

Project Abstract

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CLASS		S8 CSE-A		

1. Project Title:

College Placement Portal

2. Abstract:

The College Placement Portal is a comprehensive platform designed to streamline the placement process for the college administration, placement cell, class tutors, and students. This portal provides various features and functionalities tailored to the specific needs of each user group.

In the current system of placements, manual processes and paperwork often lead to inefficiencies and delays. Coordinating between students, administrators, and companies become challenging, resulting in miscommunication and missed opportunities. The lack of a centralized system also makes it difficult to track and analyze placement data accurately.

Our project addresses these challenges by offering a range of features. The administrator holds the highest authority on the website, allowing them to manage user roles, and ensuring efficient operation and access control. They can assign and modify roles for the placement cell/coordinator, class tutors, and students, maintaining the integrity of the system. The placement cell or coordinator plays a vital role in organizing on-campus drives. Through their dedicated panel, they can add, edit, and delete new on-campus drives,

ensuring relevant and up-to-date opportunities are available to students. Class tutors contribute to the accuracy of student data by uploading details such as CGPA (Cumulative Grade Point Average) and the number of backlogs. This enhances the integrity of student-related information, facilitating better matching with job opportunities. Students form a crucial user group, benefiting from various functionalities. They can view, register, and un-register for on-campus drives if they meet the eligibility criteria. Additionally, they can utilize the web scraping-powered off-campus drives section, which provides a wider range of placement opportunities. The portal also offers a learning resources section where students can access materials to prepare for aptitude tests, programming challenges, and group discussions. To ensure effective communication, an email-sending mechanism is implemented. Students receive notifications regarding new on-campus drives, keeping them informed about upcoming opportunities. Additionally, they receive reminders on the deadline day to register for specific drives, ensuring they don't miss out on potential placements.

Our project serves as a centralized platform, bringing together administrators, placement cell members, class tutors, and students. By providing a range of features and functionalities tailored to each user's needs, the portal streamlines the placement process, enhances data integrity, and maximizes placement opportunities for students.