

ASP.Net Technology Based Training And Placement Management System.

Shaikh Mohammed Salman¹,Kanchwala Taha Juzer²,Ansari Mohammed Abdul Aziz³,

Prof. Shrinidhi Gindi

M.H.Saboo Siddik College Of Engineering,

8,Saboo Siddik Polytechnic Road,

Byculla,Mumbai-400010.

Department Of I.T

Abstract— TPO(Training And Placement Office) is required in every college for placement of students as well as ex-students. In existing system, all processes are handled manually. Students create and submit their CVs early in the year. TPO has to see each and every student marks and their eligibility. If anyone wants to talk with the TPO he has to go in a TPO cabin and take relevant information. The proposed Online Training and Placement application meant to give more easiness to the users that they can add and retrieve information so quickly. There are two types of student: Current Student and Alumni Student. Current Students can review and enter information around the clock and from any location. For alumni the last three years data will be maintained. Students on placement will also use the system to read important announcements, to obtain information on assessment, to see the results of assessments recorded in the system. There are three types of users mainly Student, Administrator and Company. The Administrator is the master user; he gets the most number of priorities than the other users. The Companies will have to get register for the first time so that their contact information, papers, vacancies will be provided. Companies can view all students that have applied for vacancies, together with information on their availability, application time, cover letters, attached CVs etc. First the system is test properly and at the same time, the users are trained in the new procedure. Proper implementation is essential to provide a reliable system to meet organization requirement. Implementation includes all those activities that take place to convert from old systems to new.

Keywords: TPO, Alumini, Authorization,Security,Forum

1. Introduction

The proposed system is about training and placement management. This system can be used as an application for the Training and Placement Office (TPO) of the college to manage the student information with regards to placement. Students logging should be able to upload their information in the form of a Resume[1]. Visitors/Company representatives logging in may also access/search any information put up by Students. TPO is an application to facilitate students in M.H Saboo Siddik College Of Engineering (M.H.S.S.C.O.E) to register search and apply for jobs. The companies and the TPO take effective actions on the the information they have viewed. TPO provides approval of student registration and updating. This system can

be use as an application for college to manage the student information concerning placement. Also helps company coming for campus recruitment to see student details. Before coming for campus, company can get information about eligible students along with interested students. The goal of the Training & Placement Cell of the Institute is to provide employment opportunities and world class training to students of the Institute in leading organizations/Industry. The Training & Placement Cell further provides ample opportunities to the students to develop their personality by conducting programs regularly on communication skills and other soft skills. Training and Placement Management System is a software application to evaluate the students for recruitment process on the basis of their academic results and records. The job of T&P Management System is a unique task that involves talking into consideration many features of the same. Existing system has bottleneck looked upon by TPO's and student of any college. Size of collection of student's records may be very large. To

handle such a large collection of records is a great overhead. It is very over heading task to arrange records according to various streams, match them with the company's requirement. Students can't modify their records themselves and if there is any updation or modification in any records, they have to inform it to T&P Management System and get it updated. It is a time consuming activity of managing, updating and informing specific student for specific company requirements. It takes a lot of space for storage of records and other information regarding companies. Formally technical process used to investigate and measure quality of the developed computer software in terms of correctness, completeness and security. It is imperative to test the software components and the software as a whole for integrity, capability, reliability, efficiency, portability, maintainability, compatibility and usability of the software. This is particularly important in an operating environment where it is planned to be implemented, and testing will need to adhere to the technical requirements

2. Methodology

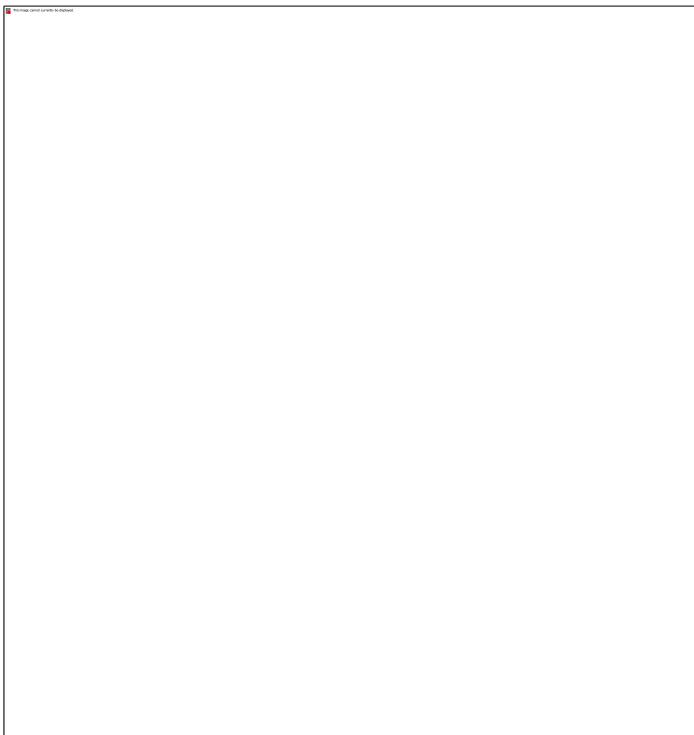


Fig 1

The above figure is a block diagram of Training And Placement Management and it consist of the following modules :

1. Current Student: In the current student module, once the student login, they will see the news and events at the home page. They can manage the profile by putting all the information. They can communicate with the other users. They can download the resources provided by the users. They can see the

company registered with the system. Also they can see the jobs created by the TPO and what is their requirement. Also they can download the material provided by the company. Student can provide the feedback. Also setting option is provided to reset the password. Once the student will get the password on his provided email id, student can enter his profile. They have to complete the profile by putting all the required information. They have to provide the SSC percentage, HSC and diploma percentage are optional if not then put zero. Also student has to provide the information like live allow keeping term (atkt) and dead atkt. And they have to fill the semester wise percentage. The aggregate percentage will be automatically calculated. The reset option is provided to reset the whole profile.

2. Alumni: Alumni can register with the system. Alumni can participate in forum. Alumni can provide a feedback. Alumni can upload a data like e-book, question paper. Alumni can participate in communication. The password setting option is provided.
3. TPO: TPO can access, view and edit information of the users. TPO can give active and deactivate status to the user. TPO can see the recently changed /created login. TPO can generate the vacancy and informed the user by using automated email. TPO can search the student based on the company criteria and can prepare the list and will send to the company. TPO can inform the student about the company through the automated email. TPO can generate report of the student branch wise. TPO can sort the information based on the requirement. TPO can prepare the schedule and events about the companies and flash it to the every student login as well as front page. TPO can reset password of the student. TPO can contact with the company and can ask the detail information about company. TPO can take automated feedback and can see filled feedback given by alumni or company. TPO can communicate with the user-using forum. Conversion of the current student into the Alumni Can add/delete/edit the company Can add/delete/edit the job TPO can generate the report if required by the company or management like Class wise Report, Company wise Report, Placed student Report, Unplaced Student Report.

4. **Company:** Company can register with the college. In company module contact information, URL, Papers, vacancies will be provided. Company can edit their own contact information. Company can give their own application procedure by providing link. Company can see how many students are eligible based on the criteria provided. Companies have space allocated for resources they wish to make available.
5. **TPO Staff:** TPO Staff gives activation and deactivation status to the student. TPO Staff generate the report which required for the management for decision making. TPO Staff uploads the required material for the student. TPO Staff can communicate with the Student, TPO, and Departmental Staff through forum. TPO Staff can communicate with companies and based on the information provided by the companies they can generate the schedule and events and will provide the current student in their login. TPO Staff flash all the notices in the respective student login. TPO Staff generate the information flash it on the front page of the website. TPO staffs can upload/edit/delete the resource placed online. TPO staff can create/edit/delete the jobs. They can view the registered company.
6. **Departmental Staff:** One authorized staff can register with the system. Staff can fill the detailed information required for validation. Staff can upload or download the material required. Staff can upload the information. Staff can participate in communication through forum. Staff can see the any notice sent by the TPO. Staff can see the schedule or event in their login. Staff can see the company and jobs created by admin. Staff can see the registered student and their status .Password setting option are provided.
7. **Forum:** All registered user are eligible to participate in forum. Anyone can start the activity in forum and rest can give reply to that activity. Through the forum, data or link can be provided. Forum can be shown date wise. Forum can be updated topic wise. Forum can be filtered date wise.



1. Main Page

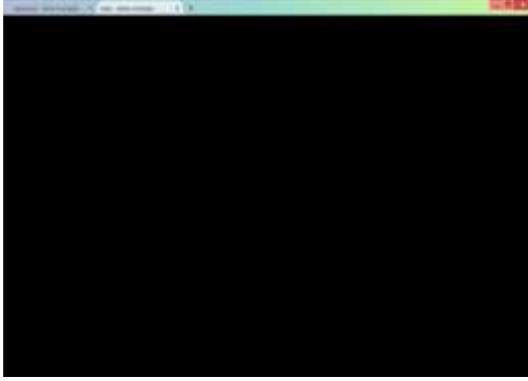
This is the main page where the users get an overview of all the features of Training and Placement.



2. Change Password

This is a page where a user can change his/her current password.

IV Result analysis



3. Login Page

This is the login page where the user can log into his/her respective account using their respective credentials.

8. Conclusion

In the existing system, maximum work goes manually and it is error prone system, takes time for any changes in the system. The big problem is the searching; sorting and updating of the student data. In the Online Training and Placement System provides automation in all the processes. The system gets automated in the online registration all the user, activation and deactivation of the user. 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. Also, Alumni data can be maintained.

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