

A Survey on Android App for Training and Placement cell

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ABSTRACT

Training and Placement Cell is important part of any educational institute in which most of the work till now is being done in manual way. The main aim of this project is the automation of Training and Placement cell of SRES college. The system is an application i.e. managed by Training and Placement Cell of SRES College for placement activity. The main feature of this project is automatic email generation and sending. In this TPO will feed the criteria and the notification will be sent to the eligible students automatically. Students can directly apply for the company using the apply function which will be provided by the system. The application also provides facility of maintaining details of students along with the placement records of the college. There is also facility of communication wall through which user can post their queries and answer them. The project will provide maximum optimization, abstraction and security along with minimum manual work. The project will helpful in faster management of the placement related activities in the college campus.

Keyword: -Automation, Android, Database server, web Server, Smart phone

1. INTRODUCTION

The use of smart phones, Internet and World Wide Web revolutionized the provision of information and the amenity for the user to take action on the information gained. The use of internet enables users to manage placement process. This lead to a web based placement management system developed specifically by the placements practitioner and the software developer to become Online Training and Placement system.

This system is an application that can be accessed by the student through their smart phone as an android application and the high authorized person(TPO, Principal, HOD, Department coordinator) through desktop as web application with proper login provided. This system can be used as an application for the Training and Placement Officer (TPO) of the institutetomanagethestudentinformationwithregardstoplacementandalsocarriedoutthe placement activity. Students logging in should be able to upload their information in the form ofaresume,Personaldetails,Academicdetails. TPO,Principal,HOD and Departmental coordinator loggingin can access/search information put up by Students W.R.T. their authority.

This system is an application to facilitate students in Sanjivani Institute to register themself for placement, access visited company information, search and apply for jobs. TPO provides approval of student registration and updating, sending email to the eligible student, feedingthenotification. Thissystemprovidesinformationaboutthecompanywhichistobe visited to the institute for the recruitment, number of student placed in the company, placed

students review, also institute placement policy, information about placement activity so that students may view and access their opportunities.'

This system is designed to improve the working of existing system. Improve accuracy in result. This system has user-friendly interface having quick authenticated access to documents. It provides the facility of keeping the details of the students. It will mitigate the paper work and utilize the maximum capabilities of the setup and organization also it will save time and money, which are spending in making reports and collecting data. This system can play a vital role for institute to manage the student information concerning placement.

2. LITERATURE SURVEY

In this section we discuss the different Methodologies Review/ Literature Review and Motivation Outcomes from it.

2.1 Review of Methodologies

This paper describes the solution for problem which occurred in existing manual system. The major problem in existing manual system is searching and updating of the student data. The proposed system provides automation in all the processes like registration, update, and searching of the student data. Also if student are eligible for company then the student can directly apply for the company by only clicking on apply button [1].

This paper describes the idea about the users and their authority. This makes the application more easy and attractive. There are mainly two users: TPO (administrator) and student. The admin is the master user. Admin has the more number of priorities than the other users. The different functions involved are updating, approval. Student can register and can view/edit their profile details. This paper also describes the idea of automated email sending to the eligible students [2].

This paper describes the two steps, the first one is to maintain the list of students and their records and other is to maintaining the company details and based on the company requirements, make the list of students branch wise, which is more complex task. [3]

This paper describes about feeding the criteria by the TPO and system will generate and send automatic email to eligible students. Also the paper describes about the process of feeding information about upcoming company by the TPO and dynamic notification generation by the system. [4]

This paper describes about the connectivity issues in development of system. [5]

2.2 Motivational Outcomes

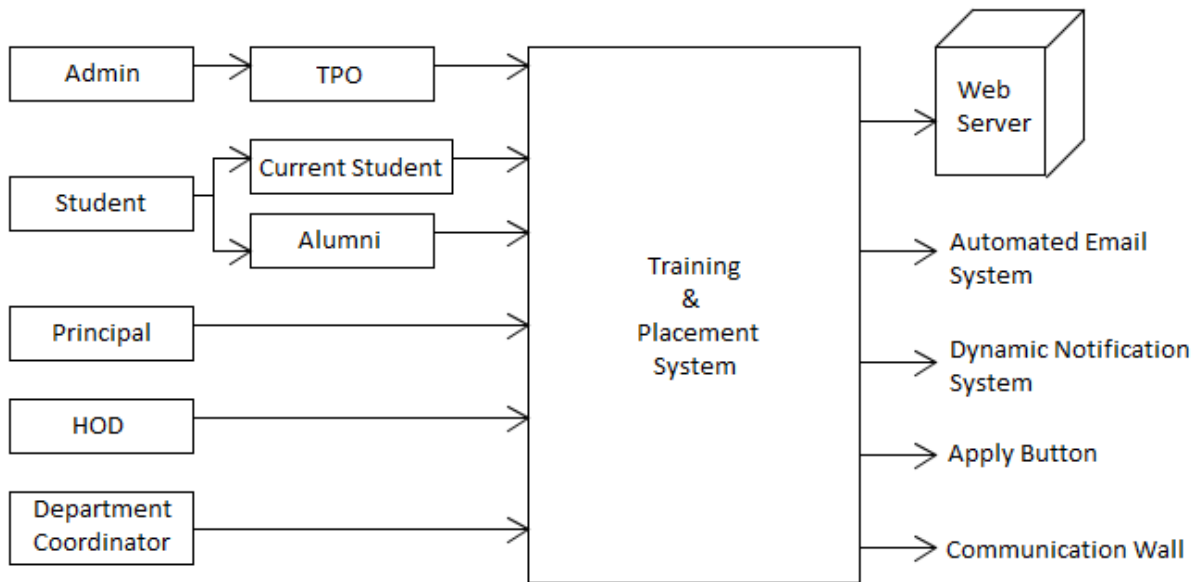
The different outcomes are motivated for the current system by reviewing the methodologies explained in Section 2.1 as follows:

- Till now, notification about placement activities is being done manually, by the proposed system there will be dynamic notification generation and sending to the students.
- The system will provide facility of sending automatic email to the eligible students.
- The eligible students can apply for the company using apply button.
- User can post queries and answer to them by using communication wall.

3. SYSTEM OVERVIEW

One authorized Departmental coordinator can register with the system. Staff can give the important materials to students for that will be helpful for the placement. They also uploads/download the information.

The TPO will feed the information about the upcoming companies along with the information about the company and any vacancies, thus producing much richer information, and a sense of ownership for the company.



Role of User in the system:

TPO:

TPO is the administrator of this system. TPO can be a TPO for Engineering, Polytechnic and Pharmacy. TPO is able to view the student details of all departments. TPO is able to upload the required material for the student. TPO can communicate with the Students, Principal, HOD and Departmental coordinator through communication wall. TPO can feed the notification about the events that will be conducted by the T&P cell, also about upcoming company. TPO can send the email to the students who will be eligible as per the company criteria. System will retrieve list of students based on the company criteria and send it to the company. TPO can generate report of the students department wise. TPO can sort the information based on the requirement.

Students:

Once the student login, they can create and edit their profile. They can handle their profile by putting all the information. They create the profile by entering their personal, academic information, and also can upload his/her resume. They will come to know about forthcoming company through notification and student can be apply to the Company if student is eligible to the company. student can also view, download the visited company aptitude question paper. They can communicate with the other users through the communication wall. Student will also get the notification which is feed by the TPO.

Principal:

Principal can be for engineering, polytechnic, pharmacy college. Principal can view the student profile of respective branch. Principal can download the student resume. Principal can upload the data. Principal can communicate with other user through the communication wall. Principal will also receive the notification which is feed by the TPO.

HOD:

HOD can be for engineering, polytechnic department. HOD is able to view the studentsprofile of the respective department. He can download the student resume. HOD can communicate with other usersby making use of the communication wall. HOD will also receive the notification which is feed by the TPO.

Alumni:

Alumni can register to the system. Alumni can participate in communication wall for communication with other user. Alumni can upload data like important documents, question papers etc. Alumni will also receive the notification which is feed by the TPO.

Departmental coordinator:

One authorized staff can register to the system. He can fill the informationrequired for validation. The Staff members can upload or download the material/data required. Staff can upload the information.Coordinator can participate in communication wall. Departmental coordinator can view the notificationsthat are feed by the TPO.

4. CONCLUSION

Thus hereby weconcludethattheproposedsystem removesallthedrawbacksofexistingsystemand enhanced with the automatic e-mail system and dynamic notification system. The proposed system gives the automation in all the processes like registration, updating,searching. It provides the detailed solution to the existing system problem.

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REFERENCES

- [1] Mr. Nilesh Rathod, Dr. Seema Shah, Prof. Kavita Shirsat,“*An Interactive Online Training and Placement System*”,International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 3, Issue 12,2013.
- [2]Prof. Seema Shah Assistant Professor, Mr Nilesh Rathod,“*Design Paper on Online TrainingandPlacementSystem(OTaP)*”,InternationalConferenceonEducationandEducational Technologies,2013.
- [3] Prof. Shilpa Hadkar, Prof. Snehal Baing, Prof. Trupti Harer, Prof. Sonam Wankhede, Prof.K.T.V.Reddy, “*College Collaboration Portal with Training and Placement*”,IOSR Journal of Computer Engineering (IOSR-JCE), Vol.16, Issue 2, 2014.
- [4] Zirra E., March F., Building University - “*Enterprise Cooperation for the Benefit of Students, Enterprises and Companies*”,EUI-Net workshop, 2006.
- [5] V. levenshtein,“*Binary codes capable of correcting spurious insertions and deletions of ones*”, Problem of Information Transmission, volume no 1, no 1, pp. 8 to 17, 1965.

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