



COLLEGE PLACEMENT MANAGEMENT SYSTEM

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Abstract: This paper is about a technology that provides quick placement management system in college unlike the traditional system where students as well as TPO may face many problems like insufficient details, less security, problems with manual working etc. The purpose of the Placement Management System website is to overcome the disadvantages of traditional placement system. It enables the end users to register online through their CMSys(College Management System) account which is a website of college created for attendance, term test marks, etc., read and apply for the company of their choice and get frequent updates regarding the placements from college TPO. There is no chance of missing the placement opportunity updates. The college placement officers will not have to get the separately collect information of every student. It will automatically be updated when the student registers. The project is basically a website which can be easily accessed through mobile on the go.

Index Terms - Management system, Connectivity, Dynamic Database, WiFi .

I. INTRODUCTION

Nowadays importance is given to the wireless technology and effective system. Computers and technology have become part of our life for accessing almost everything we basically do. Life now is full of indispensable technological advancement and in this technological era it is very difficult for any organization to survive without technology. The World Wide Web contributes enormously to the creation of an ever-increasing global information database. It could also be used as a system to share information within an enterprise.

Placement management system helps the training and placement officers to overcome the difficulty in keeping records of hundreds and thousands of students and searching the eligible students for recruitment, based on various eligibility criteria of different companies. It helps in effective and efficient utilization of the hardware and the software resources.

The students will create their accounts and the administrator will accept or reject their request. Based on the approval from administrator the students will be allowed to proceed further. The students will then enter their details which will be approved by administrator. Once approved, the students will get notified on every updates from TPO. They can also change their password and details if necessary in future.

This gives quick visual confirmation of security and guarantees that redundancy will not be allowed, in fact, what was intended.

II. LITERATURE REVIEW

Each and every process in the existing system is carried out manually. The college training and placement officer had to refer all the records of previous years for even minor details. This used to be tedious and more time consuming than it sounds. It becomes more difficult when the number of students increase each passing year.

There are other limitations of existing system. In manual placement management system all the task is done by human interventions. Therefore there is maximum chance of errors.

The files are not stored in hierarchical form. Thus searching for a particular becomes complex task. Updating certain information is difficult and ambiguous which may lead to data redundancy due to the chances of duplication of information.

Not every students are aware of the placement updates by training and placement officer of the college, therefore they may lose an opportunity to grab a seat for job interview.

III. OBJECTIVE

1. To provide recruitment to students:

Student recruitment should be recognized as a key component in the sustainability and success of an institution and must be a prime responsibility of an institution's strategic plan. Equipping the Training and placement office to recruit the qualified students and the right number of students is critical to the long-term sustainability of an institution, and IT plays a important role.

2. Planning and organizing various Placement drives in campus:

Students should use the fair in order to grab the opportunity understand what companies are looking for in candidates and what skills are vital for their future roles. Career/Job Fairs are a valuable opportunity to hone networking skills and gain practice in articulating their value to a prospective employer.

3. Provides Resume building services:

Student can tailor their resume by selecting wording that best fits for each job they apply. Crafting the resume by the students in order to apply for their dream jobs.

IV. METHODOLOGY

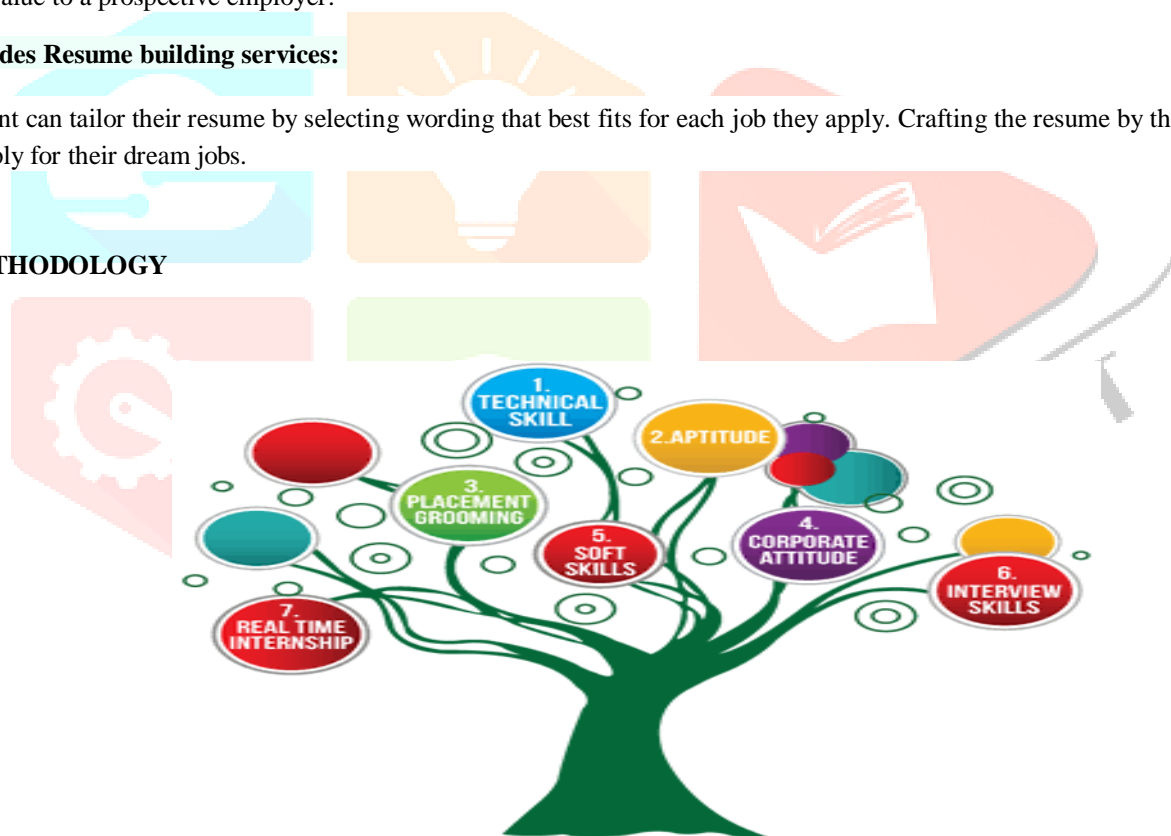


Fig 1. Overview

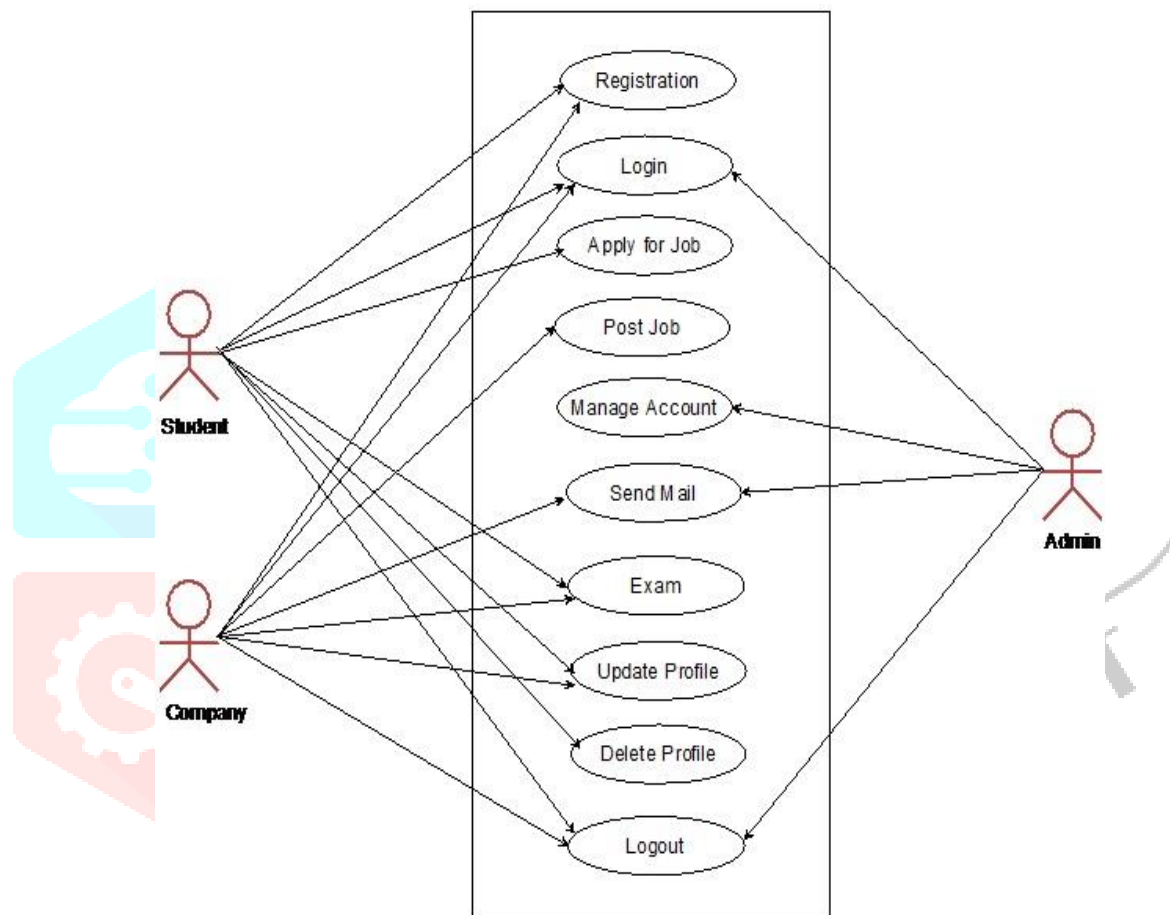
The system comprises of 3 major modules and their sub modules as follows:

1. Admin:

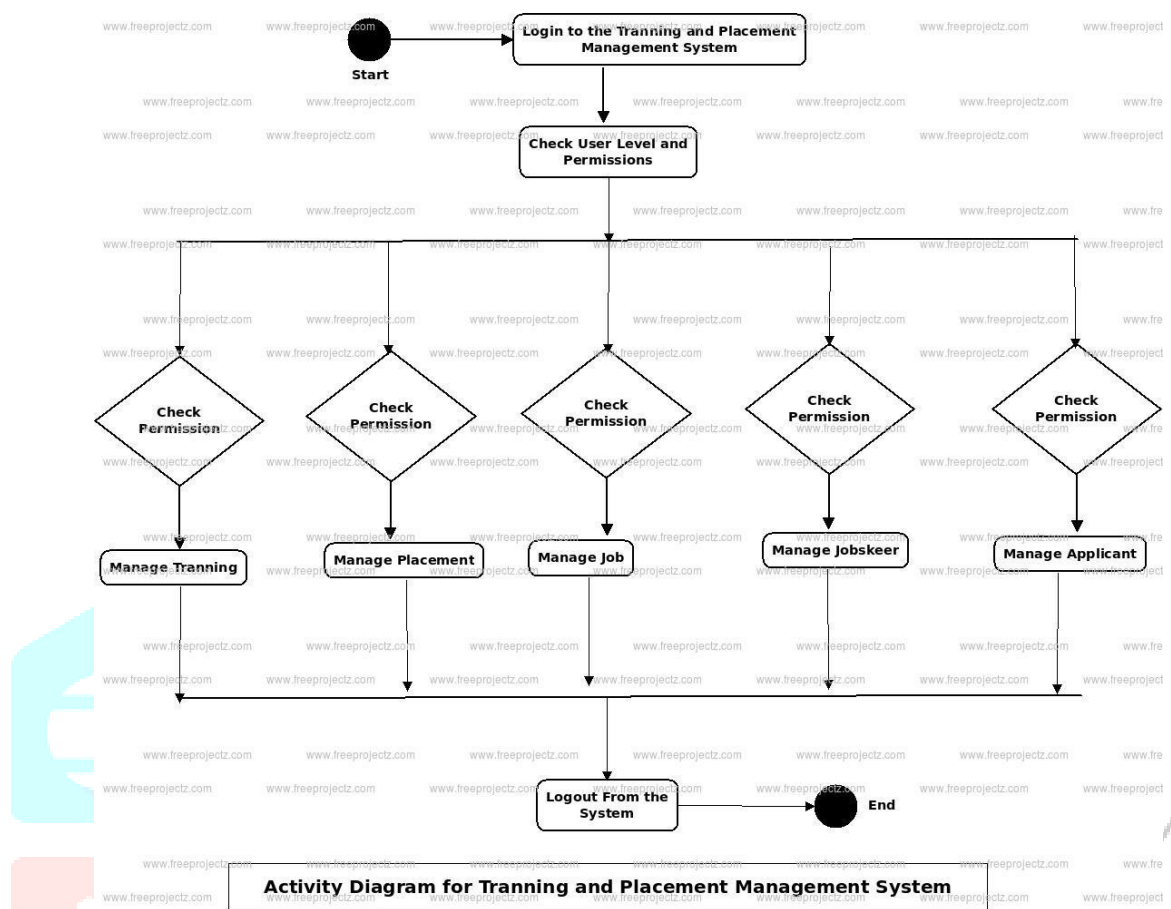
- a. **Login:** Admin needs to login with valid login credentials for accessing the system
- b. **Create test taker:** test taker are the student of our university who are eligible for accessing the system.
- c. **Create test:** Sample questions for the test to be taken by test takers i.e students.
- d. **View marks/results:** Admin can see the results and marks obtained by the test takers.

2. Test taker:

- a. **Login:** Test taker should login using the credentials provided by the admin
- b. **Take test:** Test taker should take the Aptitude test.
- c. **View marks/results:** Test taker can view their marks obtained in test.
- d. **Create CV/Resume:** Test taker should fill a form with all the details necessary for Resume and system will automatically make a customised CV for him/her.

V. USE CASE DIAGRAM

VI. ACTIVITY DIAGRAM



VII. RESULTS AND DISCUSSION

This project is developed using aap.net forms using C# language and backend is Maria db/sql and XML is used for configuration. Sha256 password encryption is use for security of data. Our main aim is automation so for that we have modules Resume Generation from information forms and Aptitude tests with answer evaluation and questions set.

Future scope of the project includes Direct communication with employer or HRM and Direct E-interview system after tests for candidates that are above cutt off marks. Providing offer letter to students through website and including Alumni association who are willing to help our college for providing placements.

VIII. ACKNOWLEDGMENT

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