

# Placement Hub

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**Abstract-** *The System is beneficial for college students, placement officer and even for college administration. The software system allows the students to upload their resumes and details including the marks onto the system. The admin can check each student details and remove faulty accounts. The system allows students to view the list of companies which is coming for campus recruitment. The admin has overall rights over the system and admin can only moderate and delete the details of the system. The system handles students as well as company data and efficiently displace all this data to respective sides.*

## I. INTRODUCTION

Manual works on Placement which is done at many colleges by human intervention may cause errors. Searching and updating is the major part of the student data. Placement officer's work is to manage the student's profile and their documents. Placement Officer have to collect all the information about the companies who is coming for the recruitment. Placement officer's work is to arrange the profiles of students according to various streams and notify the students each time according to company requirements. This process is difficult and slow when users increases. This is tedious and time- consuming. Chances of missing data are also possible. It is also difficult for collecting, managing, and updating student data as the number of student increases.

'Placement hub' like many other placement management web sites, provides information to providers and the placements and also keeps up to date information of all students. It is a platform where the students can view and assess their opportunities. The system will be having different types of accounts for different types of users such as Admin, Student, HODs, and Principal. A profile for each student is created. The system uses MySQL for database and the data will be sort student based on eligibility criteria and a list of eligible candidates will be prepared and they can attend upcoming particular drive. This is the way it reduces the work of college faculty from the problems caused by the manual work of human and wastage of time doing all processes manually.

## II. LITERATURE REVIEW

The following chapters give an overview of the various methodologies used by various authors for Placement Hub.

### 2.1 Placement Management System for Campus Recruitment

**Author:** Ajeena Sunny, Aneena Felix, Angelin Saji

**Published In:** International Journal of Innovative Science and Research Technology

The purpose of the Placement Hub is to automate the existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data are stored with easy access and manipulate.

This a web portal used throughout the organization. This system gets requested the list of candidates for the company.

This system is easy to find out the eligibility candidates and it manages the details of student records, placement training and different placements happening in and out of the college.

It saves the time of placement officer, HOD and administrative. This system makes student data more secure.

Thus it'll help the organization in better utilization of resources. The project is developed the objective of making the system reliable, easier, faster and more informative. Basically, it describes the way to inform the proper communication between the placement officer and students.

### 2.2 NIE Placement hub

**Author:** Akshay Kumar, Sanjay.V, Mahendrakar, Smrithi  
**Published In:** International Research Journal of Engineering and Technology (IRJET)

This is an android application for college placements. This application is used throughout the college with proper

login provided. In this application, the TPO will feed the company criteria and provide notifications to everyone and links for the placement preparations.

A major part of work is done by TPO which is to collect detail information about every student also the necessary changes updating the list of placed and unplaced students.

In this application in the front end all the schedules are available in everyone. This application as four types of users they are Student HOD, Principal, Placement officer. Training and placement officer can view and approve the various application forms.

Students can get the notification about the company visiting them. Each user is provided with different feature and authorization. Placement officer can search eligible student based the company criteria and generate list. Principal and HOD will receive the notification which is feed by the TPO.

The customized application for placement with provide flexibility, reusability even in the future.

## 2.3 Placement Management System

**Author: S.Sharmila Devi, M.Krishna Kumar, Kv. Naveen**

**Published In: Journal of Emerging Technologies and Innovative Research (JETIR)**

This project is aimed to develop web application for the placement cell. This system enables the students to upload their academic and personal details in online. The Placement officer will manage the student data and hiring company data.

The benefits of the system is to provide enhanced facilities and assemble all the placement related task carried out on various platforms to a single applications. Additionally email alerts can be provide to students not to miss the important announcement.

The main objective of placement management system is to manage the details of Student and placement in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate CSS file, and reduce complexity and repetition in the structural content.

## 2.3 Web Based Placement Management System

**Author: Anjali.V, Jeyalakshmi.PR, Sri Mathura devi.G, Ranjini.V**

**Published In: International Journal of Computer Science and Information Technologies (IJCSIT)**

Web based placement system is aimed to develop an application that can be used by the administration with the proper logins provided. Here the placement officer is to manage the student information regarding placement.

The main objective of this project is the single time registration enabled. The student can upload their resumes and further personal details in this educational application. The placement cell allows the companies view and hire the students in the respective manner. So, that the manual work and the continuous paper work will be reduced.

This can be developed by the use of PHP for frontend and MY SQL for backend.

## 3.1. FRONT END

### 3.1.1.HTML

Hypertext Markup Language (HTML) is the standard markup language for creating web Pages and web applications. With Cascading Style Sheet (CSS) and JavaScript, it forms Cornerstone technologies for the World Wide Web. Web browsers receive.HTML documents from a web server or from local storage and render the documents into multimedia web pages.HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page HTML provides a means to create structured documents by denoting structural semantics for text Such as headings, paragraphs, lists, links, quotes and other items.

### 3.1.2 CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.CSS is designed to enable the separation of Presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS

in a separate CSS file, and reduce complexity and repetition in the structural content.

### 3.1.3 JAVASCRIPT

JavaScript is a dynamic computer programming language. It is a lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object oriented capabilities.

## 3.2 BACK END

### 3.2.1. PHP

Taken directly from PHP's home, "PHP is an HTML – embedded scripting language much of its syntax is borrowed from C, Java and perl with a couple of unique PHP-specific features thrown in. The goal of the language is to allow web developers to write dynamically generated pages quickly." This is generally a good definition of PHP

.However, it does contain a lot of terms you may not be used to. Another way to think of PHP is a powerful, behind the scenes scripting language that your visitors won't see! When someone visits your PHP webpage, your web server processes the PHP code. It then sees which parts it needs to show to visitors (content and picture) and hides the other stuff (file operations, math calculations, etc) then translates your PHP into HTML. After the translation into HTML, it sends the webpage to your visitor's web browser.

### 3.2.2. MYSQL

MYSQL is relational database management system (RDBMS) developed by Oracle that is based on structured query language (SQL). A database is a structured collection of data. It may be anything from a simple shopping list to a picture gallery or a place to hold the vast amounts of information in a corporate network.

## IV. SYSTEM MODULES

### 4.1. HOME PAGE

Home page contain separate logins for students, HOD, placement officer and Administration. It also contain college contact details.

### 4.2. STUDENT LOGIN

The user can login in this page using password and username, the user can choose remember me option to login next time easily and also it provides forget password option to reset password. If the user name and password is typed with any mistake, the user will get notified that it is invalid password. The login details will be stored in database, once the details matched then only the user can login.

Students can access this page by updating resumes and the required details. They can able to view the upcoming, ongoing drives and can able to view the recruited details.

### 4.3. HOD LOGIN

The user can login in this page using password and username, the user can choose remember me option to login next time easily and also it provides forget password option to reset password. If the user name and password is typed with any mistake, the user will get notified that it is invalid password. The login details will be stored in database, once the details matched then only the user can login.

Students can access this page by updating resumes and the required details. They can able to view the upcoming, ongoing drives and can able to view the recruited details.

### 4.4. PLACEMENT LOGIN

The user can login here, if they are new to the webpage. The users have to fill the required details and those details will be stored in the database by using remember me option.

Placement officer can verify all the student details. They can update the upcoming drives and they can view the students, drive and company queries.

### 4.5. ADMINISTRATIVE LOGIN

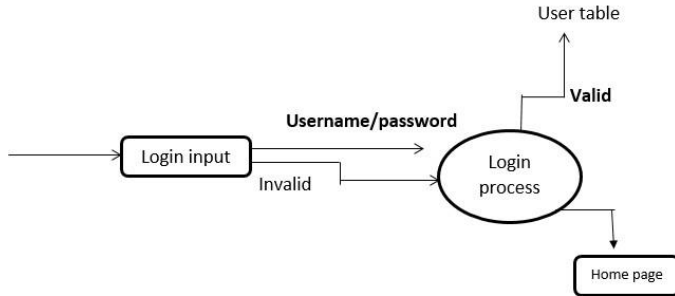
Here the user is the principal. The user can login here, if they are new to the webpage. The user have to fill the required details and those details will be stored in the database by using remember me option and can logout whenever they want.

Administrator can view the overall drive results, the HOD list, the student eligibility status and the overall queries by searching.

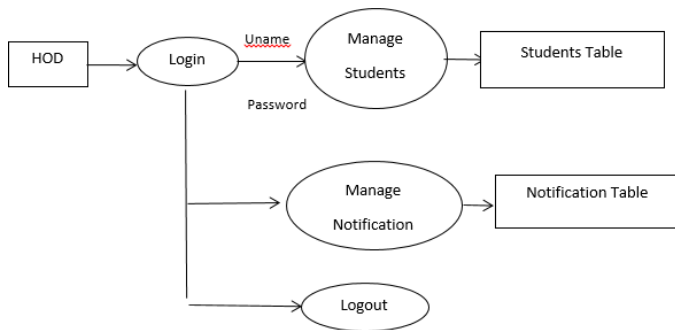
## V. ARCHITECTURAL DIAGRAM

### 5.1 STUDENT LOGIN

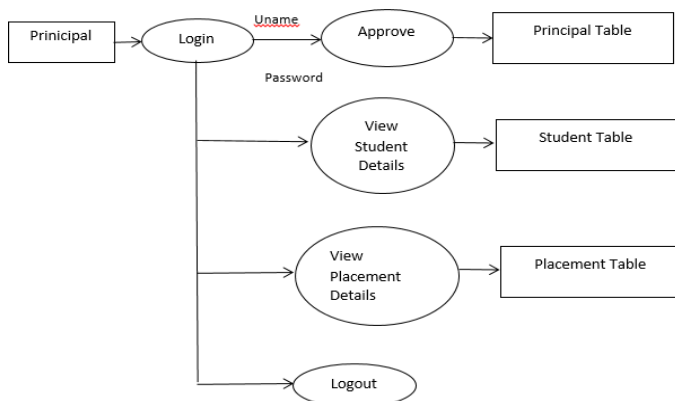
0 Level Diagram



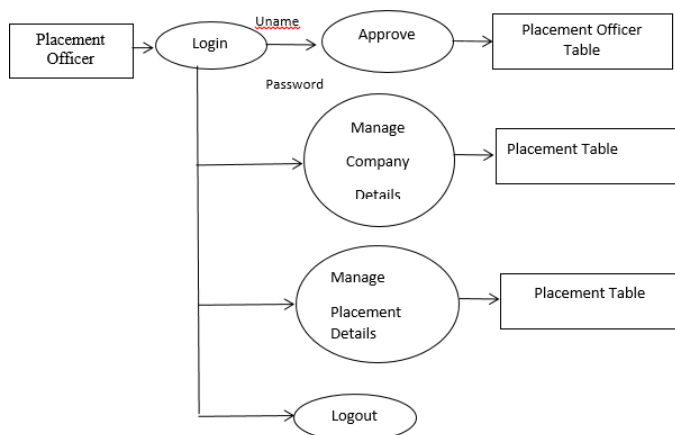
5.2 HOD LOGIN



5.3 PRINCIPAL LOGIN



5.4 PLACEMENT LOGIN



VI. CONCLUSION

This module helps an organization to maintain all those placement activities efficiently. This system is specifically designed for colleges to maintain the record of placement work. Maximum work goes manually in the present management system which makes it time to avail changes. This includes main problems like searching for the data of the students and sorting them along with it. Updating student's data also is difficult job and also knowing their queries is also difficult. In the proposed system all this problem become automated. The registration of the student for an upcoming placement the addition of the user sharing information etc. The placement officer validates the information and gives the student has based on the criteria required which otherwise would have been very difficult to manage.

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