**SYNOPSIS**

**ON**

**PLACEMENT INFORMATION SYSTEM**

**SUBMITTED BY**

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**ABSTRACT**

The main objective of Placement Information System is to develop software which manages placement activities in college & makes an interactive GUI where Training & Placement Officer can manage details of all students on his console. Although such a project has a very wide scope, this project contains the most important part i.e., displaying the personal and academic information of a student and company. The students and companies are also provided with the facility of editing some fields like username and password.

The project also allows a Data Base Administrator to enter the information of a student and company which is then stored in the corresponding tables in the main database. He can also delete the student and company information after placement is over from the main database.

This project is aimed at developing an online application for the Training and Placement Department of the college. The system is an online application that can be accessed throughout the organization and outside as well with proper login provided.

This system can be used as an application for the training & placement officer of the college to manage the student information with regards to placement.

**TABLE OF CONTENTS**

1. Introduction
2. Technologies / Software Requirements
3. Minimum Hardware requirement
4. Modules Description
5. Outputs/Report
6. Conclusion
7. Gantt Chart (In terms of weeks)

**INTRODUCTION**

The placement information system project is developing an online application for the Placement Department of the college. This project is mainly used by three users. They are Faculty, Admin and Students. This system is mainly useful for the Training and Placement Officer (TPO) of the college to manage the student information with regards to placement cell.

Students logging should be able to update their information. Admin after logging in can access/search any information put up by Students. Admin send notification to all the students who are eligible and the company profile is also made available to the students.

The company visits the campus on the mutually agreed date and conducts Aptitude/Group Discussion/Seminar/Technical test/Personal Interview as a part of their preferred selection procedure. The company is expected to furnish the final list of selected students on the same day after the completion of the campus selection procedure. After that Populate the recruited and rejected students which can be visible to the students. Once a student is selected in one company, he/she will not be allowed to appear for other companies interviews as per Recruitment Policy of the college.

**Existing System**

The Existing system is a computerized system but which is maintained at individual databases i.e., in excel sheets. It is a time delay process and maintaining all the records in Excel sheets is difficult. If they want any record, they have to search all the records. It does not provide multiple user accessibility and does not have different user privileges.

So, the system is not accessible for all the employees of the organization. It is difficult to find out the eligible candidates for the placement and also to forward the registered students to the company.

By this process the student can view his details and if there is any correction to be made in the data, the student should send a request to the admin, since the student cannot change the details. So, the existing system is carrying more time to do piece of work for this reason the online system placement information system is implemented.

**Drawbacks of Existing System**

* Access single records from the entire database is very difficult
* Database id maintained at individual levels
* The system is not an online system

**Proposed System**

The proposed system is a browser, which is completely related to internet browsing. The web enabled information management system designed to automate the entire operations of a modern. This maintains and controls the training and placement details and does online operations and generates various reports. This system allows multidivisional, handling that includes various activities. In this system it gives the entire reports of the account and their details.

**Highlights:**

* Saves your time
* Manage the entire process in easy and quick way
* Enhance the applicants
* Improve the maintain standards

**Advantages over Existing System**

* The proposed system is automated that is faster than the existing manually maintained system and can handle data easily.
* Computerized of the details of the members and placement operations.
* The system allow administrator to control all the activities hence identifying the roles and accessibility of other users.
* Accurate information can be generated easily and quickly at different levels.
* Report can be generating easily and quickly.

**Scopes & Objectives**

The proposed system is automated that is faster than the existing manually maintained system and can handle data easily. Computerized of the details of manually maintained placement operations. The system allow administrator to control all the activities hence identifying the roles and accessibility of other users. Accurate information can be generated easily and quickly at different levels. Report can be generating easily and quickly.

**SOFTWARE REQUIREMENT**

* Operating System
* Code Editor: Microsoft Visual Studio, VS Code
* Front End: React.js Bootstrap
* Back End: .Net, SQL Server Management Studio, Postman

**MINIMUM HARDWARE REQUIREMENTS**

* Intel i3 or Above
* 4GB RAM or Above
* Hard-Drive Capacity 64GB or Above

**MODULES DESCRIPTION**

In the software there are generally three kinds of users:

* Admin
* Faculty
* Student

**ADMIN**

* The placement officer basically is the admin of the system.
* Once the admin logins, they’ll be able to view and delete the registered students.
* They update the list of companies available for recruitment and also updates the schedule for various recruitment drives.
* Admin will be able to update the student database with the list of students placed in various companies and their details.
* The admin maintains all the students who registered to the placements. And also maintains the details of the students who are eligible to which company placements.

**FACULTY**

* The faculty can view the complete details of the students who registered for the placements. If he found any data of the student is entered incorrect, then he should inform to the admin since the faculty cannot change the student details.
* They will be able to perform search operation for a particular student detail in the student database.

**STUDENT**

* The student who registered for the placements can view their details.
* If they found any incorrect data in the database then the student should request the Admin. And then the placement officers update the data in the database.
* After login, the student should be able to view the list of companies open for recruitment and the schedule of various recruitment drives.

**REPORT /OUTPUT**

The paper demonstrates use of web application that makes it feasible for students to know about companies and makes it easy for placement team to know about student interests and who are willing to apply for a company and can also know about students through the marks provided by faculty.

It also makes it easier to upload data related to companies, which decreases the effort to upload the data related to companies.

**CONCLUSION**

Placement Information System manages student information in the college with regard to placement. It improves existing system. It has the facility of maintaining the details of the student, thereby reducing the manual work. It will save time and energy which are spending in making reports and collecting data.

It easier for students know more about the companies, as a result makes it easier for them to apply and try for companies that they are interested in. Develop front end which contains restrictions for user in contrast to admin. Generated at a set that contains definitions of the tags.

**GANTT CHART (IN TERMS OF WEEKS)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **WEEK**  **1** | **WEEK**  **2** | **WEEK 3** | **WEEK 4** | **WEEK 5** | **WEEK 6** | **WEEK 7** | **WEEK 8** | **WEEK 9** | **WEEK 10** | **WEEK 11** | **WEEK 12** |
| ***Requirement analysis and feasibility check*** |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Designing*** |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Coding*** |  |  |  |  |  |  |  |  |  |  |  |  |
| ***Testing and maintenance*** |  |  |  |  |  |  |  |  |  |  |  |  |