

Implementation of an Interactive Training and Placement System

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Abstract— Training and Placement (OTaP) is very helpful for providing the job opportunities and helps the students for using collective intelligence to increase selection ratio and also easy the process by managing the information automatically. It verifies the curriculum vitae, informing the different job openings to the students, managing the relationship for inviting them for the placements as well other activities, such as creating the placement reports, observe the progress of the hiring students process and communicating with several students. Online training and placement system provides the different module like Students (Current Student/ Alumni), Main Administrator (TPO/ department Staff), and Forum. It has the features like automated Tool for informing students of Companies updates. It handles Placement process of individual Job posting easily. Manage Company's details, Manage Job criteria's, approve and allow editing the student profiles, Send information to students via mail and sms, Create an excel file with index of students as per post criteria, Set preferences for student eligibility criteria for placement, Time & Role Based Secured Access to users.

Key words: Job Advertisement, Job Hunting, Job Training, Job Posting, Job Search, Content Management System, And Web- Based System

I. INTRODUCTION

The campus drive placement of the student plays a main role in educational college. The use of internet enables users to manage placement process. So the first objective of the system was to help the students to progress their performance. The web based placement system are developed to increase the existing system. Any information that the college TPO wants to share with students can be shared using the email and message services. This system is very user friendly. It helps in maintaining the large information of students profiles.

The student profiles can be editable any time when the students edit the profile also the edited profile need to be approved by the TPO. As there are many new companies was provides opportunities to the experience as well as for fresher students so there are both the students are connected with system. This system saves time as well as money ,the paper work is totally not needed. Students can easily view and manage their opportunities.

II. PROBLEM STATEMENT

Now a day we all are using the internet and World Wide Web. By using this we can get the information of anything. By using this we can do multiple things like booking, apply for any job, etc. The use of internet facilitated users to manage placement process. Various software and other sector companies are conducting campus recruitment process for selecting candidates. When campus drives are attained the students have to provide their resume to the TPO officer for attending the campus interviews. TnP system is online applications are accessed throughout the organization and

outside the organization with provided authorized username and password. This system can be used as an application for the Training and Placement Officer (TPO) of the college to manage the student information with related to placement. Company representatives logging in system and may also access/search any information put up by Students. OP is an application to provide students to register, search for company and apply for jobs. The TPO and the companies to take effective actions on the web as follow-on from the information they have viewed. TPO provides conformation of student registration and updating. OP helps in developing a long-term associated relationship with companies. OP system provides information on placement providers and the placements they offer so that students may assess and view their opportunities for particular company.

III. IMPLEMENTATION DETAILS

A. Admin/TPO Module:

The admin module has an authority to add student and Company to the system and provide their valid id and password. Admin has the supreme power of the application. - Admin provides approval for student and corporate registration. Admin is responsible for maintaining the whole system. Use search engine for searching any data about student with various filter parameters. Admin can delete any profile. Admin can send mail to student and company. TPO module is responsible for approving the students when any new profile is created or any changed in student profile. Only those student will able to access the system, whose successfully allowed by the admin/TPO module. The various events related to the training and placement program is uploaded to the system by entering subject means event name and text that contain detailed information about event. The user can able to change their password by using change password field. Event option shows the event name, date of event, information about the event. Company options display the company name and website of that company. The field about us in the menu bar contains information about the admin module. After the completion of task user will logout successfully by clicking on logout field at the top menu bar.

B. Student Module:

Student module deals with information of student. Student who has added by the administrator to the system successfully can only able to access the system with their valid user name and password provided by the administrator. First student should login into the system by entering email-id as their user name and password. Student can able to update his information such as name, branch, year, aggregate marks, contact number, email, etc. by clicking on Update Details option and also upload their CV. The change password field is used by the student if he needs to change his password as same in the admin module. After completing task successfully by click on the Logout, student can successfully logout from the system.

C. 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.

IV. SYSTEM ARCHITECTURE

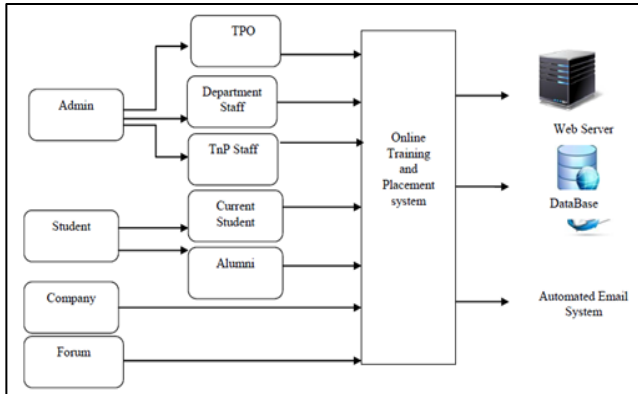


Fig. 1: Architecture Diagram

A. System Features:

1) Database Storage

- Front end is HTML or JSP to create web pages like (home page, user login page, product details page etc.)
- Also store, update and retrieve the user details and product details according to the information registered at the back-end.

2) System Importance:

- Provide privacy to the user.
- To keep users preferences private from everybody including the server
- It has user friendly interface having quick authenticated access to documents.

V. HARDWARE AND SOFTWARE SPECIFICATION(MINIMUM REQUIREMENT):

A. HARDWARE SPECIFICATION:

- CPU—————2.9 GHz (C2D)
- RAM—————DDR 1 GB
- HDD —————100 GB
- Motherboard——Intel 945 GLX
- Monitor, Key Board, Mouse, UPS, DVD Writer etc

B. Software Specification:

- Coding Language——Java,
- Development Kit——Cloud Computing Environment, JDK 1.5, JDK 1.6, JRE.
- Front End —————JSP
- Front End IDE—— Dream Weaver 8.0.
- Development IDE-Netbeans 6.9.1 and j creator .

VI. RESULT AND DISCUSSION

The Home page of online training and placement system is shown in fig.2. After Registering with the system user can login to the system. they can select their user type. After authentication the user will navigated to their home screen.

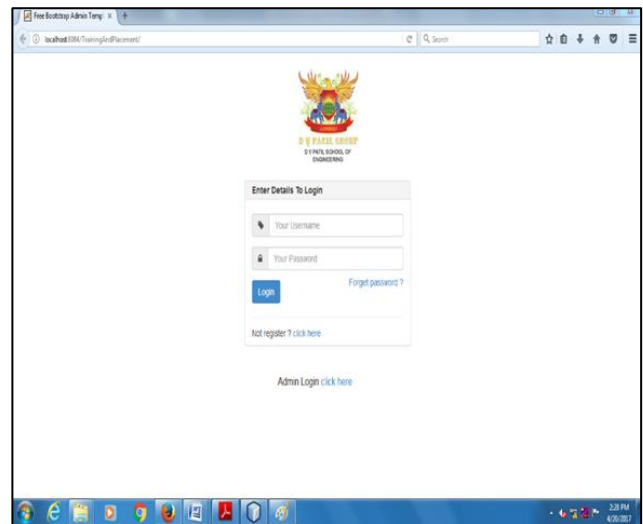


Fig. 2: Home Page.

Fig 3 Shows Student registration page. In this page show Student registration form new Student first registration then apply the jobs.

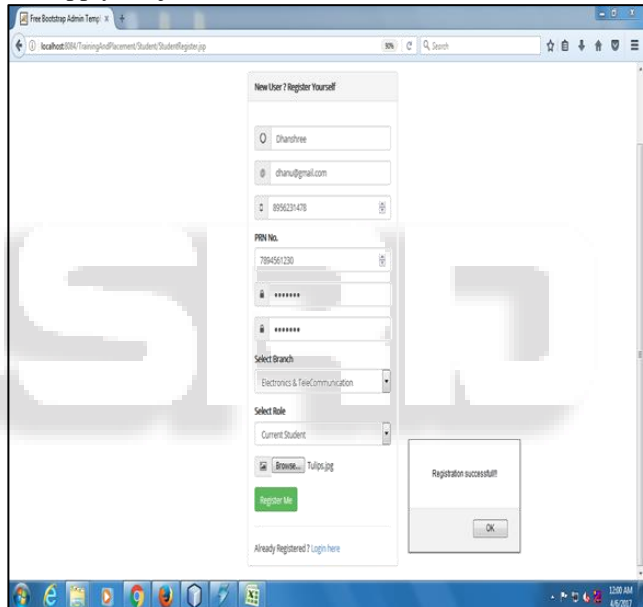


Fig. 3: Student registration page.

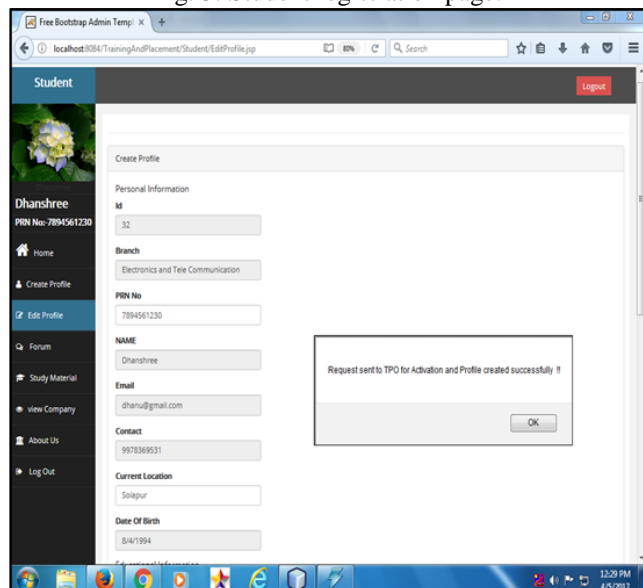


Fig. 4: Update Profile.

This page is Update Profile. This page is used by student update our profile . Automatically request send to the TPO/admin then admin approval by specific student.

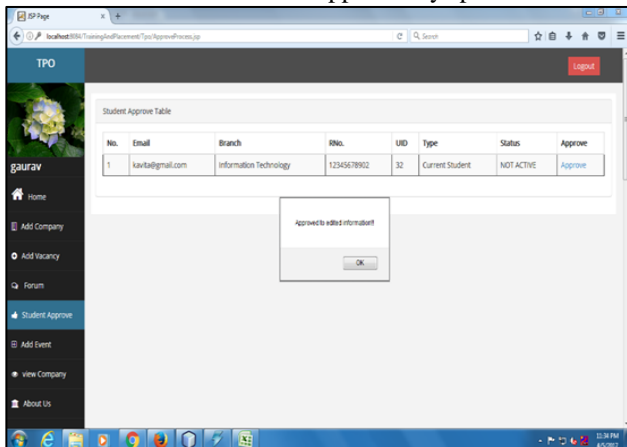


Fig. 5: Student Approve.

This page is student approval this page is used for to admin approve for registered student updated profile then student eligible for the apply job.

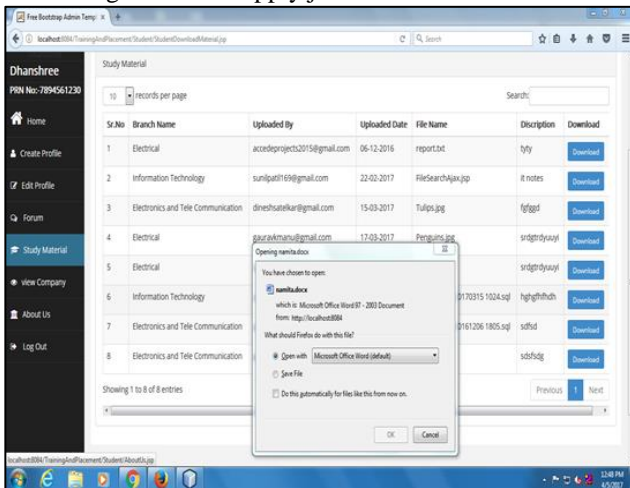


Fig. 6: Download study material.

This page is Download study material from this page. The staff will only upload the material for students.

VII. CONCLUSION

In the existing Placement system, maximum work goes manually and is error prone system, takes time for any changes in the system. This big problem is the searching; sorting and updating of the student data and no any notification method available for giving information to student except the notice board. Proposed system gets automated in the online 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. The admin can see the user information and will validate it, generate the student list based on the company criteria, company details can be provided to the user, searching and sorting can be done, and reports can be generated. Alumni data can be maintained. Now, all the processes of the training and placement department is handle using our system.

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