

An Automated Training and Placement System

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Abstract: *An Automated training and placement system is aimed at developing an online website for the training and placement dept. of the college. The system is an online application that can be accessed throughout the organization and outside as well with proper login provided. An Automated training and placement can be used as a website for the training and placement office 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 cv. visitors/company representatives logging in may also access/search any information put up by students. ATaP system provides the module like Student (Current Student/ Alumni), Administrator (TPO/ TnP Staff/ Departmental Staff), Company and Forum.*

1. Introduction

In these day's everyone seems to move for jobs after completion of their graduation. It has become need for every student, but for that they need to travel worldwide in searching of jobs. For simplicity of these whole hectic procedures we had proposed Online Training and Placement System because of earlier system is totally done manually by maintaining records, time consuming and very difficult to maintain coordination between student and companies. In our proposed you will save time as well as money as its web based application. We can collect information of all college students and fetch them according to criteria given by company. We have three modules Admin/Training and Placement Officer(TPO), Student and Company. Admin has full access reserved over the system. Student's can mainly upload their CV and can download resources by Admin/TPO and Company. Company can register and give their criteria for placement. Whatever the information, TPO has to pass to the student and he or she can inform online. Improves accuracy in result. It is user-friendly interface having quick access to documents. It maintains the details of the each and every student. It will reduce the paper work. Before coming for campus, company can get information about eligible students along with interested students.

2. Literature Survey

This system can be used as an application for the Training and Placement Officers(TPO) of the college to manage the student information with regard to placement. Students logging should be able to upload their information in the form of a CV. The key feature of this project is that it is a onetime registration. The application provides the facility of maintaining the details of the students. It also provides requested list of candidates to recruit the students based on given query. Administrator logging in may also search any information put up by the students. This project will aid colleges to practice full IT deployment. This will also help in fast access procedures in placement related activities. This led to a unique web-based placement management system developed specifically by the placements practitioner and the software programmer to become Online Training and Placement System (OTaP).

The users can access easily to this and the data can be retrieved easily in no time. In the student registration form, we can give personal details, educational qualifications, and professional skills and upload resume. The job details of the placed students will be provided by the administrator. The job provider and the placements coordinator to take effective actions on the web as follow-on from the information they have viewed. The administrator plays an important role in our project. He provides approval of student registration and updating.

3. Aims and Objectives

3.1. Aim

- The main aim of developing this website was to reduce maximum chances of errors in manual work.
- Save time for the process.
- Also students get notified by the SMS instantly.
- Conducting online Mock Interviews and Group Discussions

The system consists of my drawback such as paper work. Proxy could be used for fraud attendance is the major loophole of the system. Lecture timing is consumed. Blacklist is maintained by teacher. Human error is very much possible.

3.2 Objective

- To prepare students ready for industry employment.
- To provide Training and Employment opportunities for students.
- To provide industry institute interaction.

4. System Development

Work in the application will be done in the following way:

1. The categories of CVs are decided and uploaded and define it formally.
2. A server is used for storing the CVs.
3. The front-page of the system is created giving a brief description about the system and a login box
4. Other sub-systems like automatic notification, screens for various events are created. Like some companies visiting the campus for placements.

Statistics of the previous year's placements. Current Placement scenario

5. A role of approver is also introduced. When the student uploads his/her CV, the approver should approve the document and only then can it be uploaded. (Make appropriate assumptions).

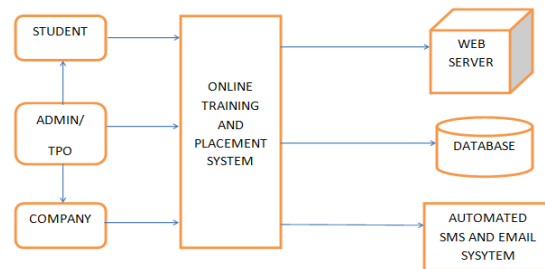


Figure 1. Block Diagram

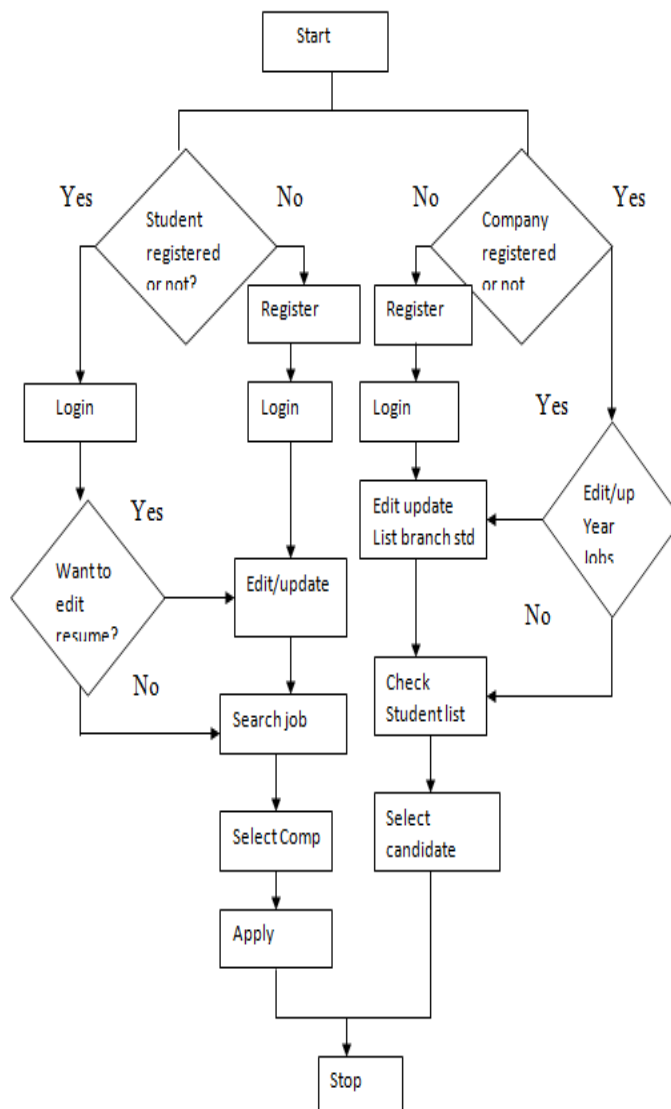


Figure 2. Process Flow Diagram

5. Future Scope

The system is designed at the maximum possible excellence. So we still accept drawbacks, as it is a human effort. This system cannot provide the sms integration. Hence, it can be modified to give the sms integration. The system can be made more users friendly. The program is coded in structured manner so we can include future enhancement. There is scope for improving the system and generating many more features. Without affecting the functionality of the system the software can be extended. In future, we can place the system on the cloud so the maintenance of the data can be reduced. The exam system will be integrated with the ATaP system so the student can get the result directly. There can be many more future enhancements and improvements in the ATaP system.

6. Conclusion

As the technology is growing at a faster rate the usage of manual systems is reduced. We have planned to develop automation for Training Placement Cell Automation. This automation is developed based on a web application so the training and placement cell works are processed within or without the organization with authorized people. In placement cell the records are maintained in paper formats and tedious work to short list the students according to the company requirements. To overcome this problem, records of the students are updated by the authorized administrator. There will be a unique user name and password for the administrator. The student only views the details of the records. Only the authorized administrator should have the rights to insert, delete and update information into the database and must short list the candidates required for the company.

7. References

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