



INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

A Review On Placement Management System

¹SPOORTHI M S, ²KAVANA V, ³KOUSHIK S N, ⁴VEENA M

¹Student, ²Student, ³Student, ⁴Associate Professor

^{1,2,3,4} Department of Computer Science and Engineering

^{1,2,3,4} Alva's Institute of Engineering and Technology, Mijar, India

Abstract: The Placement Management System is developing as an attempt to Keep track of companies and students by restricting such a large database to that of a specific class of students or companies. The System provides the facility of viewing both the personal and academic information of the student and company. You can also search for eligible students or companies, or admins can insert or delete Records. In this paper we are explaining how the management system was built using Android studio, HTML, CSS, XML and JavaScript etc.

Index Terms –Placement, Android Development, Training, Web Development.

I. INTRODUCTION

Android is the creation of a mobile app that can be used advertising purposes. Initially, the batch management system required a high level of human resources. It took longer to get access to the information. This system for managing placements. The application has a simple user interface and allows users to view their future events and placement drives and everything related to interview. Web portal-Managing placements by the placement officer needs more time and manpower. To help them save time and effort, a web portal will be set up for them.

Placement and Training A cell is an important aspect of any educational establishment, where the majority of the work is still done by hand. Every training and placement activity must be communicated to thousands of students by the training and placement officer. An Android application can be designed to make the placement process easier and more successful for the training and placement department as well as the students.

This software can assist placement officers in providing information about forthcoming companies. Students will be notified. By way of a notification After the recruitment process is completed, a list of students who have been placed will be created. The administrator has uploaded the data into the application It's easy for students to watch the video. Information about those who have been enlisted.

When students need to know how many students were placed in a given company, they can look it up. If changes to student information are needed, the student can submit a request to the placement officer. This initiative will aid in the more efficient organization of placement-related activities on campus.

It is also a web-based tool for the placement department, designed on the Windows platform of the college in order to give the college's students' information in a database for firms to use. Their recruitment procedure is facilitated by a secure login. The system has all of the necessary information. information concerning the students.

II. LITERATURE SURVEY

This chapter gives the overview of literature survey. This chapter represents some of the relevant work done by the researchers. Many existing techniques have been studied by the researchers on Placement Management, few of them are discussed below.

[1] android app- The young generation who shows elegance in smartphones and mobile applications, the current trend of the modern environment. According to a new statistics data, developing countries have a higher literacy rate than other nations. However, there is a pressing need to raise higher education standards and raise awareness among the youth group.

[2] mobile centered learning system(ICCCA) It is a web-based application for the placement department that runs on the Windows operating system .of the institution in order to put the information of the college's students in a database for corporations to utilize A secure login makes their recruitment process easier. All of the relevant data is stored in the system. respecting the pupils information.

[3] This paper explains how to solve a problem that arose in an existing manual system. The search and update of student data is a big issue in the current manual method. Also, filtering the list of students based on the criteria of the campus drive would be tough for the training and placement officer.

[4] The suggested system comprises activities such as data registration, updating, and searching. data from students The administrator is the most powerful user. Admin has a greater amount of priorities than the rest of the team .The rest of the users Students can register and access or amend their academic or personal information .personal information The administrator will also keep a list of students who have been placed.

III. REQUIREMENT ANALYSIS

This system explains how to solve the problems which occur when the placement management is handled manually . The students will upload all and resume and academics in the Android app .

The admin gets all the information about the students and I can segregate the students and notify who are eligible for the drive students also get notified about the training and placement priorly .Registration, updating, and searching of student data are all included in the proposed system. The master user is the admin.

The administrator has greater priorities than the rest of the users. Students can create an account and change or access their academic or personal information. The administrator will keep track of the kids who have been placed.

3.1 Functional Requirements

The proposed application should notify the students who are eligible for the drive . The input has to be taken from the Android app and the admin have to get all the information about the students in web application notify them for placements.

Functionality

The application has been designed in such a way that future enhancements will be simple to implement. The amount of upkeep required for this project is really low. The development program is free source and straightforward to install. The application has been designed to be simple to use and install for anyone who is interested.

Reliability

The system allows the administrator to access both the student's personal and academic information as well as search for suitable students and companies. The system also allows the administrator to insert and delete records.

IV. METHODOLOGY

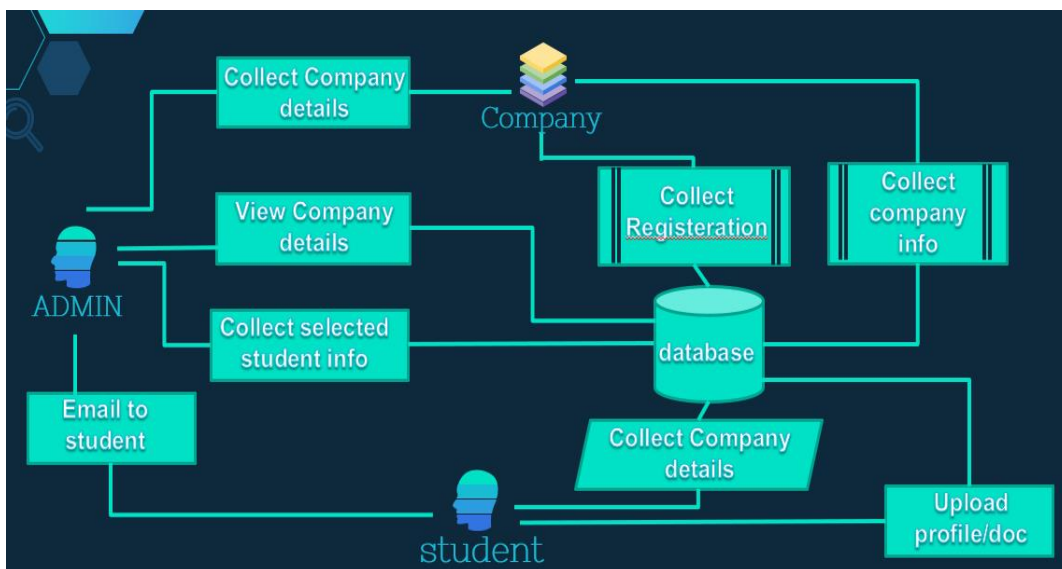


Figure 1: System architecture

4.1 System architecture

When TPO logs in, he will see a list of firms and job openings. TPO has access to student CVs and is responsible for confirming students' eligibility based on the company's standards. TPO has access to certain authorities, so it can search for any information it needs. A firm representative has the authority to review student CVs and provide company criteria. For The first time a firm registers, they must supply their contact information and financial information. URL of the website They must keep their contact information and website information up to date at all times .The suggested system aims to address existing system flaws while also introducing new features. Every manual task in the existing system is automated in the proposed solution, saving money. A successful way

V. SYSTEM OVERVIEW

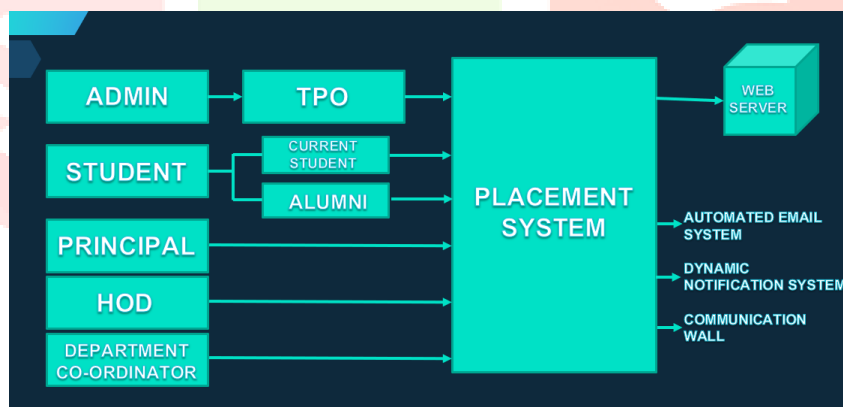


Figure 2: Flow diagram of proposed system

5.1 TRAINING AND PLACEMENT OFFICE (TPO) :

This system's administrator is TPO. TPO can be a TPO for Engineering, Polytechnic, and other related fields Pharmacy. TPO has access to all departments' student information. TPO has the ability to upload .The student must have all of the essential materials. TPO has the ability to communicate with students, the principal, the HOD, and others. Through

the communication wall, the departmental coordinator can be reached. TPO can send out notifications about planned T&P cell events, as well as upcoming company events.

TPO can send the email to the students who meet the company's requirements. The system will retrieve and transmit a list of pupils depending on the company's criteria. TPO can sort the data according to the requirements.

5.2 STUDENTS:

Students can build and edit their profiles after logging in. They can manage their profile by filling it out completely. They build a profile by inputting personal and academic information, as well as uploading a CV. They will be informed about the upcoming company by a notification, and if they are eligible, they can apply to the company.

Students can also view and download the aptitude question paper from the company they visited. They can use the communication wall to communicate with other users. The TPO will also send the communication to the students.

5.3 PRINCIPAL:

Engineering, polytechnic, and pharmacy colleges all have principals. The principal has access to the student profiles of each branch. The résumé of the student can be downloaded by the principal. The data can be uploaded by the principal. Through the communication wall, the principal can communicate with other users. The TPO will send the notification to the principal as well.

5.4 HOD

Engineering or polytechnic departments may have a HOD. The HOD has access to the students' profiles for each department. He can get a copy of the student's resume. The communication wall allows HOD to communicate with other users. The notification will be forwarded to the HOD by the TPO.

5.5 ALUMNI:

Alumni can use the system to log in. Graduates can participate in the exchange wall to communicate with other users. Alumni can upload essential documents, question papers, and other information. Alumni will be notified as well, thanks to the TPO's feed.

5.6 DEPARTMENTAL COORDINATOR:

The system can only be accessed by one authorized user. He can fill in the needed details for validation. The relevant material/data can be uploaded or downloaded by the staff personnel. The information can be uploaded by the staff. The coordinator is welcome to join the communication wall. The alerts that are fed by the TPO can be viewed by the departmental coordinator.

VI. RESULT

Everything is done manually in the current system, and all data is kept in an excel file. Data management and maintenance is a demanding task. All paperwork maintained by Training and Placement must be referred to for additional work, and the document must be kept up to date. This takes a lot of time and money. The suggested system will be designed to address the shortcomings of the existing system. The system that is proposed will be developed. The proposed system will make data retrieval and updating for Training and Education more easier .Student placement and data uploading and updating made simple.

After you've opened this android ,You will find options such as login, which is further divided into sign in and sign up, upload CV, and so on. Students have access to digital resources, comments, and a forum that serves as a user interface. Education and training .This android application also has a placement user interface and an admin login option. Students, training and placement officers, and company representatives are the three sorts of users. When it comes to updating and approvals, the administrator has all of the priorities and powers.

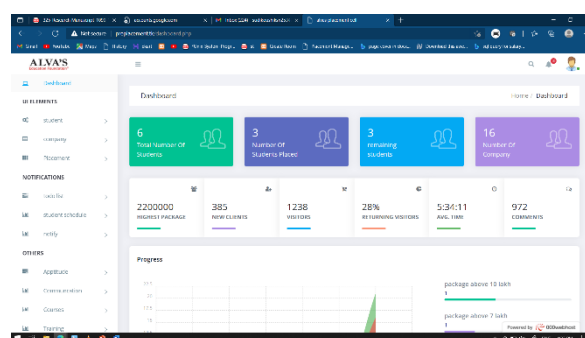


Fig 4.2: proposed system web portal

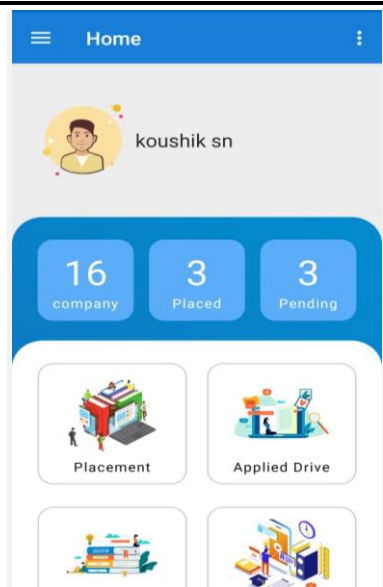


Fig 4.2: proposed system Android view

VII. ADVANTAGES

- The placement officer can quickly collect and approve the information provided by the students.
- Because it is an online application, students and recruiters may easily communicate with placement officers, making informing about new placements a simple task.
- Recruiters can also look for information offered by students based on their percentage.
- The placement officer can send you the documents you'll need to prepare for your placement students. Preparation for placements is simplified with this option.
- By notifying students in advance they can plan their schedule and prepare for the placement.

VIII. CONCLUSION

It can be simply downloaded in the form of a proper analysis of positive points and constraints on the App. Many other Android phones and tablets. The software is very easy to use and convenient. In most cases, The college's training and placement coordinator has a lot of issues to deal with in terms of management. Information about the students.

All of this data must be managed manually. If the specified database is saved, the entire database will be displayed in tabular form. The information provided is the most up-to-date and accurate information on the student's personal and academic information. It also shows the state of the student's training and placement. So no students will miss out any drive.

IX. Acknowledgment

We are very thankful to Department of CSE, AIET to give us opportunity to work on training and placement cell system we sincerely express our gratitude to Mrs. Veena M Department, of CSE, AIET for giving constant inspiration to complete this work.

REFERENCES

- [1] Anjali.V, Jeyalakshmi.PR, Anubala.R "Web Based Placement Management System", International Journal of Computer Science and Information Technologies, Vol. 7 (2), 760-763, 2016.
- [2] Mulla Kajal, Mahadik Awanti, Pandharpatte Bansod Swapnali, "Online Training and Placement System" International Research Journal of Engineering and Technology (IRJET), 2016.
- [3] Rupali Komatwar, Swapnil Kamble, Mihir Khedekar, Kishor Walzade, "Placement Support System" International Journal of Advanced Research in Computer and Communication Engineering, Vol. 5, Issue 1, January 2016 Vol. 5, Issue 1, January 2016.
- [4] Sanket R. Rahul S. Ghule, Shubham K. Brahmanekar, Chavan, "A Survey On Android App for Training and Placement cell", IJARIE-ISSN(O)-2395-4396, Vol-1 Issue-4 2015
- [5] G. Kumar, "Training Placement Activities in Context with Industry Institute Interaction", International Journal of Emerging Research in Management & Technology ISSN: 2278-9359 (Volume-4, Issue11) 2015.
- [6] Snehal D. Shriramjwar. Chandure "A study paper on college collaboration portal with training and Placement" International Journal of Research In Science & Engineering