Survey Paper of Training and Placement Management Software

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Abstract— **Training and Placement is the most important part of the any Educational Institute in which most of the work till now done manually. This system gives very efficient way of placements of students. It is supported by paper-based systems, Email communications, spreadsheets and databases. In this system students can do their registration in very simple manner and Training and placement officer can easily access students information. This software provides the data visualization of the overall placement. The company can provide the criteria and those students who are eligible will automatically get notified.**

Keywords: Placements, Data Visualization, Resume building, Data Extraction.

I. INTRODUCTION

Training and Placement management system is an application which facilitate students to register and fill the application form. This system is fully automatic it sends the SMS, Emails to the students. Currently in the college still have the traditional notice board due to that number of students can not access the information on time and to overcome this problem and fast exchange of information this system is developed. According to the number of students placed get placed, it can be show through data visualization. According to the company criteria only eligible students can receive the notifications through SMS and Email.

II. LITERATURE SURVEY

Naresh Patel K M, Goutham N M, Inzamam K A, Vineet Sharan V R, Suraksha V Kandi "Placement Prediction and Analysis using Machine Learning" International Journal of Engineering Research & Technology (IJERT), 2022 [1]

This paper features on an educational record application for vast information the bosses in colleges.

The model will also propose additional abilities that will be necessary for future recruitment, which will aid students in their preparation for placement. It also gives continuous trial results and discoveries, as well as execution estimations expected for model approval, aiding the accomplishment of the achievement of result based training at instructive foundations, which is agreed first concern in the current context.It helps in improving the performance of

students and also helps in monitoring system performance.The algorithm used here(KNN) had the disadvantage that it works on integer datatype so it is hard to classify string datatype.

"A Review On Placement Management System"

1SPOORTHI M S, 2KAVANA V, 3KOUSHIK S N, 4VEENA Volume 9, Issue 7 July 2021 | ISSN: 2320-2882 [2]

This paper summarizes the Placement Management System is developing as an attempt to Keep track of companies and students by restricting such a large database to that of a specific class of students or companies. The System provides the facility of viewing both the personal and academic information of the student and company You can also search for eligible students or companies, or admins can insert or delete Records. It takes so much time for a placement officer to collect students' details and approve the details provided by them. Students may not know about company details.

Santhosh Kumar H, Srividya V R , "Online Training and Placment management system" Bengaluru, 2016. [3]

This paper features the management of Training and Placement it is supported by paper-based systems, databases, spreadsheets and E-mail communications. Training and Placement is the crucial part of any educational institute in which most of the work till now is being done manually. It 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 logging should be able to fill the registration form. The key feature of this project is that it is a onetime registration. The application provides the facility of maintaining the details of the students. This software helps the train students in accordance with relevant market demands, organize placement drives etc.

Generating Placement Intelligence in Higher Education Using Data Mining 2015 Praveen Rani , Dr. Rajan Vohra [4]

This paper features a statistical experiment which is used to identify the number of students who are ready for placement and those students which doesn't fulfil the basic criteria of the drive conducted in the college .The data is collected from the large database of students containing their academic record. The paper provides the advantage of classifying students which are eligible for drive and those which are not eligible for drive based on academics record. The disadvantage is that for classifying students ,they must provide the correct data of their academics

Tamir Hassan, Robert Baumgartner "Intelligent Text Extraction From PDF" IADIS International Conference on WWW/Internet 2005 [5]

Naturally, there are two main approaches to segmenting a page top-down and bottom-up. They have implemented algorithms based on both approaches, and have developed a prototype using the PDFBox1 library to access the object data within the PDF and the XMIllum2 environment for visualization. A key benefit of text mining is that it enables much more efficient analysis of extant knowledge. It also tilt text is detected, high accuracy in natural scene, requires less text extraction database and most relevant and accurate data is retrieved from the web. The most common problems with PDFs are Text is unreadable or when setting up a document, content may run too long and throw off the page layout. Images are not sharp.

Matthew N. O. Sadiku1 , Adebowale E. Shadare 2 , Sarhan M. Musa 3 and Cajetan M. Akujuobi " Data Visualization" International Journal of Engineering Research And Advanced Technology(IJERAT) ISSN: 2454-6135 [6]

This paper summarizes the data visualization such as data is abstracted and summarized. A visualization system should perform a data reduction, transform and project the original dataset on a screen. It should visualize results in the form of charts and graphs and present results in user friendly way. Advantages of data visualization are better understanding, Easy sharing of information, Accurate analysis.The problems with data visualization are, it gives estimation not accuracy, biased, improper design issue.

Shlok Vishwasrao, Saurabh Birari, Thanmai Gudelli, Hiteshkumar Sharma, Prof. Suhas Chavan "A Review on Training and Placement Management System".[7]

An organization recruitment whole resides in a student login and admin login. The operating system scheme permits the students to constitute their characterizations and upload all their information including academic and professional details to the system. The admin has overall rights over the system and can moderate and remove some details

Placement management software enables you to plan placements, train students in accordance with relevant market demands , organize placement drives and allow companies to recruit students.

III. PROPOSED SYSTEM

The proposed training and placement management software is intended to avoid the all drawbacks of the existing system and meant to give more easiness to the users that they can add and retrieve the information easily and quickly. The proposed system is intended to do the following:

There are mainly three types of the users they are administrator, students and HR. In above three users administrator has the most priority than the other two users.

➢ Admin module:

The administrator plays an important role in the project. Training and placement officers are the administrator in the system. The different functions involve the case of an administrator are updating, approval sending information to students regarding to the placements. In this module admin will login through username and passwords, once he logins he will be directed to the dashboard where he gets the complete details of every student of different courses and departments.
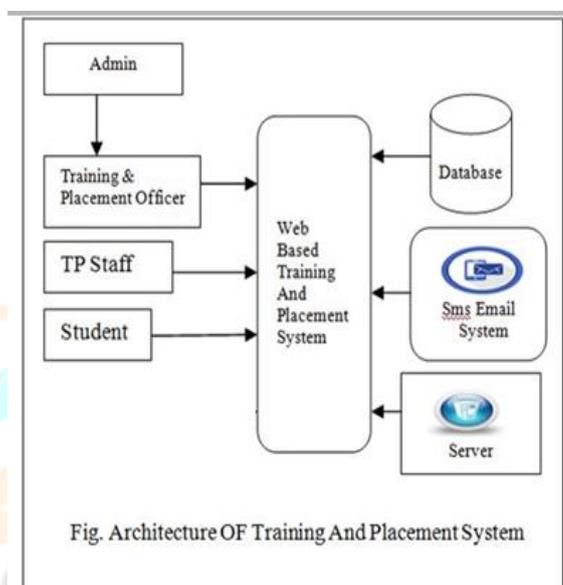
➢ Student Module:

In student module first student do their registration form which contains the details such as name, personal details, mobile number and email id. After filling the details students receive the activation link will be sent to students email to activate the account.

➢ HR Module:

The TPO can also login to HR section through username and passwords. Placements officer can add the HR's are maintained. TPO can add the newly visited company to the database.

IV. BLOCK DIAGRAM

Fig. Architecture OF Training And Placement System

In this diagram , there are mainly two entities Admin(TPO officer or Training and Placement Management Staff) and Students . Students can do registration. As soon as they submit the registration form their request is send to the server and accordingly server will respond to it. Students Data is stored on server which can only be accessible by TPO officer or staff. Whenever new drive is uploaded by TPO students will get notified by email

V. CONCLUSION

In this way we have studied various survey papers of Training and Placement software for the college which helps the training and placement officer to maintain the records of the students of current and Alumni. Due to data visualization glance over the record becomes more easy and quick. Its save the times also.

VI. REFERENCES

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