

Placement Controlling and Monitoring Through Android App

^{#1}Rohit Phadtare, ^{#2}Prashant Shelake, ^{#3}Chetan Borhade,
^{#4}Azeem Abbas Sayyad



¹rohitphadtare96@gmail.com
²prashantshelaket04@gmail.com
³chetanborhade17@gmail.com
⁴azzy.jaff72@gmail.com

^{#1234}Department of Computer Engineering
KJCOEMR, SPPU Pune, India

ABSTRACT

The purpose is to design a system that provides functionalities to perform the activities related to placement services. It is based on complete modular architecture. This modularity of the architecture will allow us to replace or add modules in the future as a way to enhance a particular feature of particular situation. This system can be used as an application for the TPO of the college manages the student information with regards to training and placement. In the present work some of the modules are implemented by means of managing training and placement data. Whereas module responsible for adopting student information, company information and study material require for company placement. Create list of students as per company HR Manager Job Request, provides the list of shortlisted student with resume to company HR Manager, Export data of shortlisted students to list file based on Search Criteria, Manage student profile, Set preferences for student eligibility criteria for placement, Time Role Based Secured Access to users. Before coming for campus, company can get information about eligible students along with interested 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.

Keywords: Resource Placement Modules, Controller placement, TPO, Task Scheduling, Monitoring and Visualization, Recruitment

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I. INTRODUCTION

This project is aimed at developing an Android application for the Training and Placement Department of the College. The system is a Android application that can be accessed throughout the organization with proper login provided. This system can be used as a Android 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. Our project provides the facility of maintaining the details of the students. It also provides a 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.

II. PROBLEM STATEMENT

Students choose a specific college where the placement will be held, there is a need to maintain all these papers, causing large amount of space. It is manually done, chances of missing, difficult to handle the details of student. Students created and submitted their CVs early in the year, leaving them frozen in time.

Lists were produced for each company, and students had to regularly travel in to review the notice board. The process was slowing; valuable academic time was diverted from activity that is more useful. Searching is done manually based on the company criteria TPO will identify the eligible student by looking the list sheet. TPO has to see each and every student marks and their eligibility.

III. LITERATURE SURVEY

Title	Author	Year	Review
Large-Scale Dynamic Controller Placement	Md Tanvir Ishtaique ul Huque, y Weisheng Si,z Guillaume Jourjon,y and Vincent Gramoliyx	2017	Although in this paper we have emphasized the use and the importance of the open search technique to maximize the utilization of controllers, we have also offered an alternative search technique for those scenarios in which the open search technique is not applicable.[1]
Analysis of Resource Management and Placement Policies using a new Nature Inspired Meta Heuristic SSCWA avoiding Premature Convergence in Cloud	Preeti Abrol, Dr. Savita Gupta, Karanpreet Kaur	2016	The framework for the cloud is proposed such that it includes the Resource Management and Resource Placement modules of cloud to solve global optimum problem of premature convergence faced by other swarm intelligent algorithm for Resource Placement in the Pass layer of the Cloud.[2]
Enhancing Digital Forensic Analysis through Document Clustering	Vidhya B, Priya Vijayanthi R	2014	Forensic analysis is the uses of documented and controlled analytical and placement techniques to identify collect examines and preserve digital information[3]
Paper on Online Training and Placement System(OTaP)	Mr. Nilesh T. Rathod, Prof. Seema Shah	2013	The proposed OTP system gives the automation in all the processes like Registration ,Updation , Searching It provide the detail solution to the existing system problem[4]

IV. PROPOSED SYSTEM

This project is to facilitate students in college, company to register and communicate with Placement Office. The users can access easily to this and the data can be retrieved easily in no time. In the main page there are options for a new register, a registered student to directly login using username and password, submit resume. 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 administrator plays an important role in our project. They provide approval of student registration and updating. In this project we create a search engine for administrator, who can search everything about the student and company.

Architecture explanation

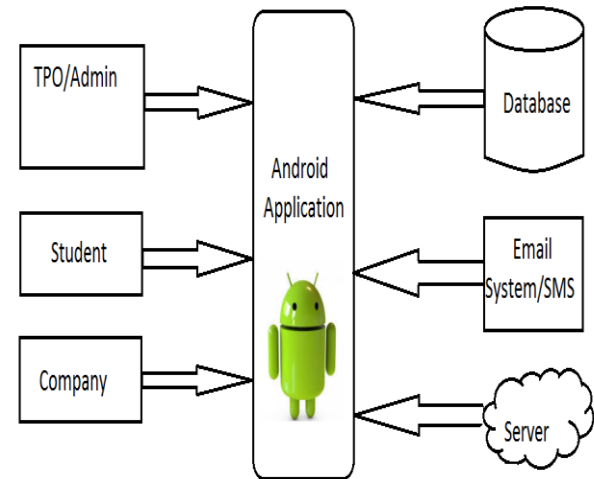


Fig 1. System architecture

Placement Controlling and Monitoring System: is a centralized system where TPO, Student, Company are the Users of the system. In the architecture of Placement Controlling and Monitoring System TPO is contributing for control of system. The TPO is the main admin of the system. The another important parts of the training and placement system are student and company for which system designed. server and database is used in system to store data .Database is the main part of the this system. Automated email system is also provided in it for easily inform to the student. In this system automatically information regarding with campus is send it to student. In overall architecture data is stored and then as per rule and condition data is obtained and further more processing applied on it such as making report and sending mail to student

Admin:

- 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.

Student:

- Student of the college is the user of this application.
- New student needs to sign up with basic details.

- Reregistered student can login using unique username and password.
- Student can submit resume and update profile information.
- Student can download their profile as PDF format.

[3]Vidhya B, Priya Vaijayanthi R”Enhancing Digital Forensic Analysis through Doc-ument Clustering”,2014

[4]Mr. Nilesh T. Rathod,Prof. Seema Shah”Design Paper on Online Training and Placement System(OTaP)”,2013

Company:

- Another type of member of this application is corporate.
- To communicate with Placement Officer, Company needs to sign up.
- After approved by Placement Officer Company can search the all of the students’ information.
- Company can mail to Placement Officer

Common features:

- Every registered user can change their password and upload new profile picture.

Process of registration for the users:

A Student or company who wants to join the application must have to fill a form for their registration which contains the information of the user.

A unique username and password is assigned to every user so that the condition of consistency satisfied. Some options are provided for the user so that they can use the application. They are as follows:-Login:-To use the application a user must have to login. When user click on the login option a form containing fields for the username and password appear. The user has to fill the information and if the username and the password are correct then he/she is allowed to use the application. If the username and the password filled by the user is not correct then a notice appear to the user regarding this condition and he/she can’t use the application

V. CONCLUSION

From a proper analysis of positive points and constraints on the component, it can be safely concluded that the product is a highly efficient GUI based component. This component can be easily plugged in many other systems. Also the component is user friendly. Generally the TPO’s of the Colleges has to face a lot of problems in management of the Students 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.

REFERENCES

[1]Md Tanvir Ishtaique ul Huque,Weisheng Si, Guillaume Jourjon.”Large-Scale Dy-namic Controller Placement”,2017

[2]Preeti Abrol, Dr. Savita Gupta, Karanpreet Kaur.”Analysis of Resource Manage-ment and Placement Policies using a new Nature Inspired Meta Heuristic SSCWA avoiding Premature Convergence in Cloud”,2016