Feature-rich, Practical Online Application for the Training and Placement Dept.

Submitted By:
Code Wizards
Vishwas (21ESKIT120), Prateek (21ESKIT311), Vivek (21ESKIT121)

Submitted To:
Associate Prof. Richa Rawal
Department: Information Technology

Final Year Project 2024-25

Outline

Problem Statement

The Training and Placement Department needs an efficient system to manage student placement-related activities. Current methods are outdated, manual, and time-consuming. There is no centralized online platform for students, TPO, and companies to interact seamlessly for placement purposes.
The absence of such a system leads to:

- Difficulty in tracking student progress and placements.
- Increased administrative workload for TPOs.
- Delays in communication between students and recruiters.

For instance, students often rely on emails or offline documents, which can lead to inefficiencies and data loss. Addressing these issues is crucial for enhancing placement success rates and improving student experiences.

Objective

The objective of this project is to develop a feature-rich, practical online application for the Training and Placement (TP) Department. The system will allow:

- TPO to manage student placement data efficiently, including maintaining records of past placements and tracking current student status.
- Students to upload their CVs, update their profiles, and receive real-time notifications about job openings and placement drives.
- Company representatives to access student information for recruitment and communicate directly with TPOs and students.

For example, students will receive instant alerts when a new job posting matches their profile, reducing missed opportunities. The system will be accessible within the organization and outside, with proper login mechanisms ensuring security and privacy.

Dashboard

The dashboard serves as the central hub of the application, providing:

- An overview of placement activities, including ongoing drives and notifications.
- Quick access to important features like student profiles, announcements, and feedback.
- Real-time updates and analytics for TPOs to monitor student and company engagement.

For instance, TPOs can view the total number of students placed and ongoing recruitment drives at a glance, enhancing decision-making.

Dashboard Snapshots
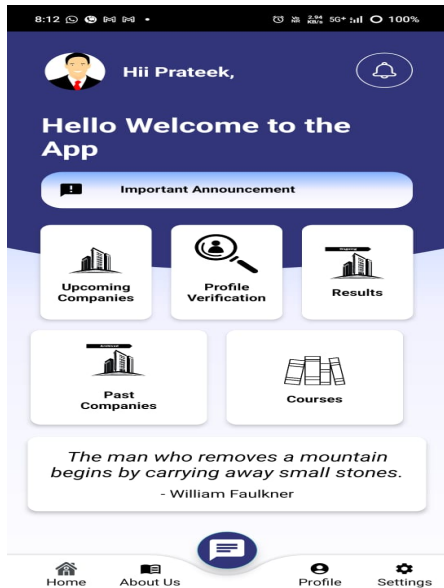
Profile Updation

Students can update their profiles with:

- Personal information, including contact details and academic records.
- Uploading or modifying their CVs and certifications.
- Skills and achievements to enhance their visibility to recruiters.

Profiles also support a portfolio section where students can showcase projects or extracurricular achievements, increasing their appeal to recruiters.
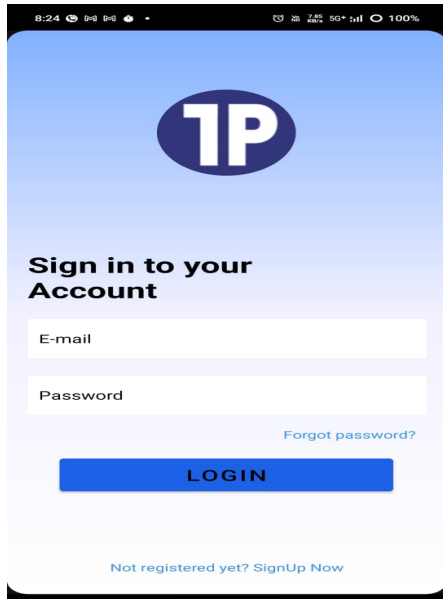
Profile Snapshots
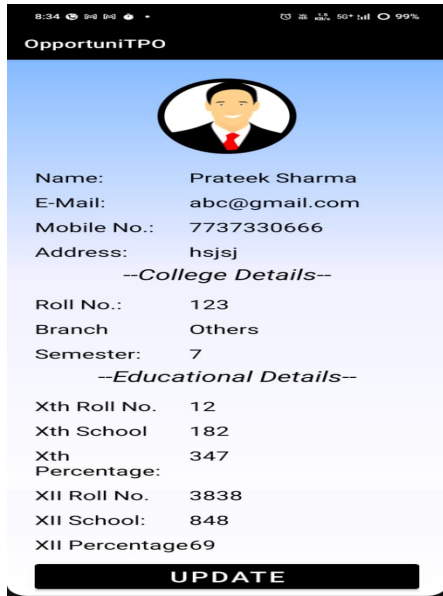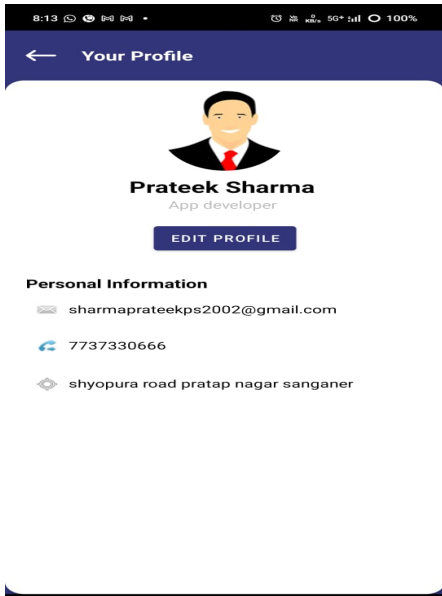
Login/Signup

The system provides a secure and user-friendly login/signup process:

- Separate portals for students, TPOs, and recruiters.
- Password-protected accounts with options for recovery and multi-factor authentication.
- Smooth onboarding for new users with guided steps.

Additionally, the system supports social login options, such as integration with Google or LinkedIn, to streamline the process.

Login/SignupSnapshots

Announcement

The announcement feature allows TPOs to:

- Post updates about placement drives, company visits, and important dates.
- Send notifications to targeted users, ensuring timely communication.
- Manage announcements through an intuitive interface, with options for scheduling.

For example, TPOs can schedule reminders for interview rounds, ensuring students are well-prepared.

Annoucement Snapshots
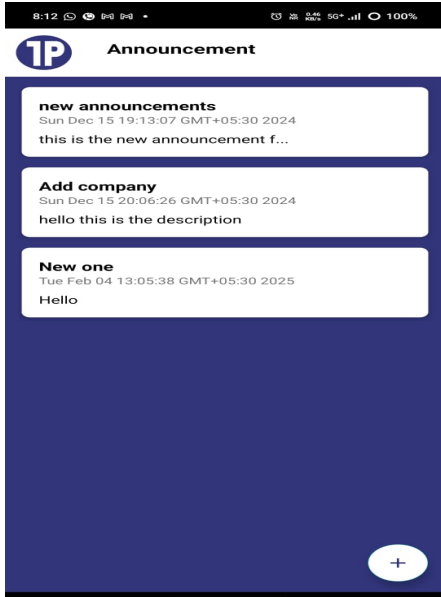
Query/Feedback

The query and feedback module enables:

- Students and recruiters to submit questions or suggestions to the TPOs.
- A centralized system for managing and responding to queries efficiently.
- TPOs to analyze feedback trends and improve services accordingly.

This feature fosters trust and transparency, as students receive timely responses to their concerns, boosting satisfaction.

Query/Feedback Snapshots
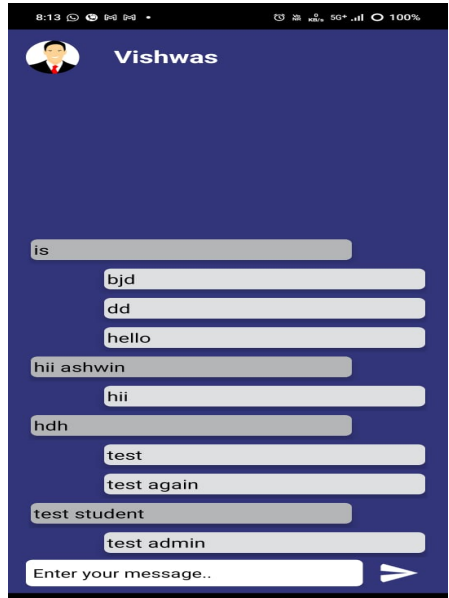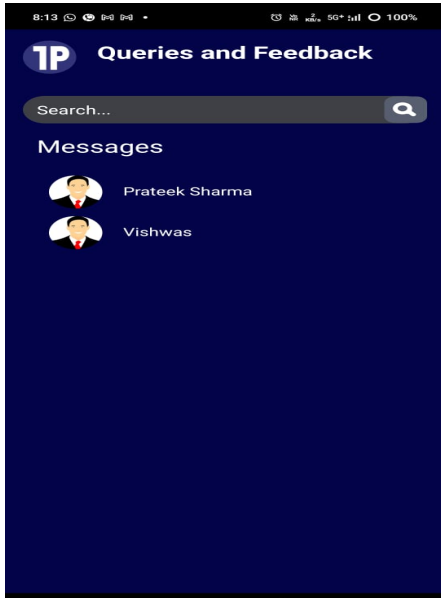
Results

The implementation of the online application for the Training and Placement (TP) Department has significantly improved placement processes by enhancing efficiency and communication.

- Improved Placement Management: TPOs can track student progress and manage records efficiently.
- Enhanced Student Engagement: Students actively participate in placement activities through real-time notifications.
- Streamlined Communication: Quick interaction between students, TPOs, and recruiters reduces delays.
- Increased Placement Success Rate: Better organization has led to more students securing jobs.

For example, students receive instant alerts about job postings, ensuring they never miss an opportunity.

UI Snapshots
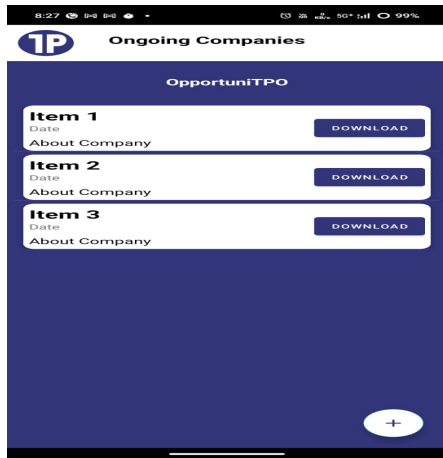
Upcoming Companies

Several reputed companies are scheduled for placement drives in the upcoming months.
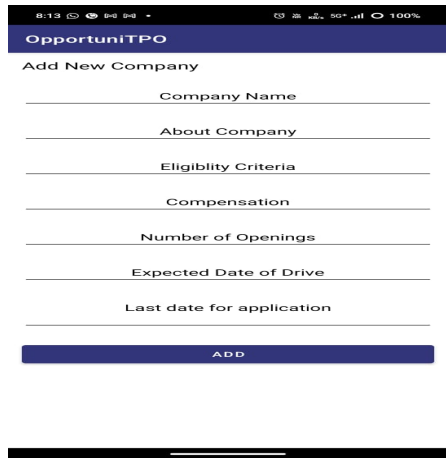
- Expected Recruiters:
  - Infosys
  - TCS
  - Wipro
  - Capgemini
  - Accenture
  - Cognizant
- Placement Drive Updates:
  - Students will receive notifications regarding registration and deadlines.
  - Companies will have direct access to student profiles for efficient recruitment.

Snapshots

Thank You!