PATHWAYS TO SUCCESS: PLACEMENT PLATFORM TO BUILD YOUR CAREER

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Abstract: Placement Cell Officer acts as the center of coordination, our placement cell website transforms the career placement process. The portal simplifies all aspects of career placement, including submitting employment circulars, managing student registrations, and database gathering, with its seamless integration and user-friendly interfaces. This procedure is supervised by the Placement Cell Officer, who makes sure that posts are pertinent, timely, and match the interests and qualifications of the students. Students gain from a simplified registration procedure that makes it simple for them to apply for jobs, post their resumes. This database collection is overseen by the Placement Cell Officer, who makes sure the data is correct and current. The Placement Cell Officer serves as a key intermediary between students and potential employers, organizing networking events and offering career development advice through this extensive site. Our online platform makes career placement a smooth and effective experience for all parties involved by centralizing the placement process and providing the Placement Cell Officer with strong coordination capabilities.

Index Terms: placement, database, registration, apply, career development, extensive

I. INTRODUCTION

College placement cells play a critical role in helping students move from academic institutions to professional professions in today's competitive labor market. But the conventional approaches to organizing internships and job placements are frequently ineffective and do not properly utilize the potential of digital technology. Our study examines how a web portal is implemented and how it affects college placement cells, with a particular emphasis on the Placement Officer's crucial role in facilitating all procedures.

By providing a complete platform for companies, placement officers, and students alike, the Placement Cell Web Portal marks a fundamental shift in the way institutions handle professional placements. The placement process is made more efficient and effective by the portal, which centralizes employment circular submissions, student registrations, and database collections.

This project explores the features and operations of the online site, highlighting the Placement Officer's crucial role in coordination. The research is to assess the effectiveness of the portal in enhancing the whole placement process for students and employers through a thorough examination of user experiences, data management procedures, and stakeholder involvement.

Our initiative also looks into the wider effects of digitizing placement procedures, such as the possibility of greater scalability, accessibility, and transparency. Our initiative looks at case studies and best practices from organizations that have implemented comparable online portals in an effort to offer advice and insights to universities looking to improve their placement services in the digital era. In general, this thesis adds to the expanding corpus of research on college placement techniques.

II. LITERATURE SURVEY

The paper "Placement Cell Management System" by Adarsha A et al. makes a proposal for a placement cell management system. Their strategy was to preserve student data while streamlining placement cell procedures. This research does have certain shortcomings. The system's objectives are to digitalize and simplify the administration of student data, hiring procedures, and correspondence with the placement cell, college administration, and students.

Varsha Mali et al.'s work, "Placement Web based Application," suggests an alternative strategy. It concerns a system of online instruction and placement for college students.

The three main elements of the system are Resume Building, Test Taker, and Admin. The administrator can create test takers, create tests, and view the outcomes and grades using the admin module. Students can take aptitude tests, see their grades, and make personalized resumes with the Test Taker module.

The system's objectives are to plan and coordinate placement campaigns, recruit students, and offer resume building services. The project is being created using Maria DB/SQL for the backend and .NET forms with the C# programming language. The system is mobile-friendly and secure with a Sha256 password encryption.

The "College Placement Management System," created by Maryam Sayyed, Faiza Umatiya, Seemab Zehera, and Shiburaj Pappu of Rizvi College of Engineering in Mumbai, India, aims to improvise the planning and organization of placement operations within the college.

Students can also use the resume-building feature. Students can learn more about the college's placement programs here. They have also communicated directly with HR regarding the potential scope of their project.

A study on placement management systems, titled "A Research on Placement Management System," was released by Alfiya Banu and Manju Bargavi S.K. The project's goal is to create a web application for a placement management system at a college. Utilizing a Windows platform, the application keeps student data in a database for use by hiring companies. Employers need to see both technical and personal talents stored on a resume. Institutions can utilize the system to handle placement information and student data. Students can follow their academic and personal data by logging into their accounts and uploading their work. By using less paper and less physical labor, this project saves time.

Efficient management of student information at colleges is the goal of the project "App Development Placement Drive and Recruitment Process," led by Mrs. B. Sathyabama, S. Mohamed Salahudeen, Z. Mohamed Sohail, and Mr. P.S. Mohamed Asarutheen. While administrators provide employment specifics for placed students, it enables administrators to get in touch with businesses and give students drive details. In addition, placement officers can upload firm and student data, and students can register to view specifics. The project's goal is to minimize manual labor while maximizing optimization, abstraction, and security, with the ultimate goal of maintaining student details. The project's objectives are to keep college and student placement records and give faculty and students access to firm facilities.

III. EXISTING SYSTEM

The current system's operations are carried out manually. To inform the students of the placement activities, the college placement cell officer must personally get in touch with them via alternative communication channels. This procedure takes more time and can result in errors; some students might not even get the chance to apply for a job placement drive sponsored by a company. These procedures take a lot of time, and they also make the placement process less effective. According to our investigation, several systems offer statistics regarding their history and placement count for colleges.

IV. PROPOSED SYSTEM

Using the sign-up page, we initially gather data from every student. For later usage, the gathered data is safely kept in a database. The placement admin is responsible for updating the student's data to current date. The placement administrator uses the site to upload the corporate circular after successfully getting the student database. The circular will include all the information needed for the business, including the job description and important concepts for preparing for the drive.

Via the database, the students are filtered according to the company's eligibility requirements, and those who meet the requirements are alerted to sign up for the drive. The company openings are categorized based on the various departments.
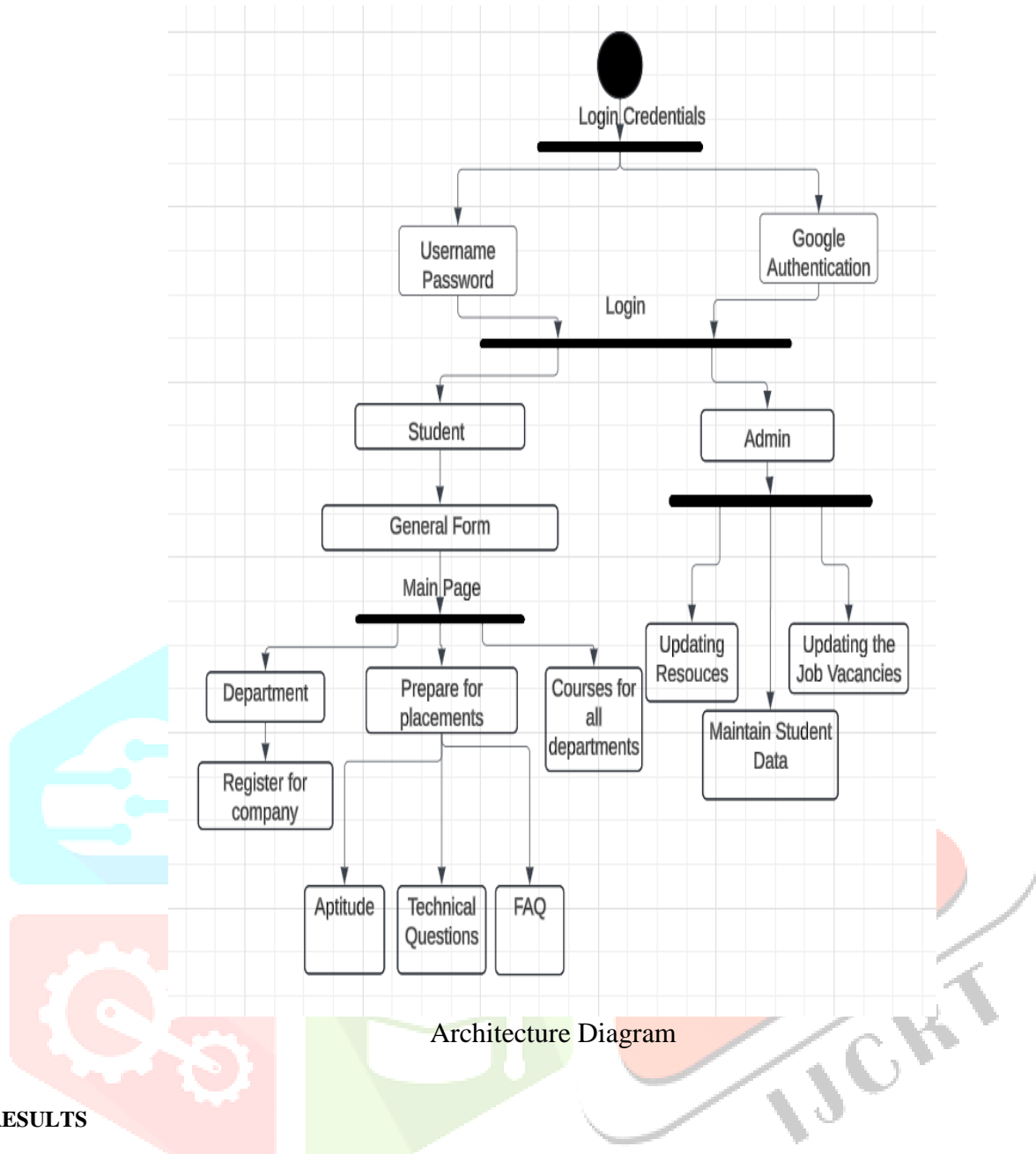
The admin receives the responses from the enrolled students via the portal. After checking the list, the administrator might forward it to the company for additional procedures. Based on the industry of the organization, we will offer the essential ideas to be aware of for the placement drive. Students will receive notifications about the driving date via the site.

The admin is responsible for updating the resources for the student's placement preparation, maintain the student data and update regularly about the company openings for freshers.

V. SOFTWARE USED

We have used Visual Studio Code as the code editor for our project. For developing our project, we have used HTML, CSS and JavaScript for frontend. We have used Google Firebase for database and authentication purposes.

VI. SYSTEM ARCHITECTURE

Architecture Diagram

VII. RESULTS

This paper has covered the standard college placement cell procedures, which entail faculty participation and take a significant amount of time. Our goal is to shorten this duration and improve the effectiveness and efficiency of the placement process by using our portal. Our project offers a web-based solution that helps college placement officers manage their student information while supplying reliable statistics that will help future students.

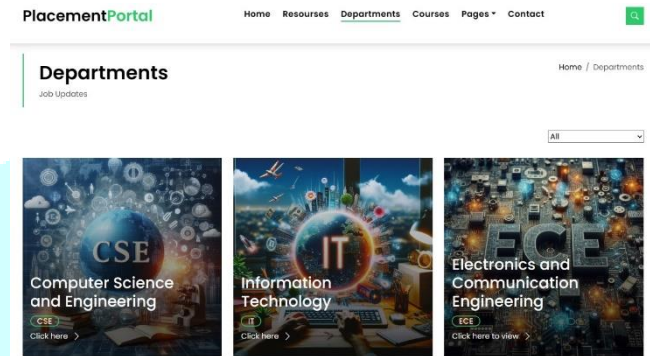**VIII.OUTPUT SCREENSHOTS**

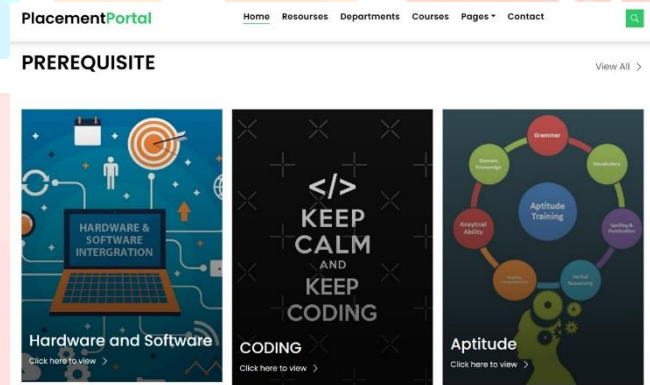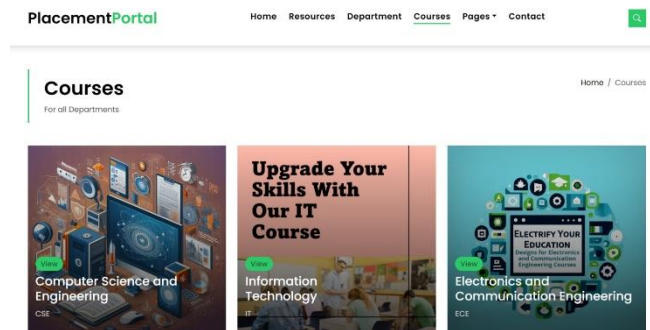Fig. 1. Home Page

Fig. 2. Departments Page

Fig. 3. Prerequisite

Fig. 4. Courses Page

IX. ACKNOWLEDGEMENT

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