CAMPUS PLACEMENT MANAGEMENT SYSTEM

SUBJECT: MAJOR PROJECT (4IT33)

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Abstract

The application serves as a bridge between people involved in the placement process and students. The user doesn't require any special training to utilize this system. By hiring Graduates who meet the employer's requirements, the objective is to provide a systematic and simplified placement drive management system. Training and placement officers of the college update job openings in this system, which students may access from their tab and apply for it with the required qualifications. The major tasks of the software design process were requirements analysis, database definition, and data logical structure design.

Introduction

An approach for simplifying the process of employing young people for entry-level roles is campus recruitment. The Campus Placement Management System is a software application of that keeps track of all the information for the company, people involved in placement process, and registered candidates. Students can create their profiles and upload all of their information, including their resumes & academic results, using the software system. The placement coordinator can review each student's information and delete any invalid accounts. The hierarchy is maintained according to the roles of people in placement procedure in college and access to users is given in that way. Students can view a list of businesses that have posted job openings through the system.

Scope

There will be no need to post a note or contact every student informing them of the company's arrival at the university. Through this program, the students may keep themselves up to date. There is an admin login that allows you to see and modify both the accounts of the firm and the students as well as to post announcements, updates and results. Instead of visiting the placement department for registration, students can register online.
This approach reduces work and saves time. All characteristics, including verification, validation, security, user-friendliness, and others, have been taken into account.

Feasibility

Operational Feasibility:
This system would be very helpful to the people involved in placement process. As this project reduces human efforts (including of all users-TPO, TPF and TPC) for placement drive and processing of data made easy within few clicks, this project is highly feasible as far as market feasibility is concerned.

Time-Based Feasibility:

This system can provide data of students around 10x faster than the manual process of creating sheets for interested students and getting the placed students data. Within just a few clicks, the TPO can have glance as well as detailed view of placement scenario of the current academic year as well as past records.

Project Flow

Authentication

- User needs to Register first and login to the Campus Placement Management System to indulge in the placement process else cn view the results and announcements.

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Placement Drive announcement

- TPO post announcement about the company visiting for placement, and they also share details about the company and add the drive of the company.
- TPF,TPC and students gets updated about the announcement,results,drives through mail and visiting the website.
- TPF and TPC then validate the students applying for the placement drive.

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Apply for placements

- Students can view all the companies for which he/she is eligible according to the departmental criteria set by the TPO in the drive creation stage.
- Student can apply for the company in which he/she is eligible with all academic details along with their resume.
- Students can also download a system-built resume template, generated from the details they have entered in the system.

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Result announcement

- TPO updates the results of placement drive in the system.
- TPF, TPC can view the updated dashboard and the results posted.
- Students can view the results and if they are shortlisted, they will not be eligible to sit for further placement drives.
- Master data of the system gets updated.

Fig 1. Project Flow

State Diagram

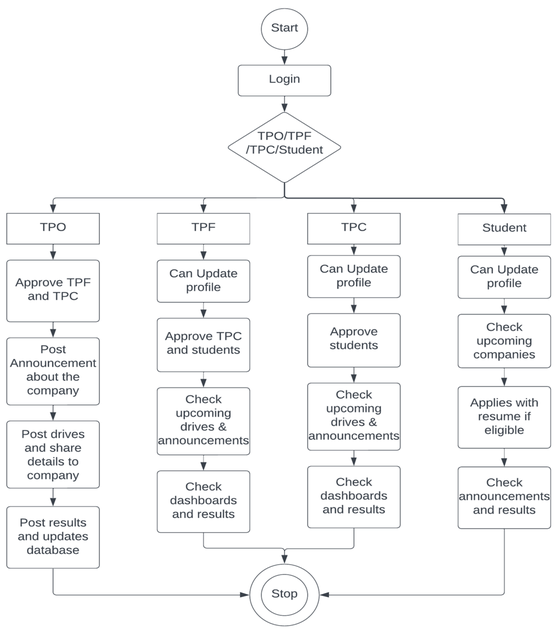

Fig 2. State Diagram

Screenshots of Functionalities

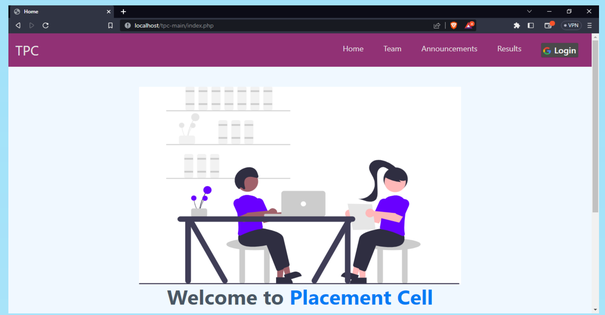

Fig 3. Home Page of our system.

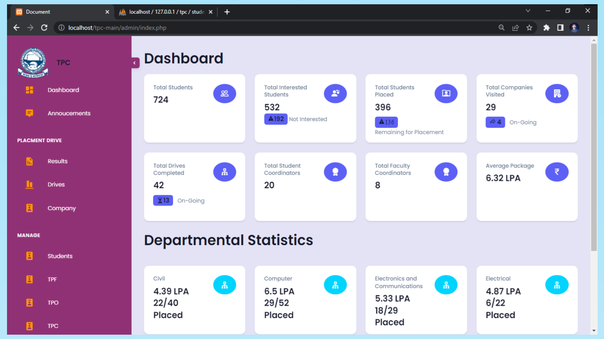

Fig 4. Dashboard for TPO.

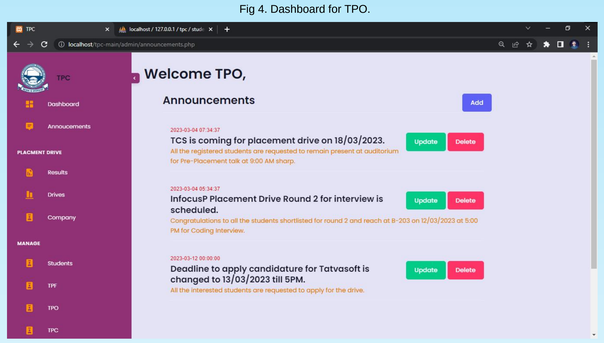

Fig 5. Pages to manage Announcements and Results.

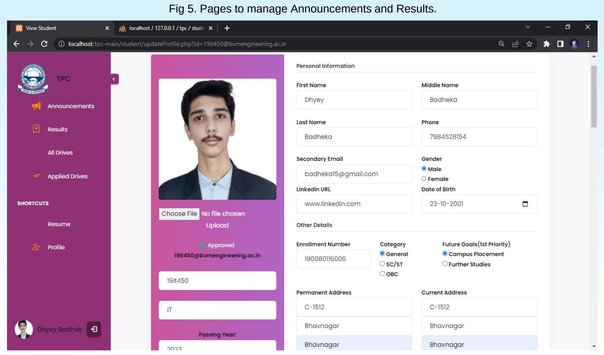

Fig 6. Master Data of Student

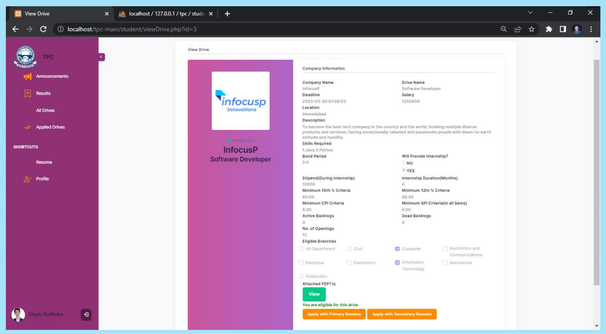

Fig 7. Apply for Drive if Student is Eligible.

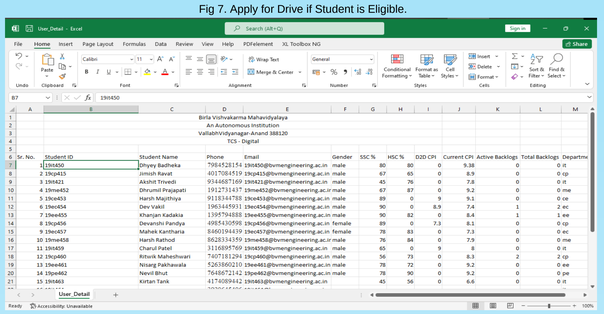

Fig 8. Student Data who have Applied for the Drive.

Conclusion

A new system was built and implemented using web technologies such as MYSQL, PHP, JavaScript, HTML, and CSS to overcome the majority of the issues and hurdles caused by the usage of outdated methods and approaches. The system manages student and placement records effectively. The admin, faculties, coordinators and candidates can manage their data using this management web application. This project will cut down on paperwork, make the most of setup and organizing capabilities, and save time and money that would otherwise be spent on creating reports and gathering data.

References

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[2] Prof. Seema Shah Assistant Professor, Mr Nilesh Rathod,“Design Paper on Online Training and Placement System (OTaP) ”,International Conference on Education and Educational Technologies,2013.
[3] Anjali v, ”Web Based Placement Management System”, International Journal of Computer Science and Information Technologies(IJCSIT).

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