

Training and Placement Management System

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Abstract: Training and Placement is the pivotal part of any educational institute in which utmost of the work till now is being done manually. From a pupil's perspective, placements can bring a wide range of benefits and openings. Manual system in the institutes requires a lot of force and time. To overcome this issue, we aim to develop a web portal (Website) for automating the Training and Placement unit of PESMCOE (Progressive Education Society's Modern College of Engineering, Pune). The system will include minimal manual work and maximum optimization, abstraction and security.

The system is an operation which will be penetrated and effectively used throughout the association with proper login enabled. This web operation will help pupils as well as the administration authority (TPO's) to carry out each and every exertion involved in the training and placement process. Pupils logging should be suitable to fill the enrollment form. The crucial point of this system is that it's a onetime enrollment. Pupils can also keep track of their placement process through their dashboard. The system maintains the details of the pupils. The system gets the requested list of eligible students for the companies who would like to hire the people according to their eligibility criteria. Admin logging in may also search any information put up by the Pupils. This system saves time by dwindling manual labor and reducing the quantum of paper used.

1. INTRODUCTION

1.1: MOTIVATION

Campus recruitment is common in all colleges these days, yet this journey brings a lot of stress to students as well as placement officers. Various software and other sector companies conduct selections to select merit candidates. When Campus selections are made by students submitting their information to the appropriate placement officer to request a lease process. This routine process is maintained manually like collecting the student details and selecting the suitable students based on company criteria. Traditionally, all important information is displayed

on the notice board, as a result of which many students cannot get it information within the specified period. In addition, students manually enter their information, so there is a chance for errors or students they do not update their information in a timely manner. Thus, there is a requirement for computer automation of the system to reduce the likelihood of errors and provide greater efficiency. The admin module is important module which provides student verification, registration and updating details. The administrator will be able to see the students registered for particular company and their status.

1.2: PROBLEM STATEMENT

This project is aimed at developing an online web application for the Training and Placement cell of the PES Modern College of Engineering. Training and Placement cell will use this system to manage the student's placement-related information. Students can register, see company details and apply to the drives. We are automating the training and placement system to ease the process of placement.

1.3: OBJECTIVE

The main objective of the project "PESMCOE Training And Placement Management System" is to manage the details of Training, Placements, Company and Registered Students to ease the process of placement.

1.4: SCOPE

1. Our project primarily helps increase productivity and utilize resources. This was not the case with manual work, so there is no duplication of work, So less work and more morale. The system is intended for user-friendly operation that can resolve ambiguities.
2. This project is a comprehensive management and information system that provides up-to-date information to all students. Our system also helps the college overcome the difficulty of keeping records of

hundreds of students and finding the one student who meets the recruitment criteria from everywhere. It helps in using resources effectively and in a timely manner.

3. This project provides an easy-to-use, reliable, and fast management system. Placement officers themselves can carry out the placement process smoothly and effectively. No need to focus on record keeping. College can maintain computerized records, saving paperwork, time and money.

2. SYSTEM DESIGNS

• ARCHITECTURE DIAGRAM

2.1 Architecture Diagram

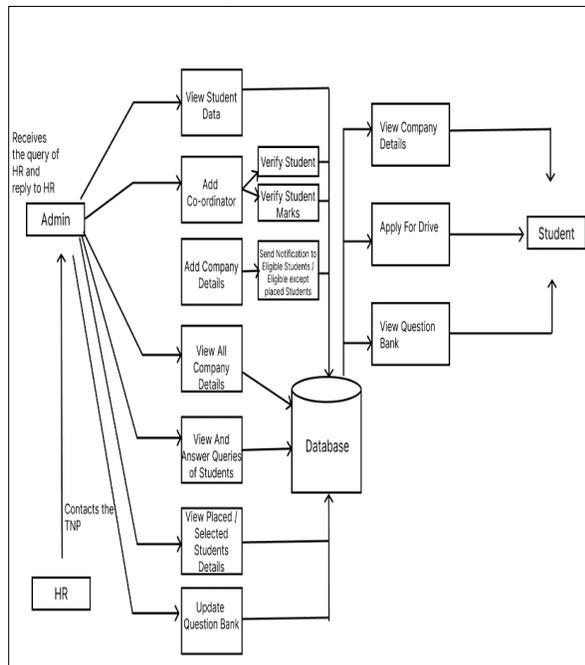


Fig 2.1 Architecture Diagram

3. FUTURE WORK

1. To convert the current web application system into the mobile application which will make the use of system more feasible.
2. To provide a add to calendar feature for students to get reminder about their interview / drive.
3. To allow the students to get notification and search results for off campus jobs and internships by matching their profile with job description.
4. To add the feature of resume building.
5. To allow the portal for conducting aptitude test and

analysis of that result for each individual student.

4. CONCLUSION

The existing system carry out all the tasks and processes involved in placement manually which makes the current system error prone. Also, the updating and searching of particular record is tedious task and requires lot of time.

In the proposed “PESMCOE Training And Placement Management System” all the tasks involved in placement process are carried out digitally and with automation. The storing and retrieval of the information is easy and efficient. This system saves the time and the paperwork required in the existing system.

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