

Sanpoly Placement Cell

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Abstract

The rising benefits of automated systems are now at the forefront, as many manual operations are mechanized. Because automated systems are in great demand these days, educational institutions such as universities are transforming their analogous or partially computerized systems toward computer-based operations. A particular approach that affects universities is the automation of the recruiting process. The project aims to provide an online tool for placing cells.

The Sanpoly placement cell has a pair of separate components for learners and administrators. Learners may sign up on the internet and provide educational and private information. Students may easily update their information and check job posts on their dashboard. Placement Officers can use it to handle both student and hiring firm data for open positions.

Key Words: Mysql, Express, Nodejs, React, JavaScript

1. INTRODUCTION

Paragraph comes content here. Paragraph comes content here. Campus recruiting is frequent at modern universities, although it may be stressful for both students and placement professionals. Several software and other industry organizations are holding campus selections to pick quality applicants. During campus selections, students have to send their information to the placing officer in order to be considered for hiring. The conventional approach entails manually gathering student information and shortlisting potential applicants based on business criteria.

Historically, every important detail is posted on the announcement board, thus numerous pupils fail to receive it within the time period. Furthermore, learners have to enter the data they provide, increasing the likelihood of errors or learners failing to correct their details on deadline. As a result, it is necessary to digitize the structure in order to remove mistakes and improve efficiency. Our project depends largely on the administrative module. They verify student registrations and update their records. The administrator will be able to review the students who have registered with a certain firm and their current position.

1.1 SURVEY OF PRESENT SYSTEMS

The initial article in this series is entitled "Placement Support System". Placement help aims to automate the placement cell. permitting resumes, providing employment vacancies to researchers, establishing strong connections, producing location analytics, assessing progress, and communicating with users are some of the responsibilities. The college frequently utilizes this system to manage student placement information. Furthermore, it aids college recruitment by supplying firms with student information. Before attending school, companies might gather information on qualified and interested pupils.

The next article is titled "Online Training and Placement System". This technique provides effective placement for pupils. This technology simplifies registration for students and allows placement officers to simply access their information. The mechanism can then readily Find for qualified learners. This mechanism automatically sends campus-related information to students. The entire architecture stores data, which is subsequently processed based on rules and conditions to generate reports and send emails to students. The designed system ensures the security and privacy of database records. It turns unstructured data to organized and sorted format. All of these factors help govern the mechanism. The placement cell is the primary administrator of the system. The training and placement mechanism is meant to benefit students, companies, and forums as well.

The suggested system automates user registration, activation and deactivation, customization, online resource delivery, communication, and feedback. The admin may authenticate user information, build student lists based on corporate criteria, offer company details to users, search and sort data, and generate reports. Alumni data will be kept. Overall, the placement department's processes are fully automated.

1.2 PROBLEM DEFINITION

A Placement Management System provides a solution to optimize the process of managing placement for students in educational institutions by addressing challenges such as lack of communication and difficulty in tracking placement activities.

A college's placement record is a key factor in a student's decision-making process.

OBJECTIVES:

- Establish an online space to reduce amount of physical effort necessary for handling educational resources.
- Manage student data and the placement cell.
- Improve communication between the student and the placement coordinator.
- Track student information and job postings

2. PRESENTED SYSTEM

The suggested design comprises pair of separate main modules: Student and Admin, every with its own set of tasks. It is more efficient and economical. The system addresses limitations of existing systems by storing student data in a database, providing increased security and accuracy, reducing paperwork and saving time, ensuring only eligible students have access, facilitating efficient data flow and report generation, and reducing space.

The Sanpoly placement cell aims to create a record of companies and students by narrowing down a large database to specific groups. The tool helps the placement officer organize and categorize student data based on company-specific percentage criteria. It also allows students to analyze their data, overcoming limitations of the current method.

The admin is our project's master user, and he receives the greatest priorities. The placement officer may easily examine and categorize data based on percentages, as well as remove extraneous information.

The suggested system enables us to attain these goals:

- Each alarm is provided on only one system, lowering the likelihood of skipping essential data.
- Link the design to the test unit to confirm students updated academic data.
- Information may be easily sorted and searched for specific requirements.
- Features like automated percentage and CGPA calculators can assist pupils avoid blunders

3. IMPLEMENTATION

The term "implementation" can refer to anything from a simple application to a full system replacement. The techniques, however, are essentially comparable. Implementation refers to the process of converting old systems to new ones. The new system may replace or significantly modify an existing human or automated system. The implementation strategy and timeline are acknowledged at the outset. The design is thoroughly tested while users are trained on the new practices. Effective execution is essential for establishing an efficient framework that meets organizational needs.

3.1 ADMIN MODULE

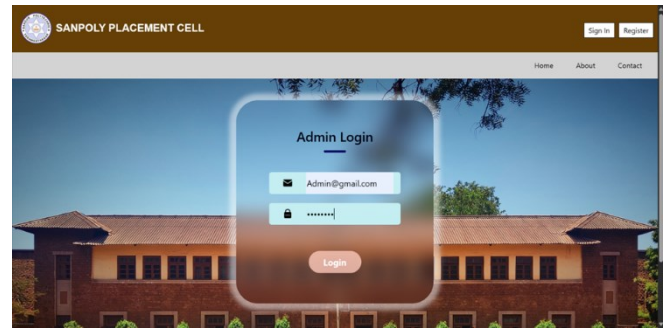


Fig 3.1.1 Admin Login

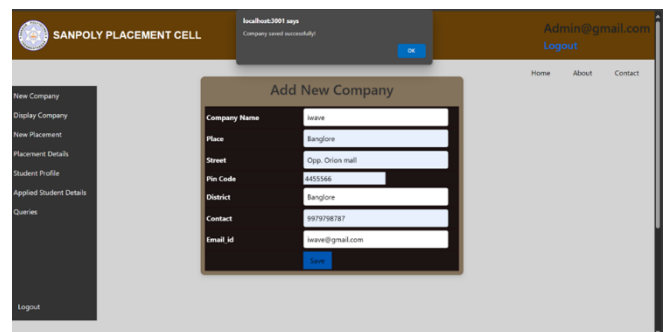


Fig 3.1.2 Admin adding company

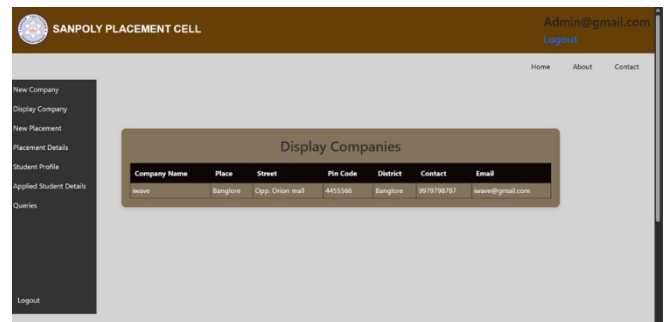


Fig 3.1.3 Admin viewing company details

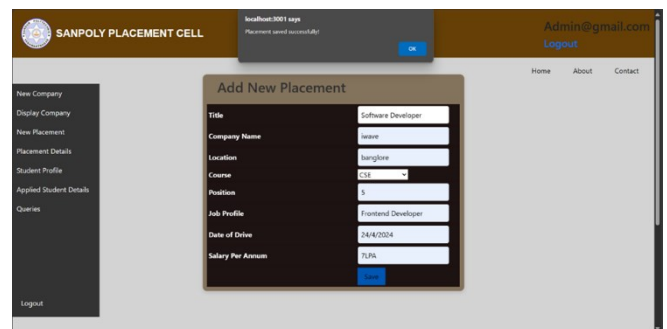


Fig 3.1.4 Admin adding placement for student

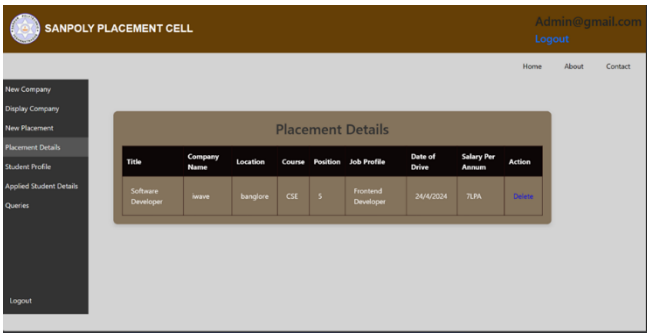


Fig 3.1.5 Admin viewing the placements

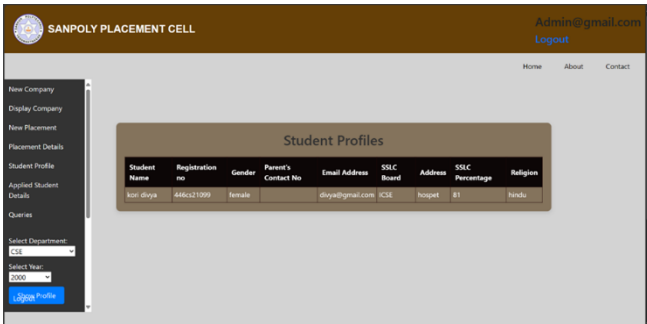


Fig 3.1.6 Admin viewing student profile of CSE department 2000-year student record

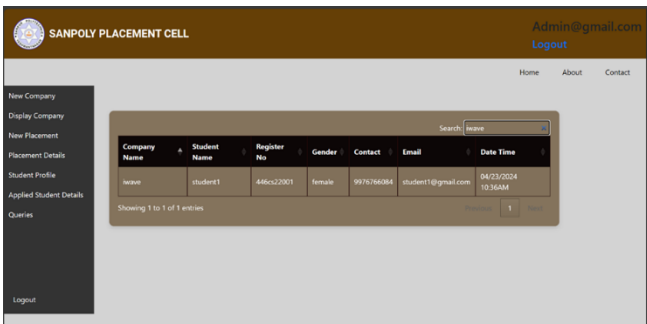


Fig 3.1.7 Admin viewing the student applied record by searching the company name

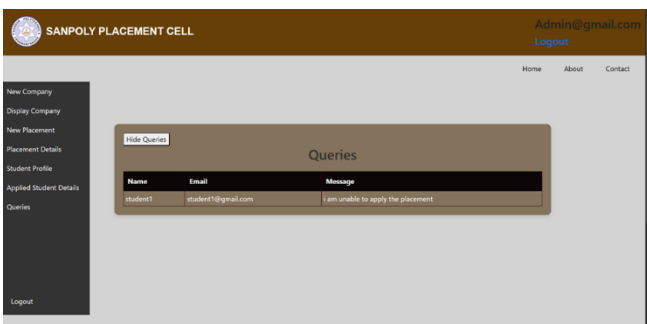


Fig 3.1.8 Admin viewing the student's query

3.2 STUDENT MODULE

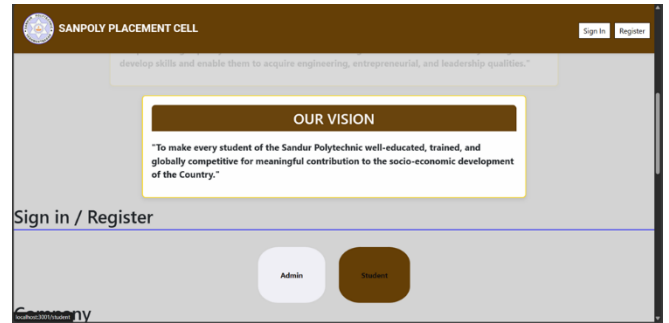


Fig 3.2.1 Student Unit

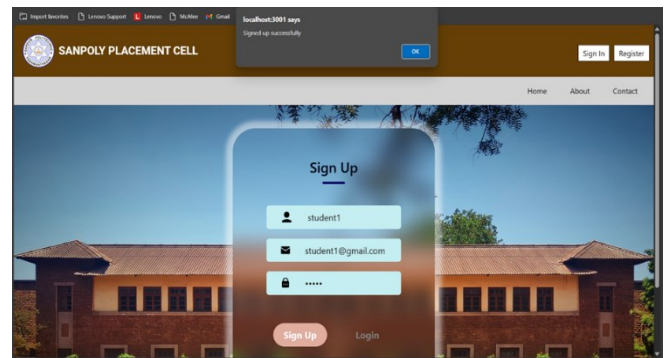


Fig 3.2.2 Student Signup

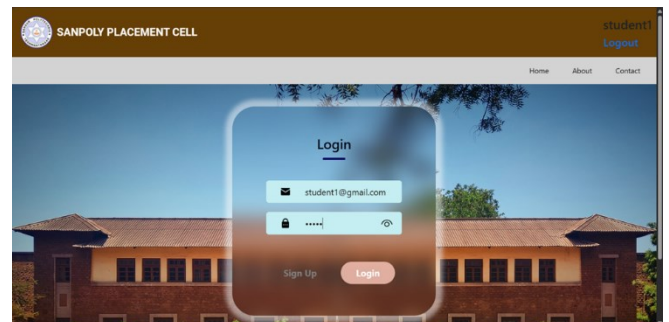


Fig 3.2.3 Student Login

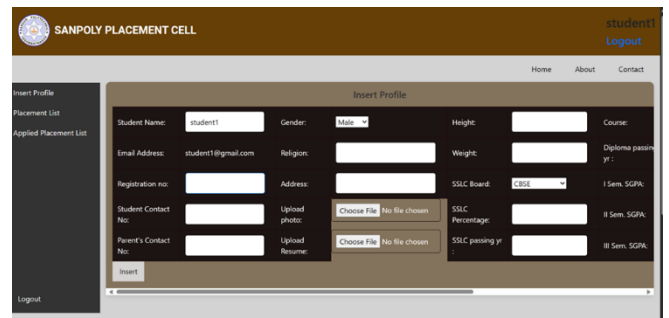


Fig 3.2.4 Inserting Student's data

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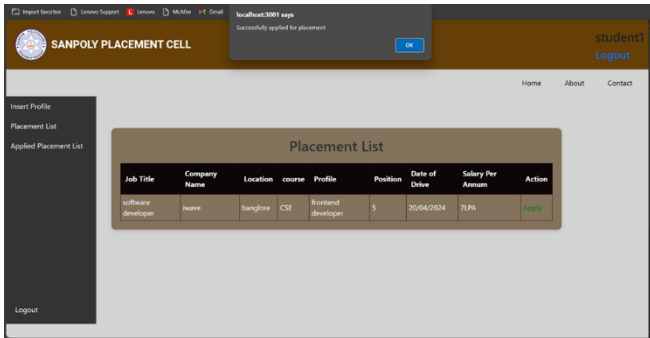


Fig 3.2.5 Placement list for student's where they can apply for placement

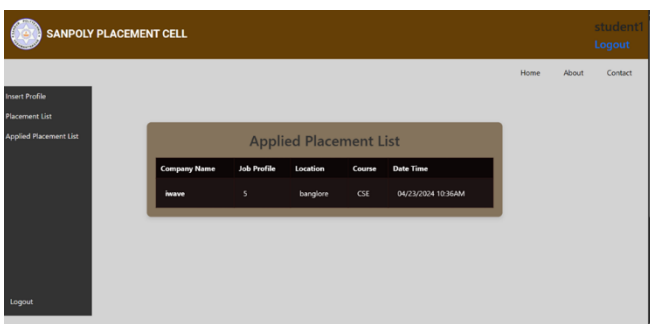


Fig 3.2.6 Student's Placement Applied list

4. CONCLUSIONS

The majority of the work in the present system will be done manually because system modifications take longer. The current method only notifies the TPO before campus visits, but our system notifies all eligible students. The planned online training and placement management system automates campus recruiting processes, including searching for individual student records. This technique might eventually be used for inter-college placement.