

Campus Requitment System using Android Platform

Kajal Salavane¹, Supriya Tarte², Rameshwari Kamble³, Seema kamble⁴, and Prof. Sayali Kokane⁵

¹Information Technology, ABMSP's Anantrao Pawar College of Engineering & Research Savitribai Phule Pune University, Pune, Maharashtra, India
¹kajusalavane.912@gmail.com

²Information Technology, ABMSP's Anantrao Pawar College of Engineering & Research Savitribai Phule Pune University, Pune, Maharashtra, India
²supriyatarte4995@gmail.com

³Information Technology, ABMSP's Anantrao Pawar College of Engineering & Research Savitribai Phule Pune University, Pune, Maharashtra, India
³kamble.rameshu@gmail.com

⁴Information Technology, ABMSP's Anantrao Pawar College of Engineering & Research Savitribai Phule Pune University, Pune, Maharashtra, India
⁴svlonde17@gmail.com

⁵Information Technology, ABMSP's Anantrao Pawar College of Engineering & Research Savitribai Phule Pune University, Pune, Maharashtra, India
⁵sayalidikokane2@gmail.com

ABSTRACT

Now-a-days managing data manually is comparatively difficult than managing it with the help of technology. Technology refers to the use of knowledge practically so as to ease one's work hence we emphasize on making an application that can be used for the recruitment process by Training and Placement Officer and the students. For this, the students need to register themselves on the portal, filling basic personal information and academic marks. On the other hand, Training and placement officer uploads drive details and inform principal about the same. The notification about the drive will be sent to the particular students who are only eligible for the drive through mail or SMS. Monthly timetable for the drive will be present on the home page for all the students to view. Also the selected student's data will be sent to the principle.

Keywords — Aggregate Marks, Company name, Time Table, Notification.

1. INTRODUCTION

The increasing advantages of automated system now are at highest position thus many manual processes are automated. Since the automated system is demanded now-a-days, educational infrastructures like colleges needed their manual system to function on computer system. One of such system which is of major importance is training and placement

automation for campus recruitment. Though some manual functioning systems of colleges are automated like maintaining attendance record, library management. The colleges have more to do like monitoring and maintaining student's presence in the campus, which important information for their parents or guardians. This project has major goal that is fulfilling the requirements of TPO officer, students and

company visiting to campus for recruitment. This system will allow automation of manual process of TPO carried out in various colleges today. Input to the system is student resume uploaded by students and output is notification to eligible students via SMS. It provides with options like sign in already registered users and sign up for new users. Authentic user can upload their resume for campus recruitment. Resume data is classified by using classification algorithm. Classified data is matched with company criteria and notification to eligible candidates is sent via SMS. Thus automation of all training and placement process is done resulting in reduced human error prone system, proper management of huge data and provided with speed in execution of TPO process.

2. BACKGROUND

An Interactive Online Training and Placement System, The existing training and placement cell was not so convenient because of lots of work manual work. All the work that is done by manually and today's day it is done by human intervention. In existing system all the work is done by manually, so there were maximum chances of errors. The interface between the student and administer is maximum. Due to the above problems every procedure becomes time consuming.

3. LITERATURE SURVEY

1]campus employment information network development based on android platform by *cai zhongxi* in 2015. In this paper, system development have no greater difficulty. SQLite offers structured data store and at the same time, the amount of the resource is very low so they need less memory space and processing speed has very fast. Development of mobile communication technology, mobile phone transmission is more faster based on more powerful information Processing Extensible ability as well as 3G high speed Data Transmission. This android application are written in powerful java language and it is also support the another language like C. this application has no boundary and it can be accessible the core function of mobile devices via standard API.

2]Campus Recruitment Management: Platform based on dynamic electronic commerce by *Diksha Varshney, Bhumika Sharma, Somya Jain* in 2014. in this paper the electronic recruitment systems are used to facilitate and

improve human resource management. They address the needs of employers and job-seekers via internetworking means which increase the speed of employment, and improve the quality of recruitment and services and They become vital assistance to human discrimination to put right people in right places. due to the rapid change in jobs demands and the required specialization and experience, it becomes more and more difficult for recruiters to find employees that are right for their business state the units for each quantity that you use in an equation.

3]Information System Based On College Campus by *Shilpa Bilawane, Pranali Jambhulkar* in 2015 in this paper have Android mobile apps is used to provide information regarding there college and Android is the fastest growing open source mobile device platform, which in turn is powered by Linux operating system. Android offers a simple yet powerful application development framework and also open access to APIs to build richer mobile applications. Android is a software stack for mobile devices that includes an operating system, middleware and key applications.

4]Web Based Placement Management System by *Anjali, Jeyalakshmi, Anubala. R, Sri Mathura Devi. G, Ranjini. V* in 2016 in this paper have the development of the system is improved facilities. The system can overcome all the limitation of the existing system, such as student's information is maintained in the database, it also gives more security to data, ensures data accuracy as well as reduces paper work and save time, only eligible students get chance, it makes information flow efficient and paves way for easy report generation, reduce the space And system is cost effective.

4. PROPOSED SYSTEM

The proposed system is an application for the TPO and the students, where in the students register to have the drive opportunities and the TnP officer uploads the drive details. Our system prevails the earlier one as the separate notification is sent only to those students who are eligible for the drive and not to everyone through email and SMS and system updating the every rounds details and inform to student who are selected to next Round also this has lessened the chance of a student missing the drive due to lack of communication Also

principal is informed about the drives dates and the students who get placed.

- In the system, fire base data base are used as backend and android studio are used as front end of the Application.
- After the student login their having the student personal information filling form, student marks and the student address or locations are minatory because on that bases the criteria of the company is filter.
- For calculation of the average marks the following formula has been used $M1+m2+m3\dots mn / n$
- Address prof, marks sheets of SSC, HSC, diploma, and all semester of engineering are get verify by TnP officer or Class teacher of the student.
- TPO : In the system, their having personal login of each module.

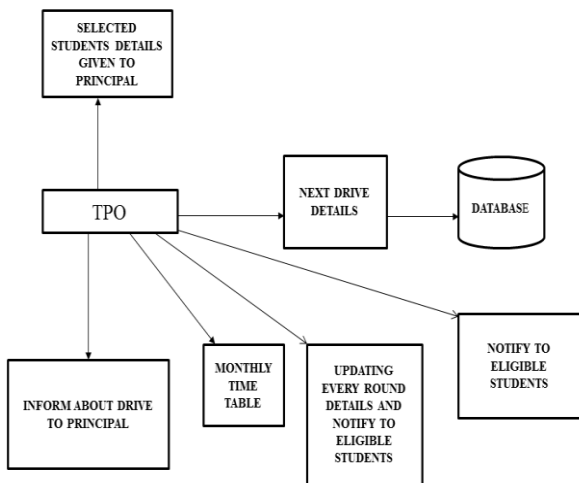


Fig.1: Architecture of TPO module

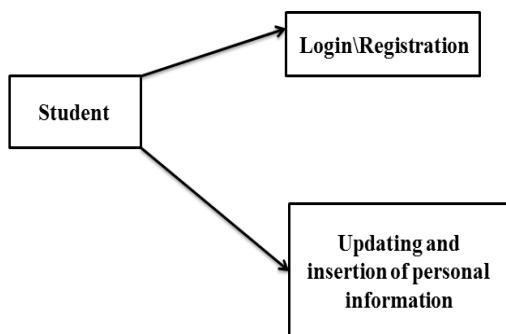


Fig.2: Architecture of Student module

5. CONCLUSIONS

Thus we can summaries in this report by saying that using various functions. We can lessen the training and placement officer’s work. The development system can guarantee to keep the record are safe and privacy which is stored in database. The student can better utilize the opportunity by getting notifications

6. REFERENCES

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