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Training and Placement Cell

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ABSTRACT

We are proposing a smart and easy solution for placement activities by developing software which manages placement activities with user friendly GUI. The objective of this project is to develop a system that can be used by placement cell of a college. The purpose is to design a system that provides functionalities to perform the activities related to placement services such as displaying student and company details to each other and interface for communication between company and student is our TPO. Software development is based on complete modular architecture. This modularity of the architecture will allow us to replace or add modules in the future as a way to enhance a particular feature of particular situation. This system can be used as an application for the TPO of the college manages the student information with regards to training and placement. In the present work some of the modules are implemented by means of managing training and placement data. Whereas module responsible for adopting student information, company information and study material require for company placement. Create list of students as per company HR Manager Job Request, provides the list of shortlisted students with resume to company HR Manager, Export data of shortlisted students to list file based on Search Criteria, manage student profile, set preferences for student eligibility criteria for placement, Time & Role Based Secured Access to users. Before coming for campus, company can get information about eligible students along with interested students.

Keywords: TPO, Company Profile, Student Profile, Job Apply, Notification.

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I. INTRODUCTION

Recommendation Project Idea Training and placement is a system for providing training to academic students. Placement is a actives after completion of training. Our software will handle the information of students, Companies, job provider (Placement Officer) etc. Provide better service to students and HR Manager (Company Company). The Training & Placement System provides the infrastructural facilities to conduct group discussions, tests and interviews besides catering to other logistics. This project is aimed at developing a desktop application for the Training and Placement.

A. Project Objectives

In order to avoid above existing problem we are design existing system as online Training and Placement system, so that whatever the information, TPO has to pass to the student and he or she can inform online. All the resume send by the student which can be maintain in the database. It reduce the paper work and storage area. Save time & work-load for TPC Staff and students. Easy to access. Avoid fake Entry. Only Eligible students get chance. Improve accuracy in result. It has user friendly interface having quick authenticated access to documents.

B. Problem Statement

Customer satisfaction is an important factor that should be considered in a service market, i.e., cloud computing, which is a measure of how products and services supplied by a company meet or surpass customer expectation and it directly affects the number

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of customers of a company, and the profit consequently. In general, the overall customer satisfaction level of a company is an accumulation of the satisfaction values of all customers. In the following, we first give the satisfaction formula of each customer, and then the overall customer satisfaction of a company.

II. LITERATURE SURVEY

A paper on "Generating Placement Intelligence in Higher Education Using Data Mining" gives that a university is an institution of higher education and research which grants academic degrees in a variety of subjects and provides both undergraduate education and postgraduate education. University performs various activities like enrolling the students, conducting classes, conducting special workshops of different subjects, conducting placement etc. This paper is going to describe the activity related to placement, placement cell, and student database [1].

1. K-Means Clustering: K-Means is one of the simplest unsupervised nonhierarchical learning methods among all partitioning based clustering methods. It classifies a given set of n data objects in k clusters, where k is the number of desired clusters and it is required in advance[2].

2. J-48 Algorithm: C4.5 is an algorithm used to generate a decision tree developed by Ross Quinlan. C4.5 is an extension of Quinlan's earlier ID3 algorithm. The decision trees generated by C4.5 can be used for classification, and for this reason, C4.5 is often referred to as a classier. It induces decision trees and rules from datasets, which could contain categorical and numerical attributes. The rules could be used to predict categorical values of attributes from new records.C4.5 builds decision trees from a set of training data in the same way as ID3, using the concept of information entropy. This paper presents solution to two main problems related to segregation and prediction[3].

In the paper titled "Performance Analysis of Undergraduate Students Placement Selection using Decision Tree Algorithms" put up that we could use decision tree algorithms to predict student selection in placement. This paper describes how the different decision tree algorithms used to predict students' performance in placement. Decision tree algorithm, tree shaped structure that represent decision sets. They generate Rules which are used for the classification of data [4].

III. PROPOSED SYSTEM

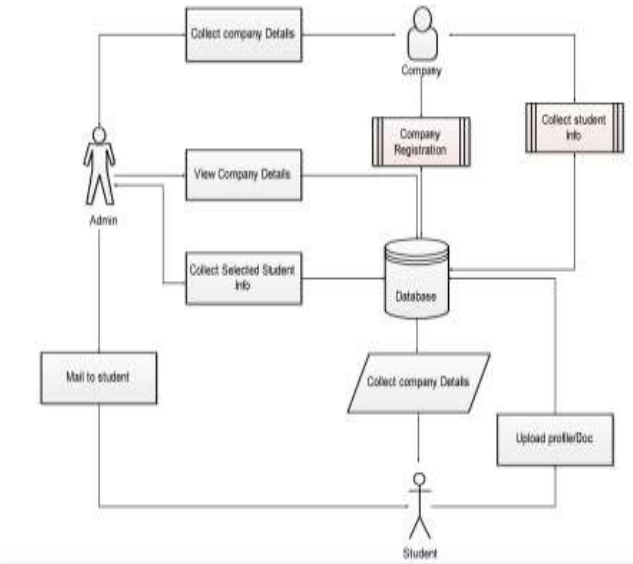

Fig 1. System architecture

Description:

STUDENT MODULE:

In this module, creation of student input records about academic career and all personal with work experience. The Student views the company details and verifies particular company details and provides valid details for registration.

COMPANY MODULE:

The company enrolls themselves and they register their profile and their will marquee in the main page till their drive and view the student's applied details and interview slot allocation.

ADMIN MODULE:

The admin is the create company details, views the students details and check the records.

IV. CONCLUSION

From a proper analysis of positive points and constraints on the component, it can be safely concluded that the product is a highly efficient GUI based component. This component can be easily plugged in many other systems. Also the component is user friendly. Generally the TPO's of the Colleges has to face a lot of problems in management of the Students information. This all information has to be managed manually. So, there is a need to develop a system that can solve the mentioned problem. This software comes with just that solution.

REFERENCES

[1] Dr. Rajan Vohra, "Generating Placement Intelligence in Higher Education Using Data Mining", Head of Dept.Computer Science & Engineering Dept P.D.M College Of Engineering, Bhadurgarh , Haryana(India).

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[2] Tejashri Gosavi, Shraddha Gaikwad, “Android Based Training and Placement Automation”, Department of Computer Engineering, JSPM’s ICOER , Wagholi , Pune , India.

[3] Vidhate, Deepak, A; Kulkarni, Parag (2014):“Improvement In Association Rule Mining By Multilevel Relationship algorithm” in International Journal of Research in Advent Technology, 2(1), pp.366-373

[4] Vidhate, Deepak A and Kulkarni, Parag “Performance enhancement of cooperative learning algorithms by improved decision making for context based application”, International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT)IEEE Xplorer, pp 246-252, 2016

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