CAMPUS PLACEMENT HUB

Batch | 14B

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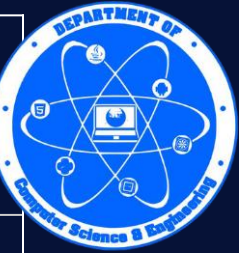
AGENDA

Abstract

The Campus Placement Hub is a web-based application designed to streamline the placement process in educational institutions. It centralizes student information, facilitates communication between students, companies, and placement officers, and automates various tasks related to placements. Key features include a centralized student database, company registration and communication, efficient information access, streamlined placement processes, administrator control, and enhanced communication. By improving efficiency and effectiveness, this software aims to enhance placement outcomes for students and reduce administrative burden on educational institutions.

Introduction

From a student's perspective, placements can bring a wide range of benefits and opportunities. Training and management of placement is a crucial part of an educational institution in which most of the work is done manually. Manual system in the colleges requires a lot of manpower and time. With this project we aim to develop a web portal to solve this issue.

Context: Developing a website for college students, placement officers and recruiters focusing on enhancing the manual system used in campus placements.

Motivation: Working on these projects can be personally fulfilling due to the positive impact on students' lives and the intellectual satisfaction of solving real-world problems.

Objective: The main objective of the placement management system is to reduce manual work and time.

Scope: The project has a wide scope. Our project mainly helps in improving productivity and makes use of utilization of resources.

Related Work

A comprehensive overview of existing research and developments in the field of campus placement hubs (CPHs). Key areas explored include the challenges faced by traditional placement processes, the benefits of CPHs, key features and functionalities of CPHs, technology and tools used, existing research studies, and gaps in the literature. By understanding the current state of research, this review aims to provide valuable insights for developing a robust and effective CPH that addresses the needs of educational institutions, students, and companies.

Key Features and Functionalities of CPH:

• Centralized student database

• Company registration and job posting

• Automated matching algorithms

• Communication and collaboration tools

• Data analytics and reporting.

Proposed Work

A Placement Hub is a web-based application that allows educational institutions to manage the placement process for their students. It streamlines various aspects of placements, including job postings, interview schedules, and more. Here are some key features of such a system:

1. **Student Registration and Profile**: Students can register online, providing personal details, educational qualifications, and professional skills. They can update their profiles as needed.

2. **Job Postings:** Companies can post job opportunities, which students can view on their dashboard. This helps students assess their placement options.

3. **Placement Officer Tools:** Placement officers can manage student information, track placements, and communicate with companies. They can also search for candidates based on specific criteria.

Project Timeline

	Week 1	Week 2	Week 3	Week 4	Week 5
Problem Identification	discussions	suggestions	completed	completed	completed
Requirements Gathering	Not initiated	Not Initiated	In progress	In progress	completed
Technology learning	In progress	In progress	In progress	In progress	In progress

Implementation and Methodology

Understand the needs of stakeholders, including students and placement officers. Create a blueprint for the system architecture and data flow. Design wireframes for the user interface (UI) of students and placement officers .Connect frontend, backend, and database using RESTful APIs. Ensure functionality, performance, and security .Make the application accessible to users. Set up domain and SSL certificates for secure access. Ensure the system remains operational and up-to-date by Monitor system performance, fixing bugs and apply updates as needed and for future improvements collect the user feedback.

Methodology:

Use Agile for iterative development, weekly sprints, and continuous feedback. Tools like Jira or Trello can manage tasks efficiently.

# Results
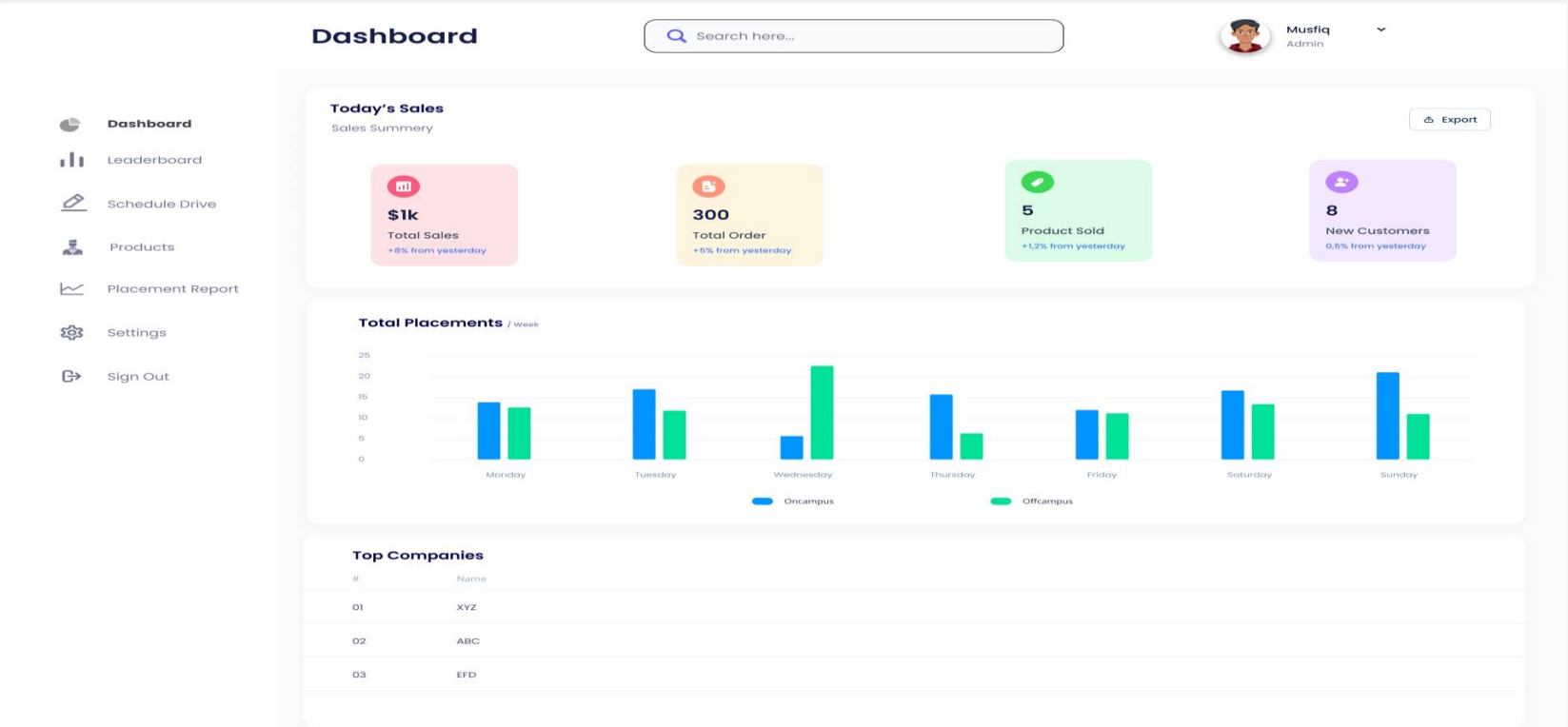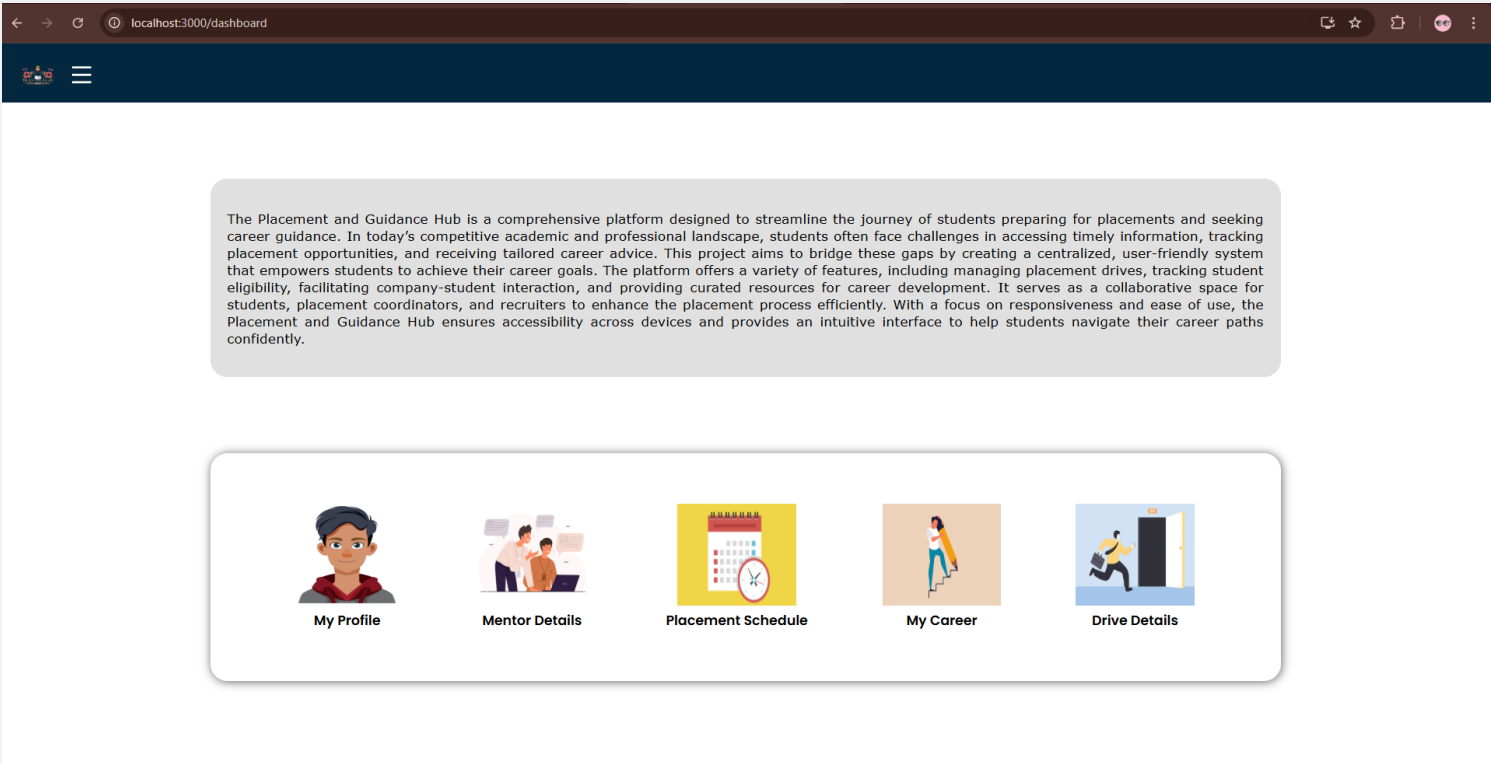
Result of website : Click Here

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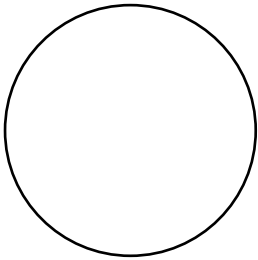- https://www.cronj.com/blog/placement-management-web-portal
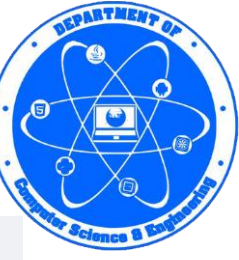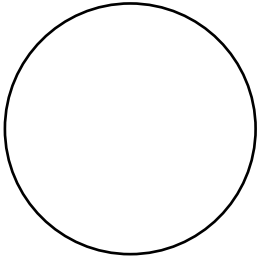
Our Team
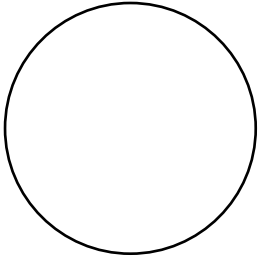
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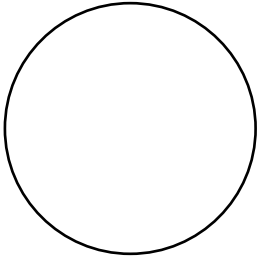
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Thank You!