, Send Notifications to students, create list of students as per company criteria for Job Request, provides the list of shortlisted student with resume to company HR, send data of shortlisted students based on Search Criteria, Manage student profiles.

Index Terms—TPO, Authorizing, Alumni, Forum.

I. INTRODUCTION

Now a Days, The Internet is most widely used and all systems are being automated. Colleges and universities are also taking the advantage of this automated systems. This led to web based automated training and placement portal developed specifically to manage placement process. This system is called as Advanced Training and Placement Web Portal. ATPWP is a total management and information system, which provides the newest information of all the students in a particular college and about the upcoming job openings. ATPWP helps the colleges to conquered the difficulty in keeping records of thousands of students by making it automated and searching for a student's eligibility for recruitment criteria. It also helps in effective and timely utilization of hardware and software resources. It has user-friendly interface.

ATPWP system is an online application that can be accessed throughout the organization and outside also with proper login provided to users. System can be accessed from

anywhere, anytime. This system can be used as an application for the TPO officer of the college to manage the current and alumni student information with regards to placements. It contains all the information about the students. The system stores all the personal data of the students, like their personal details, their aggregate marks, their skill set and technical skills that are mentioned in the CV to be sent to a company. It also contains the current working company details and working experience of alumni students who are placed. Company members logging in may also access any information put up by Students. They can also make the placement related resources free. Students can search for the material required for the selection process such as aptitude, technical questions...etc. and various websites for placement papers. Internship and other placement related events organized in the college and the achievements of the student's i.e. selected students' details can be viewed by all the users of system.

ATPWP system put the information on portal and the placements they offer so that students may view and assess opportunities for them. It also helps companies coming for campus recruitment process to see student details. Before coming for campus, company can get information about eligible students along with their interest. Anything TPO wants to discuss with the students, he or she can directly inform it online through this portal.

II. PROBLEM STATEMENT

Now a day's campus placements are conducted in all colleges for all the education fields. Various software and other sector companies are conducting campus recruitment process for selecting candidates. When campus selections are conducted the students have to provide their curriculum vitae to the concern TPO officer for attending the campus interviews. This routine process is maintained manually.

Many colleges have automated system but has some limitations. Students uploaded their CVs early in the year, leaving them as it is in time. Lists were produced for each company based on the present information. Students have to check their mail regularly. Searching is done based on the company criteria and requirement. The student will get notify

through mailing only. The students were not being made aware of the T&P activity other than placements. The information like company question paper, CV Format, Job details are not available to the student. There was no record kept of the past students and their working status. There was less communication between alumni or current student with the Training and Placement department. So that this can be improved by designing Advanced software.

III. PROPOSED SYSTEM

The Advanced Training and Placement web portal give easy access to the users that they can add and retrieve information so quickly. The proposed system is fully computerized, which overcome all the drawbacks of existing system. There are mainly four types of users they are Admin, Student, Companies and Forum. The administrator is the master user who performs different functions like approval and authentication.

There are two types of student: Current Student and Alumni student. Current Students can view and update information at any time. Students can edit their CVs. They can provide video CV's and they have to upload their scan documents and update them constantly. Students can access relevant stuff placed online for them. For alumni the last three years' data will be maintained. Alumni will be kept in touch by an automated notification by E-mail/Messages.

Administrators have two different users like TPO staff and Department Staff. The TPO can give an approval to edit information done by the student. In addition, TPO can also search the eligible student based on the company criteria and can generate the list of eligible students. Also TPO can send an automated email to the eligible student. TPO can communicate with the student through the forum module.

They provide the approval and confirmation to the student through automated email system. They can see the information provided by the student like academic progress, contact details, extracurricular activity or other information. TPO can provide mock interview and mock test for the students. They post the study related material in this system. TPO also can provide some information about internship opportunities and provide courses regarding to improve soft skills and written skills. The companies will have to get register for the first time so that their information's like the website, the contact information, placement papers, vacancies will be provided. Companies can edit their own contact information to help to keep it as current. They can also edit information about the company and any vacancies, producing much richer and current information. Companies can view all students that have applied for vacancies, together with information on their available time, application time, cover letters, attached CVs, documents etc.

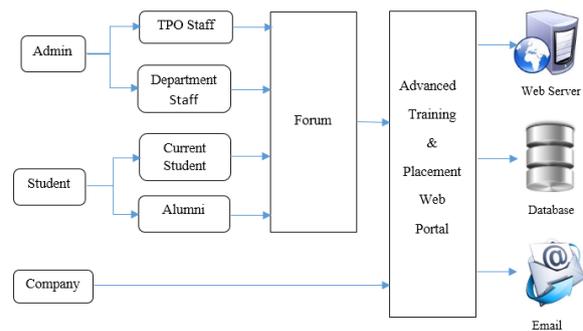


Fig. Block Diagram

IV. IMPLEMENTATION

A Modules in Advanced Training and Placement System.

A. Current Student

In the current student module, once the student login, they will find the news and events at the home page. They can manage the profile by putting all updated information. They can communicate with the other users like admin, placed/unplaced students. They can download the study material and resources provided by the TPO. They can see the company who registered with the system. They can see the jobs provided by the TPO and what is their requirement. Once the student will get the password on his provided email id then student can enter his profile. They have to complete the profile by putting all the required information.

B. Alumni

Alumni can register with this system. Alumni can participate in forum. Alumni can provide a feedback. Alumni can participate in communication. Alumni can share their experience with the other students through forum.

C. TPO Staff

TPO can access and view information of the users. TPO can give active and deactivate status to the user. TPO can see the recently changed /new login. TPO can informed the user about the vacancies by sending automated email. TPO can search and shortlist the students based on the company criteria and can prepare the list and will send to the company. TPO can generate report of the students branch wise. TPO can schedule events about the companies and flash it to every student login as well as front page. TPO can contact with the company and can ask them the detail information about company and job profile. TPO can take automated feedback and can see filled feedback given by students or company. TPO can communicate with the user through forum. TPO can generate the report like Class Wise Report, Company wise Report, Placed student Report, Unplaced Student Report [2].

D. Department Staff

Department Staff can communicate with the Student and TPO through forum. Department staff can check the list of eligible students which is helpful for maintaining their attendance system.

E. Company

Company can register with the college TPO system. In company module, contact information, website, Placement Papers, vacancies will be provided. Company can edit their own contact information. Company can give their own application procedure by providing link for registration. Company can see how many students are eligible based on the criteria provided. Companies have space allocated for resources they wish to make them available for the students. Companies can take feedback from TPO. Company can download the eligible student report. It has been a great pleasure for us to work on this exciting and challenging project. This project proved good for us as it provides practical knowledge of not only programming in ASP.NET and C#.NET Web based application and some extent Window Form & SQL Server, but also about all handling procedure related with “Advanced Training and Placement Web Portal”. It also provides knowledge about the latest technology used in developing web application. This will provide better opportunities and guidance in future in developing projects independently.

V. FUTURE SCOPE

In proposed Advanced training and placement system there is big scope for improvement of the system. We can extend this system for city wise colleges so that we have to maintain only one web portal for city. For the pool campus conducted in our college, we can give limited access to the system to other college students also. Apart from these there is scope for generating many features. The Online aptitude test can be integrated with the online placement system so the student can give the test from anywhere. There can be many more future Enhancement & improvement in the Online Placement System.

VI. CONCLUSION

In the existing Placement system, there was poor communication and opportunities for alumni student. Also current students were not get any guidance from senior students.

Proposed system gets automated. This system provides registration all the user, activation and deactivation of the user, personalization to the user, resources to be provided online, communication between the users, online feedback. Students can update their own data. The admin can see the user's information and will validate it accordingly, generate the student list based on the company criteria, company details can be provided to the user, searching and sorting of users can be done, and reports can be generated. Admin will notify each student by sending mail. Alumni data can be maintained. This system also provide forum which is accessible for the students and admin where each students and admin can chat related to placement activities. Overall the process of the training and placement department is automated and advanced.

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