Training and Placement Cell Manager

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Abstract Training and placement cell manager is a web application which will create a bridge between student and TPO. The main objective of this project is to develop software which manages placement and training activities in college makes a interactive GUI where TPO can manage details of all students and company on his console, he can upload information about placement activities. Although such a project has a very wide scope, this project contains the most important part i.e. displaying the personal and academic information of a student and company, training schedules. Also project provides learning material and mock test for improving student's ability. The students are also provided with the facility of editing some fields like educational details, resumes. The project also allows TPO to enter the information of a student and company which is then stored in the corresponding tables in the main database. He can also delete the student and company information after placement is over from the main database.

Keywords —College, Students, TPO, TPC, Training_placement_cell, Web_Application.

I. INTRODUCTION

Internet these days have gradually become more powerful and distributive, influencing our daily lives on a larger scale. We intend to develop Web Application for the Training & Placement cell and make it accessible to all the students. It includes notifications and regular updates about the cell along with the list of students selected for companies, events and activities, training schedules, placement information, company information, mock tests, Resume builder, Learning material etc., which would provide ease to both the management and the students as well.

The 'Training and Placement cell manager' is developed to maintain the details of student information, trace the details of student also maintain the information about the company availability. Using this project user may know all the details which are provided by the 'Training and Placement'. Users can view the availability of company and dates of passing.

In the same way project is useful for training and placement officer, as they can easily maintain the student records, alumni records, can easily schedules trainings, track the activities, generate the criteria wire students list. Training and placement officer is an administrator of this application and has all the rights to make changes in the data.

II. SCOPE OF SYSTEM

We are designing the application for automation of Training and Placement Cell. The application will be used where the Training and Placement Cell is present for their simplicity of work. In future companies can create their own profile in system. The software can be used in a centralized manner so that all the colleges and companies can communicate through the system. The application will run on any platform.

III. OBJECTIVES

The proposed system has following objectives:

- To evaluate best solution for automating training and placement cell
- To display upcoming Trainings and placements schedules
- To reduce manual Work
- To provide learning material and mock tests for improve student's ability
- To reduce the hassle of moving between multiple excel sheets, PPTs and emails

IV. SYSTEM DESIGN

The system will manage student data with individual student dashboard. It automatically generate resume. The system will automatically filter eligible candidates automatically with the click of the button. Will have hassle free communication between placement cell and the student with both automatic and manual notification with our system. It will Reduce the hassle of moving between multiple excel sheets, PPTs and emails. Our system will contain Drive and Training feedback section. Our system will contain Learning materials with mock tests. Our system will Maintain alumni positions records.
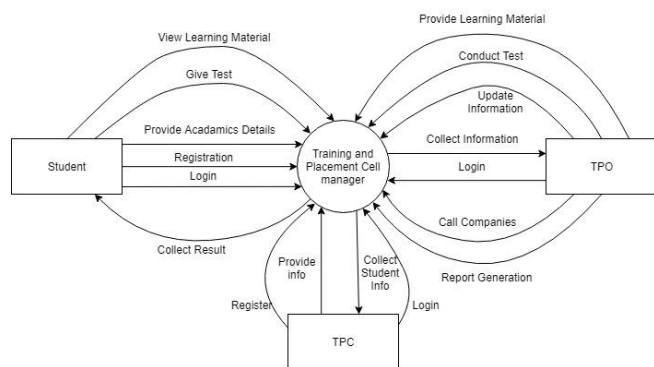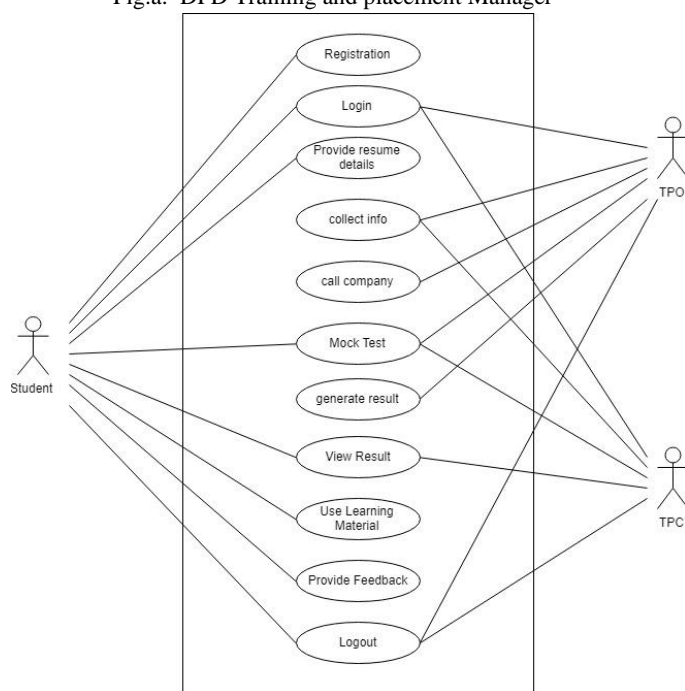
Fig.a. DFD Training and placement Manager

Fig.b. Use Case for Training and placement Manager

V. MODULES

- Student management Module:

There are three actors in this system, Training and placement officer, Training and Placement Coordinator and Student. Student has role to enter, update, view data. And data will we verify by TPC and TPO. The data verified not be editable later. TPO and TPC has rights to give access for change if required.

- Security Module:

Every user has the credentials for accessing the application. Students are verified using their college registration number given at the time of admission. TPO can manage the roles of TPC and Students.

- Resume Builder:

Students can generate resume from entered information.

- Learning material and Mock tests:

Different types of learning material is provided to students, depending on their branches for improving knowledge Mocks test can be conducted through the application.

- Drive and Training updates:

Application has special tab for placement and training related updates. The push notifications are available for notify updates.

- Categories students:

TPO and TPC can categories students on single click, depending on criteria and other factors.

- Report Generator:

TPO and TPC can easily generate reports of placed and non-placed students and also on-campus and off-campus placements.

- Tracking of Alumni:

Using this application student can update their information not only when they are in college but also after completing college. Because of that TPO has information about all the students.

VI. CONCLUSION

From a proper analysis of positive points and constraints on the components, it can be safely concluding that the product will be highly efficient in many colleges. Also the user interface is user friendly. Generally, the TPO's of the colleges has to face a lot of problems in managements of the student information. This all information has to be managed manually. So, there is a need to develop a system that can solve the mentioned problem. This software comes with just that solution.

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