Ai-Based Placement Management System

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ABSTRACT

This AI BASED PLACEMENT MANAGEMENT SYSTEM 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.

Keywords: - Placement Preparation , Placement Management , Career Building , Hire Employees ,

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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 SURVEY

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. MOTIVATION

Breast Cancer is one of the leading cancer developed in many countries including India. Though the endurance rate is high – with early diagnosis 97% women can survive for more than 5 years. Statistically, the death toll due to this disease has increased drastically in last few decades. The main issue pertaining to its cure

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is early recognition. Hence, apart from medicinal solutions some Data Science solution needs to be integrated for resolving the death causing issue.

Breast cancer is the second most frequent cancer in women and men globally. In 2012, it factored about 12 percent of all latest cancer cases and 25 percent of women's total cancers. Breast cancer arises when cells in the breast start to develop out of control. These cells usually grow a tumor that can frequently be seen on an x-ray or considered a lump. The tumor is malignant (cancer) if the cells can expand into (invade) encompassing tissues or increase (metastasize) to different sections of the body.
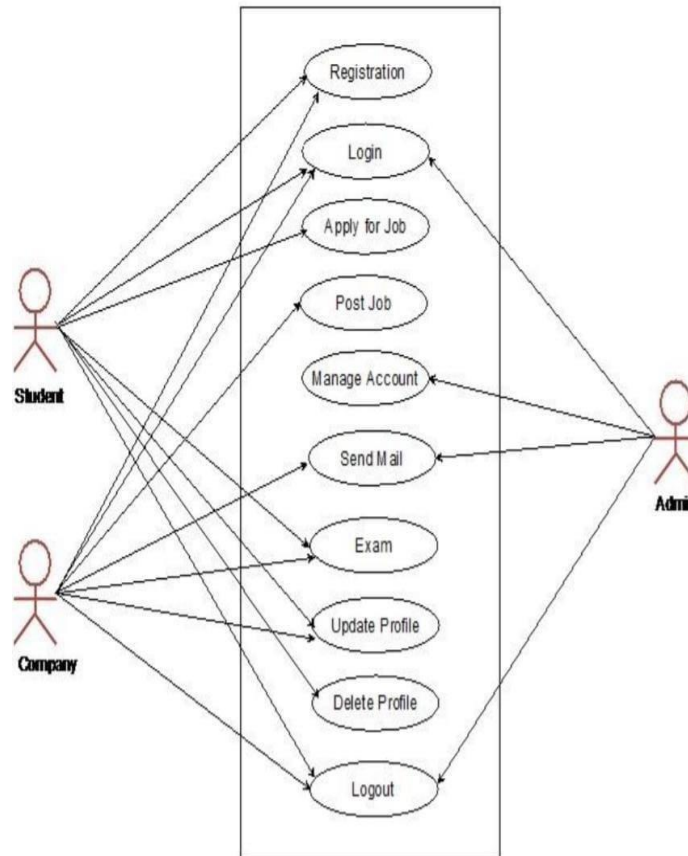
USE CASE DIAGRAM

Fig: - Use Case Diagram

IV. OBJECTIVE

1.   To provide recruitment to students:
Student recruitment should be recognized as a key component of institutional stability and success and should be a priority.institutional strategic plan responsibility. Equip the Training and Recruitment Office to employ qualified students andthe right number of students is essential to the long-term sustainability of the institution, and IT plays an important role.

2.   Planning and organizing various Placement drives in campus:
Students should use justice to get a chance to understand what companies want from candidates and what skills they haveare important in their future roles. Career / career fairs are an important opportunity to hone communication skills and gain speaking practiceits importance to the prospective employer.

3.   Provides Resume building services:
The student can plan his resume accordingly by choosing the words that best suit each task. Creating a resume by students in order applying for their dream jobs.

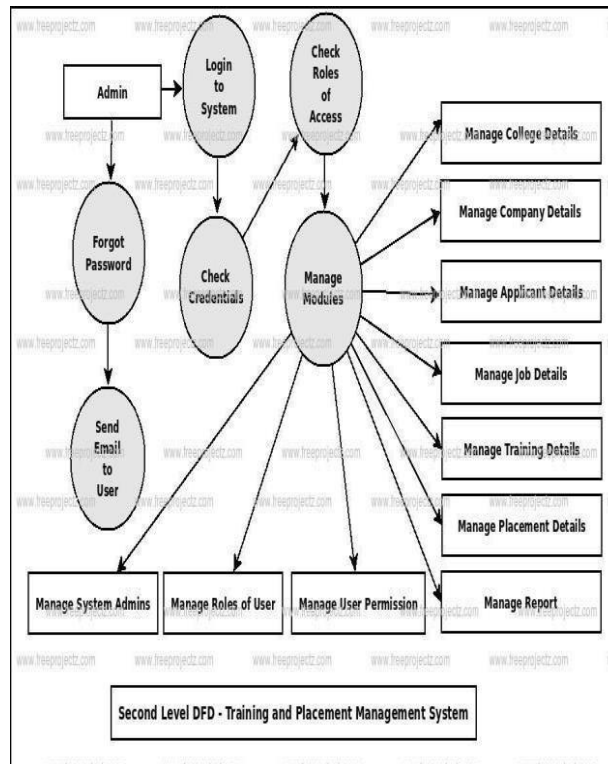**The system comprises of 3 major modules and their sub modules as follows:**
1.   Admin:
a.   Login: Admin needs to login with valid login credentials for accessing the system
b.   Create test taker: test taker are the student of our university who are eligible for accessing the system.
c.   Create 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. ACTIVITY DIAGRAM

ACKNOWLEDGEMENT

VI. CONCLUSION

Our project provides the facility of maintaining the details of the students in a database. It also provides a requested list of candidates to recruit the students based on given eligibility criteria along with the complete company details.

It also provides the platform where students can learn and practice there skills and also give final recruitment process including Aptitude, GD Round, Technical Round, and also Codding Round with real experience. Administrator logging in may also search any information put up by the students. This project will aid our college to keep complete information about students. This will also help in fast access procedures in placement related activities.

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[2]. E-PLACEMENT MANAGEMENT DR.ANGEL LATHA MARY.S, Professor, Karpagam College of Engineering,
[3]. Coimbatore, Tamilnadu, India. xavierangellatha@gmail.com MYTHILI M, AISHWARYA R, SHENBAGAM P, SANDHIYA