



# STUDENT ELIGIBILITY SYSTEM FOR INTERNSHIPS AND JOBS

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## ABSTRACT

Student eligibility system for job/internship is a web-based information system where information is given either through internet or intranet using computer system. The main goal of this project is to effectively get the information about the eligibility of the student for an internship/job through a totally automated system that not only reduce the required time but also obtain fast and accurate results. This can give the information accurately and be an efficient way to get results. The database contains the student's information and their skills and preferences through which the data is retrieved. From a student's perspective, placements can bring a wide range of benefits and opportunities.

Training and management of placement is a crucial part of an educational institution in which most of the work is done manually. Manual system in the colleges requires a lot of manpower and time. With this project we aim to develop a web portal to solve this issue. The project is aimed at developing an application for the placement department of the college.

The system is an application which will be accessed and effectively used throughout the organization with proper login enabled. It can also be used as an application for the Placement Officers in the college to manage the student information about placement thus reducing the manual work and consumes less paperwork. The system also provides the facility of viewing the personal and academic information of the student. The system gets the requested list of candidates for the companies who would like to recruit the people according to their eligibility criteria.

## 1. INTRODUCTION

Manual Training and Placement which is done at various colleges is by human intervention due to which there is a maximum chance of errors. The major problem is searching and updating of the student data. Placement officers have to manage the student's profile and their documents. Placement Officer has to collect the information of various companies who comes for recruitment. Placement officers submit the information of students and if any changes or updates are required in the

profile of any student, it has to be done manually. This process is so difficult and tedious when the number of 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 students increases. 'Placement Management System' like many other placement management web sites, provides information on placement providers and the placements and also keeps up to date information of all students. It is a platform where students can



view and assess their opportunities. The system uses MySQL for database management and will sort the data of the student based on eligibility criteria demanded by the respective companies and a list of eligible candidates will be prepared and they can choose if they are interested to attend that particular drive or test. Based on this a final data-set is created and the interested candidates will be registered automatically by the system. This way it reduces the work of college staff or faculty from the problems caused by human error and wastage of time doing all processes manually.

**PURPOSE** Placement Management 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. Placement Management System can be accessed throughout the college with proper login provided.

**SCOPE** The project has a wide scope. Our project mainly helps in improving productivity and makes use of utilization of resources. There is no duplication of work as this was not the case when done manually. The project is a total management and informative system, which provides the up-to-date information of all the students in the college. Our system also help the college to overcome the difficulty in keeping records of hundreds of students and searching for a student eligible for recruitment criteria from the whole thing. It helps in effective and timely utilization of resources.

## 2. LITERATURE SURVEY

### **Title: TRAINING AND PLACEMENT DATABASE MANAGEMENT SYSTEM**

#### **Description:**

It is a 2019 model with HTML is the standard markup language for documents designed to be displayed in a web browser with css and javascript. PHP Hypertext Preprocessor (or simply PHP) is a general-purpose programming language originally designed for web development. AND MYSQL is an open-source relational database management system (RDBMS) are used. Advantages: 1. It has company modules in which company directly connected to the students. 2. It also have an SMS integration page which gives and instant messaging to notify students as most of don't go through emails. Disadvantages: 1. It does not working if any internet connection loss or offline mode. 2. It only working with the internet connection. <https://www.irjet.net/archives/V6/i12/IRJET-V6I1285.pdf>

### **Title: PLACEMENT SUPPORT SYSTEM**

1. Decision Support System (DSS) is a computer based information system that supports business or organizational decision-making activities and visual studio and sql are used.

**Advantage:** 1. It is secure and accurate for institute, students, industry.

**Disadvantage:** It is not offline system <https://ijarce.com/wp-content/uploads/2016/02/IJARCCE-78.pdf>

### **Title: Web Based Placement Management System**

The main benefit from this project is that one time registration is enabled. This project

is developed with PHP and MySQL. The placement cell calls the companies to select their students for job via the campus interview.

**Advantage:** Students can access previous information about placement.

**Disadvantage:** Notification sent through email.

<http://ijcsit.com/docs/Volume%207/vol7issue2/ijcsit2016070268.pdf>

### Title: Android Application for Training & Placement Cell

It provide sthe user friendly application in which students gets notifications .it also provides information interface to message the students and staff .MySQL database and Linux server are used in this application. database will be connected to the application using PHP

**Advantages:**

- 1.It is android based application.
2. The application could be used with the help of very limited training thus a very user friendly application will be created.

**Disadvantage:**

It is not always easy to access the information which is stored on the server because sometimes the server can be temporarily down.

<http://www.ijserd.com/articles/IJSRDV4I20509.pdf>

## 3. SYSTEM DESIGN

### 3.1 SYSTEM ARCHITECTURE

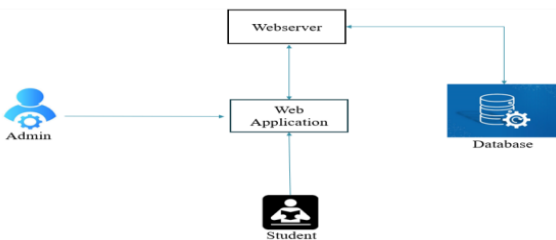


Fig. 1: System architecture

The system contains 2 modules as admin and student module. Each module has the same login page. The login page has a login id and password field. By entering values in that field users should log in to the system

**Admin Module:**

Opportunities -Admin can view ,post and delete opportunities in an application. User

Details -Admin can view the users those who have registered.Data Monitoring:-

Admin monitors the recruited user’s data to be placed in other jobs with high packages.

**Student Module:**

Students can register their details like name, password, email address, etc..Students can also view the opportunities and perform action according to it. They can also upload and update their details along with their certificates and resumes.

**Activity diagram:** The process flows in the system are captured in the activity diagram. Similar to a state diagram, an activity diagram also consists of activities, actions, transitions, initial and final states, and guard conditions.

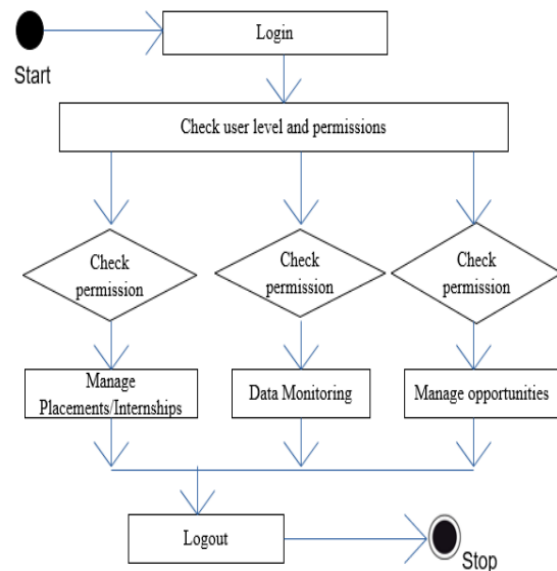


Fig. 2 : Activity diagram

## 4. OUTPUT SCREENS

### OUTPUT SCREENS:

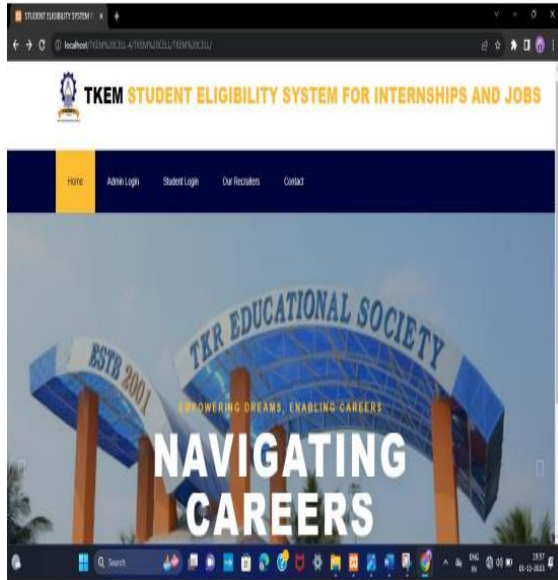


Fig 3: Our project webpage



Fig 4: Admin Page

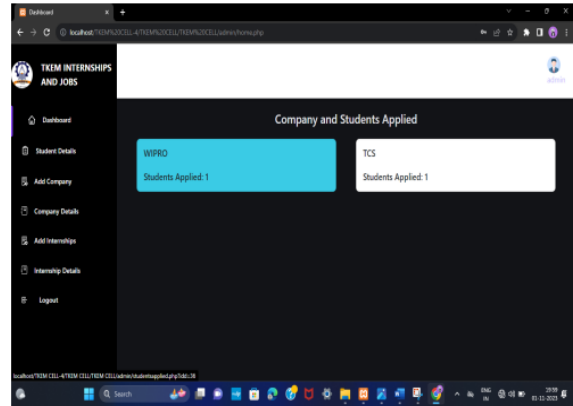


Fig 5: Dashboard

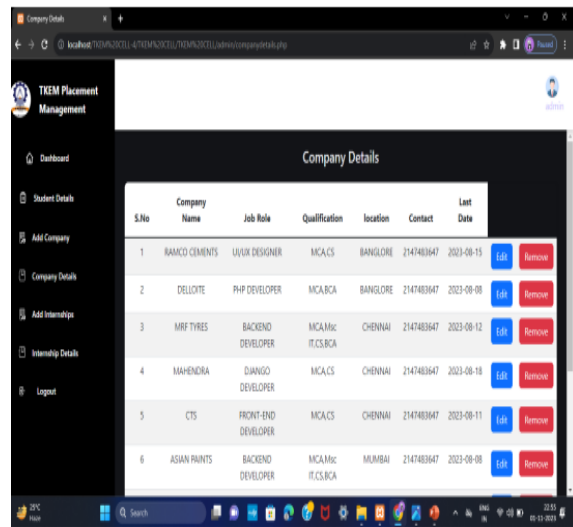


Fig 6; Company Details

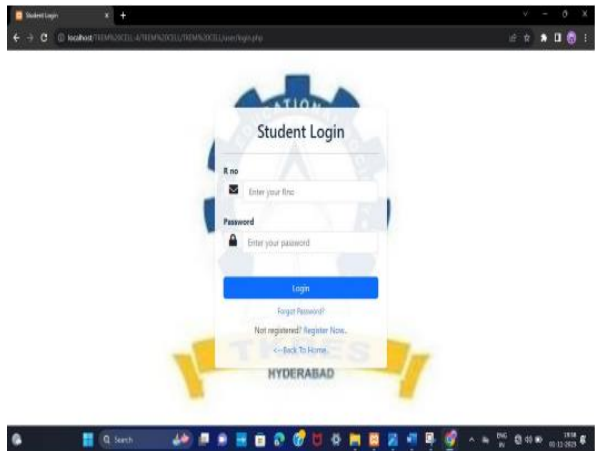


Fig 7: Student Login

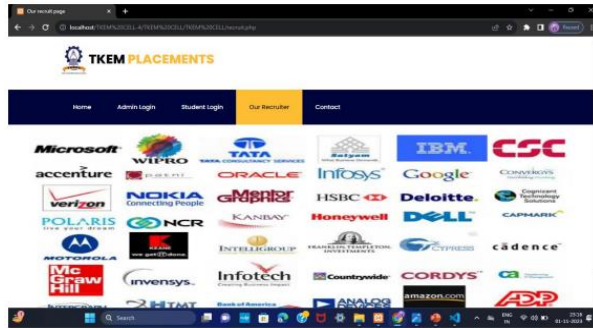


Fig 8: Placement blog

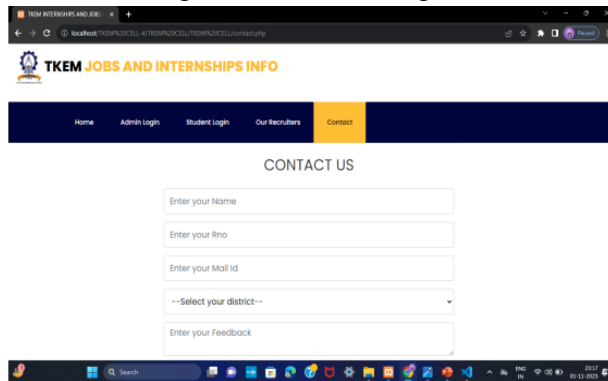


Fig 9: Contact US

## 5. CONCLUSION

The ‘Student Eligibility System For Internships and Jobs’ has been developed in the interest of students and to enhance the placement process and interests of internships. The successful implementation of this project will bring about a drastic change in the placement and internship activities, thereby benefitting all who are involved in it. ‘Student Eligibility System For Internships and Jobs’ will be a valuable addition to the college facilities. Maximum work goes manually in the present placement system which makes it take time to avail changes. This includes main problems like searching for the data of students and sorting them along with it. Also, updating student data is a cumbersome job and does not have a method to notify the student in time which makes the management of the placements very

difficult. In the proposed system, all of these problems become automated. The registration of the student for an upcoming placement, the addition of a new user, notifying students, sharing information, the privacy of the student, etc is all met. The admin validates the information and gives the student list based on the criteria required which otherwise would have been very difficult to manage. Maximum work goes manually in the present placement system which makes it take time to avail changes. This includes main problems like searching for the data of students and sorting them along with it. Also, updating student data is a cumbersome job and does not have a method to notify the student in time which makes the management of the placements very difficult. In the proposed system, all of these problems become automated. The registration of the student for an upcoming placement, the addition of a new user, notifying students, sharing information, the privacy of the student, etc is all met. The admin validates the information and gives the student list based on the criteria required which otherwise would have been very difficult to manage.

## 6. FUTURE ENHANCEMENT

In the future, we add different features like a direct messaging chat between the company and the student. Which provides a convenient way of interaction between students and industry. We also create an app which is a TPO app, is used to store information and maintain the placement procedures of a particular area or state in a particular stream. We can give more advanced software for placement management system including more



facilities. We can modify the project with a far better approach with more graphics. The backup procedure can be comprised to make sure of the database integrity. Also, we can add a page for admin to show total number of students in a particular department and out of them how many have been placed. We can also add data of past recruiters along with HR's contact details and if they have any vacancies. Improving the search technique so that such constraints as preferences could be taken into consideration. The project's future potential is enormous. In the future, the project could be deployed on an intranet. Because it is quite versatile in terms of expansion, the project can be upgraded in the near future as and when the need arises. The customer may now manage and thus run the complete task in a lot better, accurate, and error-free manner now that the planned database Space Manager software is ready and fully functional. The following is the project's future scope. In the future students may also be able to post or download notes in the future. There will be a few little modifications here and there to make the app more visually appealing, as well as statistics, tracking, and analytics. For significantly more, the entire project will be made available as an Android app. Artificial intelligence's contribution to several fields is growing all the time. So in the future we will

be using some machine learning algorithms in application, to make it more efficient. Barcode reader based attendance system will be used in future. Since it is more secure and efficient for teacher to access the details of any student. In future student can be login using the id or photo. We should continue to think on what is happening and consider whether things could be made better.

## 7. REFERENCES

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