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Student Information System

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Abstract: Student information system is a collection of student data such as resume with profile stored in a database. This system having three login pages namely student, office and placement page. Each and every student, office staff, placement officer should create their own user name and password by registering their details. Then only they can access this system safely. It is used for communication between student, PO and management. It reduces the physical work and waiting time for getting photocopy and placement details.

I. INTRODUCTION

Student can able to send their details such as resume and photocopies to placement officer for verification and know about the placement details. Unfortunately, student does not have mark sheet copies, they are not supposed to apply, to overcome this problem using this application student can send their request to management, then getting the photocopies. PO verify the eligibility of student and send the company details. Student can view the details and apply for interview.

II. OBJECTIVES

The objective of Student information system is to allow the administrator of any organization to edit and find out the personal details of a student and allows the student to keep up to date his profile. It'll also facilitate keeping all the records of students, such as their id, name, mailing address, phone number, DOB etc. So, all the information about a student will be available in a few seconds. The main purpose of this project is intended to help any college to maintain and manage its student's personal data.

III. LITERATURE SURVEY

Student information system is the most cutting-edge, innovative and robust solution for a university. In existing college data management system, there are plenty of activities which are handled manually. All these activities are paper based which are expensive and time consuming. Various activities are handled by various departments. This leads to major problem in interlinking data and avoiding duplicates. Hence this becomes very hard and prolonged process for students to access information from management. In the proposed system, a better solution is defined for all these activities which are paperless, cost effective and time saving. In 21st century with the latest technology the world is moving towards cloud computing. Student information system is full-fledged cloud computing, based information management system. It covers every minute aspects of a universities work flow and integrates all processes into smartphones with user friendly interface. It includes all major modules like Attendance module, Placement module, Alumni Association module and many more. All modules inter-related and data redundancy is eliminated.

Online College Management System (OCMS) provides a simple interface for maintenance of student information. It can be used by educational institutes or colleges to maintain the records of students easily. The creation and management of accurate, up-to-date information regarding a student's academic career is critically important in the university as well as colleges. Student information system deals with all kind of student details, academic related reports, college details, course details, curriculum, batch details, placement details and other resource related details too. It will also have faculty details, batch execution details, student's details in all aspects, the various academic notifications to the staff and students updated by the college administration. It also facilitates us explore all the activities happening in the college, Different reports and Queries can be generated based on vast options related to students, batch, course, faculty, exams, semesters, certification and even for the entire college. The placement officer is responsible for updating the placement related information like eligible criteria for a particular company, arriving date for the company which is coming for recruitment, the list of students who are eligible for attending the recruitment process. E-Library (also referred to as digital library) is a special library with a focused collection of digital objects.

Online placement system has very important role in college its aims at providing the help to automate and simplify the registration Process and list of eligible students generated for placement. This system does all work regarding placement like collection of student data, authenticate and activate the student profiles, notifying eligible students via Email, check the number and percentage of placed and unplaced student. Gives proper login with time and role based secured access is provided to placement officer,

company, college staff and students. Students logging should be able to upload their information in the form of a resume. Placement officer can access, view information of user and prepare schedule of all activities regarding placements. Company can give their own application procedure by providing link. College staff can see the registered students and their status. All registered users are eligible to participate in forum.

All students dream to obtain a job offer in their hands before they leave their college. A placement chance predictor helps students to have an idea about where they stand and what to be done to obtain a good placement. A placement predictor is a system that could predict the possibility or the type of company a pre-final year student has chances to be placed. Then the prediction system could help in the academic planning of an institution for future years. With the emergence of data mining and machine learning, many predictor models were introduced by analyzing the previous year student's dataset. This paper presents a literature survey on different placement prediction models for pre-final year engineering graduate students.

IV. EVALUATION EXISTING METHOD

The existing student information system of registration requires many documents and applications forms to be filled out. Data has to be repeatedly entered at each stage of the process and multiple files are made for each student. Documents are verified with multiple copies made for record and the testing process is conducted independently which again compounds the paperwork required. The amount of data processing required for each stage of the process ensure that the process of new student admission takes a long time.

A. Disadvantages
1) This system has a few countable downsides
2) Extensive modules and features make it difficult for a user to utilize the application.
3) With huge flow in traffic the application is prone to performance issues.

B. Proposed Method
A student information system that will completely automate the process of new student registration in a college. The system will handle the document submission, testing process and registration of new students. The system will not be web based and will have two implementations i.e.

The process begins when prospective students wish to enroll in the college. If they express interest in placement training, they will be required to visit the placement office portal and can create a user account at the placement office. This is the only part of security measure to prevent the creation of false user IDs. After verification of any nationally approved photo ID proof a user account will be created and a scanned copy of the ID proof will be uploaded into the profile.

After this every student should create their own user name and password and fill the details. These details are directly uploaded in placement portal. Students are able to get a certificate from office by using this application and send the message to management.

The management can upload all necessary documents on the portal from the convenience of their home. The system will automatically validate all the documents.

The placement officer will login the username and password. Student details are displayed in placement portal (willing or not willing, CGPA 10%,12%, arrear status).

The student details are known their placement officer and select the eligible candidates for company and also upload the details (interview details, date of interview and place). The student will login the page they will receive the message from the placement officer on their placement page. The proposed system will eliminate the paper trail required for the completion of various formalities entire process of prospective student registration till new student registration can be handled easily by this system. The testing process can be done entirely on the system and results can be quickly judged and shared.
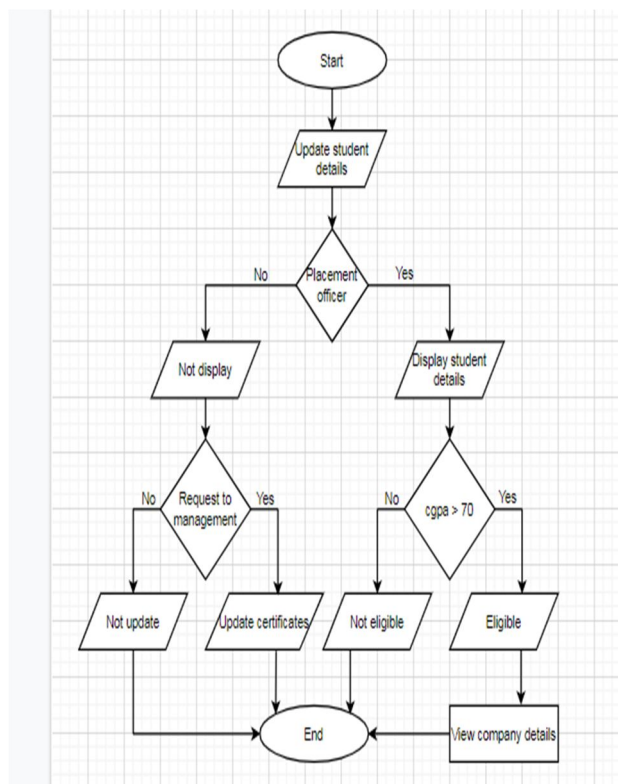
C. Advantages
1) Paper work can be avoided
2) Efficient control over student data
3) Monitor student performance
4) Reducing human physical effort
5) Cost efficient
6) Student resume and photocopies are secured

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D. Applications
1) For use in college management to secure the hardcopies**.**
2) For used to know the company requirements
3) Used to apply any exam using this photocopy
4) For use in college placement cell

V. SYSTEM ARCHITECTURE

VI. IMPLEMENTATION

This system consists of three module such as

A. Student Work
Each and every student should create a separate user name and password. After registration, student detail with profile photo are displayed in their portal and placement portal. They can able to change their details and resume to placement officer for verification, also send the Aadhar proof for reference. In case students does not having original proofs for applying interview, using this application. By sending request message to management and getting photocopy.
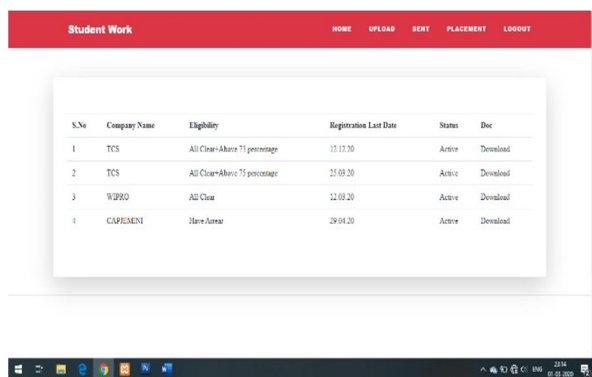
B. Office Work
Each and every office staff should create their user name and password by registering their details. Student request message are displayed in office portal. Then management send the original proof directly to student portal and also, shown in placement portal.

C. Placement Work
Placement officer also create their user name and password by registering their details. Then only they can view the total number of students willing list, percentage and number of arrear count and so on. Placement officer verify the resume with profile photo and original proofs and find the eligible candidate based on their CGPA and send the company requirements. Student can view the placement details in their portal at any time.

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VII. OUTPUT

VIII. CONCLUSION

The proposed system presents the collection of student data. Student can easily get their original proof after hand over in college. This system provide communication between student, placement officer placement officer. The placement officer can view the student details and select the eligible student for applying interview in particular company with based on their CGPA and provide the company requirement information to particular student. All the student can view the placement details at any time. This system is used to know the requirements details. In future the approach of this web application can be made on online were the universities use this application to know the details of all eligible students in the consent batch and manage the student original proof which are done by there.

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