

Development of Integrated Dashboard for Placement

1st Tejas S. Shinde

Department of Computer Engineering

Shrama Sadhana Bombay Trust's College of Engineering

& Technology, Jalgaon, India.

tejassshinde33@gmail.com

3rd Divya P. Patil

Department of Computer Engineering

Shrama Sadhana Bombay Trust's College of Engineering

& Technology, Jalgaon, India.

dppatil911@gmail.com

2nd Jayashri R. Patil

Department of Computer Engineering

Shrama Sadhana Bombay Trust's College of Engineering

& Technology, Jalgaon, India.

jayashripatil23500@gmail.com

4th Aishwarya P. Vanjari

Department of Computer Engineering

Shrama Sadhana Bombay Trust's College of Engineering

& Technology Jalgaon, India.

aishwaryavanjari4@gmail.com

ABSTRACT:

The "Development of Integrated Dashboard for Placement" project is a web-based information system for students and recruiters. The management cell, Training and Placement Cell, is supported by databases. In every college where the majority of the work is still done manually, training and placement play a significant role. This project's primary goal is to automate our college's training and placement process. This project reduces manual work and maximum the optimization, abstraction and security. This is an integrated dashboard which will help students and the administration have the power to implement each and every activity in campus hiring. Developed methodology is an integrated dashboard that can be accessed throughout the organization and outside as well with proper login credentials. The administrative of the institution can use this system as a dashboard to handle the student information related to placement recruitment.

1. INTRODUCTION

The analysis and monitoring of student performance in placement drives is the primary emphasis of this project. To implement this application, coordinator has to collect the student's data, those who are eligible and qualified for the aptitude and future rounds. Although the present system is computerized, the Training and Placement department cannot use it.

In existing system, the student's data is maintained in Excel Sheets. The admin manually shortlists the data in accordance with the requirements of the company. The placement department finds it difficult and occasionally inaccurate to manage and preserve student data manually. To overcome these limitations, we developed a new system called "Development of Integrated Dashboard for Placement".

This project's primary goal is to upgrade the system by adding new functionality. With appropriate login credentials, anyone inside or outside the Organization can access the developed system, which is an online one. This system can be used as a tool for the college's Training and Placement Department to handle placement information for students. The student's record includes personal details, educational qualifications, professional skills and academics, etc.

2. MOTIVATION

The Training and Placement department at our college is the driving force behind this project because they personally collect placement data and keep student records in the form of excel sheets for those who qualify for subsequent rounds. So with the help of the placement department we have decided to develop an integrated dashboard on training and placements. A placement management system can help to make easy the entire placement process, from application submission to final placement. This can save time and effort for both students and placement coordinators, making the process more efficient and effective.

3. PROBLEM DEFINITION

This project is aimed at developing an integrated dashboard for the Training and Placement department of the college. This system is an integrated dashboard that can be accessed throughout the organization and outside as well with proper login credentials. The college's Training and Placement department can use this system as a tool to handle the placement information for students.

4. OBJECTIVE

- Enables effective email communication between the training placement department and the student.
- The website is user-friendly and has a lot of GUI so that students can quickly examine the material.
- Admin can modify the Placement and organization record if needed.

5. SCOPE

This project includes a broad range of student data that may be divided into different streams and kept in the form of CVs. Numerous recruiters have access to student data, which they can then update and manage. Students receive notifications from the companies. Students can access previous information regarding Company recruitment schedule Page, View Recruitment Schedule, Show Selected List of Students Upload question papers for students.

6. TECHNOLOGY USED

1. Software: We need internet connection which is required from user standpoint.

- **Frontend:** Html, CSS, JavaScript.
- **Backend:** PHP
- **Dataset:** MySQL

2. Hardware: The hardware requirement includes a system with following configurations:

- **Processor:** Intel i3 processor or above
- **Hard Disk:** 512 GB
- **RAM:** 4 GB

7. MODULES

The Integrated Dashboard typically consists of several modules that work together to provide a comprehensive solution for managing the placement process.

Some of the common modules found in such systems include:

Students Database Management: This module is used to store student information such as their personal details, educational qualifications, and skills.

Company Database Management: This module is used to store Company information such as their Corporate Identification Number (CIN), Name and Mail ID.

Notification: This module is used to notify students about their placement status via admin. It includes features like E-mail Notification.

8. RESULT

The result we got from this system allows students to search for available job placements, apply for them, and receive updates on their application status through E-mail.

INPUT:

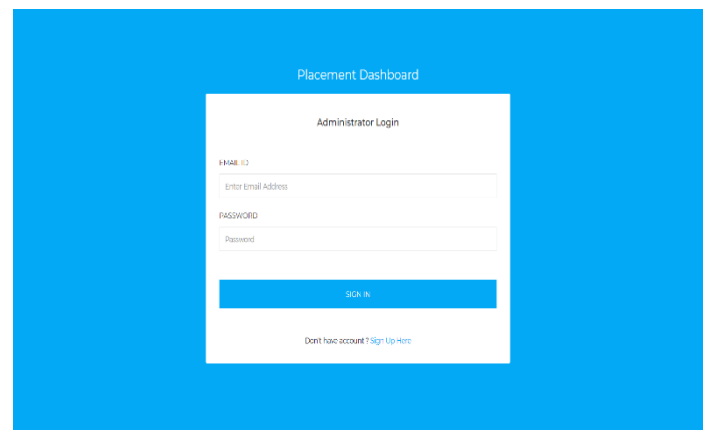
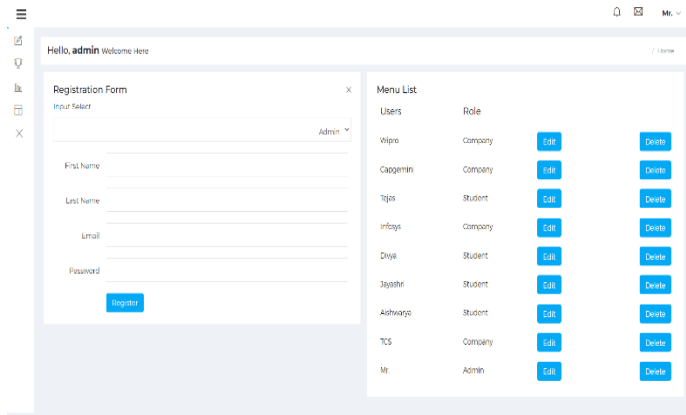


Figure 1. Login Page



The Admin Interface shows a sidebar with navigation icons and a main content area. The main content area is divided into two sections: 'Registration Form' and 'Menu List'.

Registration Form:

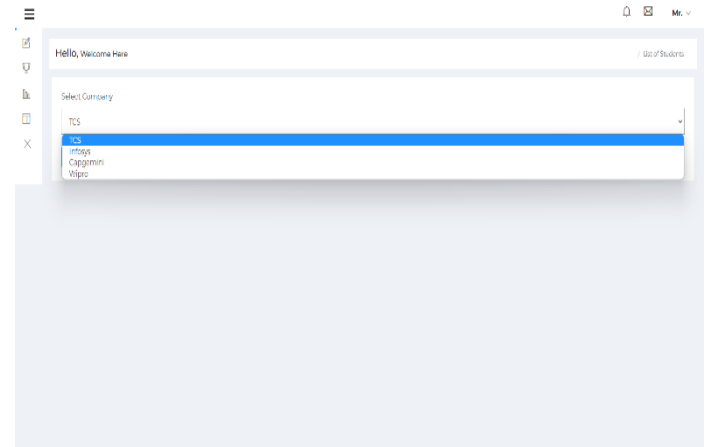
- Input Select
- First Name
- Last Name
- Email
- Password
- Register

Menu List:

Users	Role	Edit	Delete
Vijay	Company	Edit	Delete
Chagga	Company	Edit	Delete
Infog	Student	Edit	Delete
Infog	Company	Edit	Delete
Dhruv	Student	Edit	Delete
Jayashri	Student	Edit	Delete
Aishwarya	Student	Edit	Delete
TCS	Company	Edit	Delete
Mt	Admin	Edit	Delete

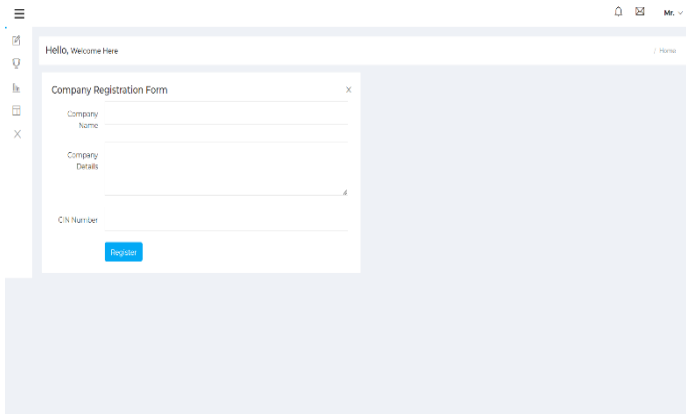
Figure 2. Admin Interface

OUTPUT:



The screenshot shows a 'Hello, Welcome Here' message and a 'Select Company' dropdown menu. The dropdown menu is open, showing a list of companies: TCS, Infog, Chagga, and Vijay. The 'TCS' option is selected.

Figure 5. Filtering student on basis of applied company



The Company Interface shows a sidebar with navigation icons and a main content area. The main content area is divided into two sections: 'Company Registration Form' and 'Company Details'.

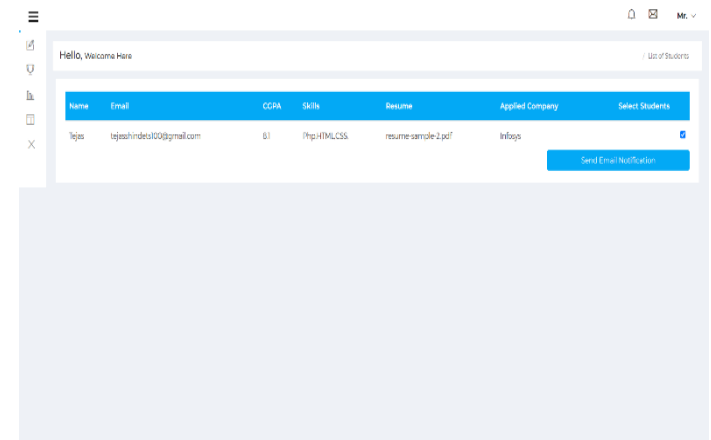
Company Registration Form:

- Company Name
- Company Details
- CIN Number
- Register

Company Details:

- Company Name
- Company Details
- CIN Number

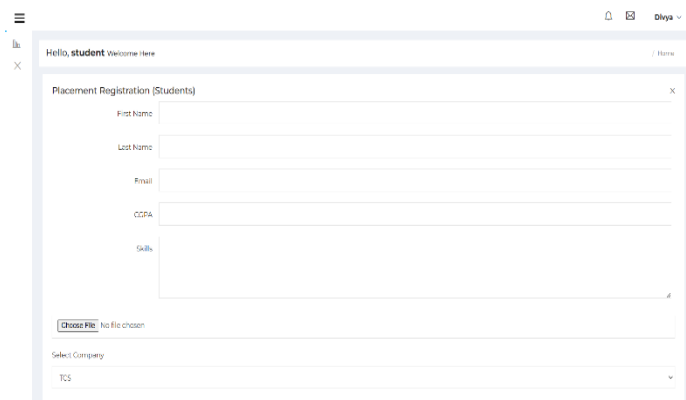
Figure 3. Company Interface



The screenshot shows a 'Hello, Welcome Here' message and a table of students. The table has columns: Name, Email, CGPA, Skills, Resume, Applied Company, and Select Students. The 'Select Students' column has a 'Send Email Notification' button.

Name	Email	CGPA	Skills	Resume	Applied Company	Select Students
Vijay	vijayshinde100@gmail.com	81	Php,HTML,CSS	resume-sample-1.pdf	Infog	Send Email Notification

Figure 6. Selecting eligible students to send notification



The Student Interface shows a sidebar with navigation icons and a main content area. The main content area is divided into two sections: 'Placement Registration (Students)' and 'Select Company'.

Placement Registration (Students):

- First Name
- Last Name
- Email
- CGPA
- Skills
- Choose File: No file chosen
- Select Company
- TCS

Figure 4. Student Interface

Notification of Placement Selection

Placement Dashboard <ts808059@gmail.com>
11:00 AM

To: Tejas

Notification about Placement

Dear Tejas,

I am writing to congratulate you on your eligibility for the upcoming recruitment drive of Infog. We have thoroughly reviewed your application and are impressed with your qualifications and achievements. Your application has met the required criteria, and we believe that you have the potential to contribute significantly to our organization.

We understand that it takes a lot of effort and dedication to reach this stage of the recruitment process. Therefore, we would like to extend our appreciation for your hard work and commitment. We believe that you possess the necessary skills and qualities that match our company's culture, values, and objectives.

We invite you to participate in the next stage of the recruitment process, which includes a personal interview with our hiring team. We will contact you soon to schedule your interview. In the meantime, please feel free to contact us if you have any questions or concerns.

We look forward to meeting you and getting to know you better. We wish you all the best for the upcoming interview and hope that you will join our team soon.

Best regards,

Tejas

Infog

Figure 7. E-mail Notification

9. CONCLUSION

The developed project can guarantee to keep the records are safe and privacy which is stored in database. It converts unstructured data into Structured data and sorted format. It is very helpful, reliable and performs well functional to get an email on cell phone. The overall performance of the system is shown by graphs. All the record stored in excel format. According to company criteria, just enter the requirement of company and according to that the list of eligible students get display and admin will notify them sending emails.

10. FUTURE WORK

There are several potential areas for future work and development for an integrated placement dashboard. These include Generate graphs on placement procedure on the basis of database, Filter the data about placed and unplaced students from available set of data, Add Chat-bot for clarifying student's doubts.

11. REFERENCES

- [1] Dr M. Raja Roy, S. Satya Sri, B. Sai Ram, UG Students Anil Neerukonda Institute of Technology and Sciences, Vizag, Andhra Pradesh, India.
- [2] Ajeena Sunny, Aneena Felix, Angelin Saji, Christina Sebastian, Praseetha V. M., UG Student, Dept. of CSE, SJCT, Palai, Kerala, India.
- [3] Suraj Trimukhe, Anil Todmal, Kanchan Pote, Monali Gite, Asst. Prof. S. S. Pophale, "Online Training and Placement System", International Journal of Advanced Research in Computer Science and Software Engineering. Volume 7, Issue 4, April 2017.
- [4] S. R. Bharamagoudar, Geeta R. B., S. G. Totad, "Web Based Student Information Management System", International Journal of Advanced Research in Computer and Communication Engineering Vol. 2, Issue 6, June 2013.
- [5] Mr. R. J. Laird, Dr. C. R. Turner Mima, "Interactive Web based Placement Management – Principles and Practice using OPUS" CGU-WACE, 2008.

Rajnesh Tripathi, Raghvendra Singh, Jaweria Usmani,

"Campus Recruitment and Placement System", International Conference on Recent Innovations in Science and Engineering (Icrise-18), April, 2018.

- [6] Farheen Taqi Rizvi, Naushin A. Khan, Saurabh Upadhyay, Sonali Suryawanshi, Shiburaj Pappu, Undergrad Student, Computer Engineering Department, Rizvi College of Engineering, Mumbai, India.