

PLACEMENT MANAGEMENT SYSTEM FOR CAMPUS RECRUITMENT

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ABSTRACT

From a student's perspective, placements can bring a wide range of benefits and opportunities. Training and management of placement is a crucial part of an educational institution in which most of the work is done manually. Manual system in the colleges requires a lot of manpower and time. The proposed system aim to develop a web portal to solve this issue. The project is aimed at developing an application for the placement department of the college. The system is an application which will be accessed and effectively used throughout the organization with proper login enabled. It can also be used as an application for the Placement Officers in the college to manage the student information about placement thus reducing the manual work and consumes less paperwork. The system also provides the facility of viewing the personal and academic information of the student. The system gets the requested list of candidates for the companies who would like to recruit the people according to their eligibility criteria. The main objective is to reduce manual work and time.

Keywords: - front-end development, progressive web app, back end development, database management using MySQL and PHP.

1. INTRODUCTION

'Placement Management System' like many other placement management web sites, provides information on placement providers and the placements and also keeps up to date information of all students. It is a platform where students can view and assess their opportunities. The system will be having different types of accounts for different types of users such as Admin, Student, HODs, and tutor. A profile for each student is created with the necessary credentials for the portal. The system uses MySQL for database management and will sort the data of the student based on eligibility criteria demanded by the respective companies and a list of eligible candidates will be prepared and they can choose if they are interested to attend that particular drive or test. Based on this a final data-set is created and the interested candidates will be registered automatically by the system. This way it reduces the work of college staff or faculty from the problem caused by human errors and wastage of time doing all the processes manually.

2.LITERATURE REVIEW

2.1 Online training and Placement management system

The system is an application that can be accessed throughout the college organization with proper login provided. 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 login should be able to fill the registration form. The key feature of this project is that it is a one time registration.

The application 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.

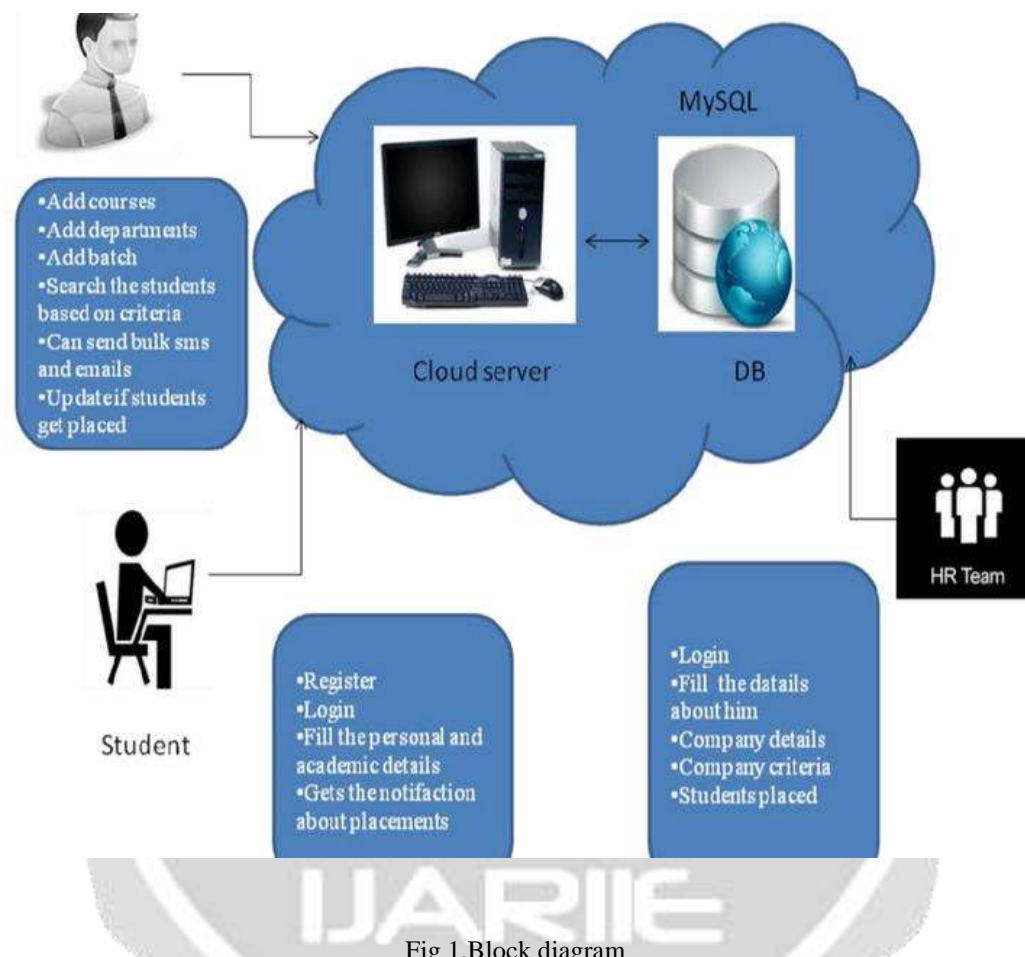


Fig 1. Block diagram

2.2 Campus Recruitment System Using Android App

Campus employment information network development based on android platform by cai zhongxi in 2015. In this paper, system development has no greater difficulty. SQLite offers arranged 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 4G high speed Data Transmission. This web 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.

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.

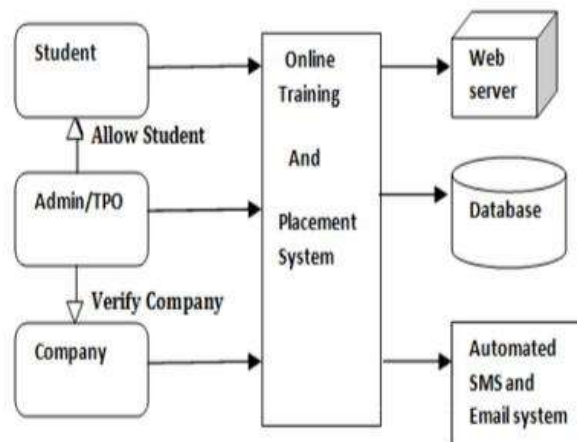
They address the needs of employers and job-seekers via internetworking means which increase

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.

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.

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.



Online Recruitment is aimed at developing a web-based and central recruitment process system for the HR Group for a company.

3.PROPOSED SYSTEM

The proposed system contains mainly four modules- administrator, student, company, college faculties. The system facilitates each module to create an account using a unique username and password. Each student can create an account and add their personal information such as marks, academic details, resume, the job role which they want, preferred company name etc. And the companies can directly create an account and can add their company details and job vacancies, skills, training etc. they can directly access students' data who are applied for the job role. The administrator is the one who controls the entire system. The administrator can add or remove data, accounts, and can also view students' list who are applied for the placement. The fourth module is mainly for college faculties, HODs, principal etc. They can also view, access the data. They can add details if needed.

4 SYSTEM DESIGN

The system contains 4 modules. Each module have same login page.

1)Admin module

- It can be the placement officer
- can maintain the placement activities via system
- Can add or remove batches, department, drives
- Can analyse the placement activities of each students.

2)Student module

- Can login their details
- Can register for upcoming drives, according to their interests.

3)Company Module

- Login using password and usernsme
- Update the details about their companies and vacancies
- Can view and download the details about the students who have applied for the vacancy

4)Institution Module

- It can be the principal, HOD, or tutors
- Also can view the details about students, companies, drives.....

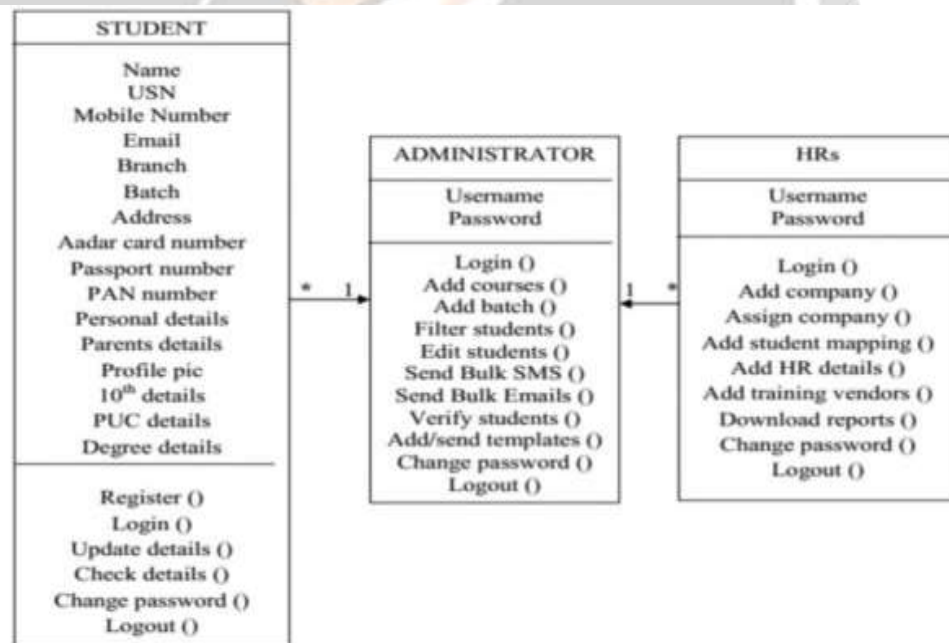


Fig. 4. Class Diagram For Online Training And Placement Management System.

5. PROS & CONS

5.1 Advantages.

- - There will be no need of putting up notice or emailing every student about the company coming in college. The students can keep updated themselves through this software.
- - The company can view all students' detail and system can shortlist students according to their criteria instead of doing manually.
- - There is admin login that can view and manage both students and company's account and also can put up notifications.
- - Student can register online instead of going to placement department for registration.
- - This system saves time and efforts.

5.2 Disadvantages.

- - Students can't edit their applications once sent. It would require admin to change data It requires large database.

6. CONCLUSIONS.

Taining and management of placement is a crucial part of aneducational institution in which most of the work is donemanually. Manual system in the colleges requires a lot of manpower and time. With this project we aim to develop a webportal to solve this issue. The project is aimed at developing an application for the placement department of the college.The system is an application which will be accessed and effectively used throughout the organization with proper logine nabled. It can also be used as an application for the Placement officers in the college to manage the student information about placement thus reducing the manual workand consumes less paper Work.ur system also help the college to overcome the difficulty in keeping records of hundreds of students and searching for a student eligible for recruitment criteria from the l e thing. It also provides up-to-date information of all the students in the college. It helps in effective and timely utilization of resources. The project facilitates user friendly, reliable and fast management system. The placement officer itself can carry out operations in a smooth and effective manner.The college can maintained computerized records thus reducing paper work,time and money works

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