CampusCollab

Berivan Melissa Gürpınar
Zekiye İpek Özmen
Sema Altınışık

Sadık EŞMELİOĞLU

Çankaya University, Department of Software Engineering

Abstract

CampusCollab is an app for student-company collaboration by seamlessly connecting them for graduation projects and internships. Through intuitive features, it empowers students to explore opportunities and companies to access talent.

Introduction

CampusCollab tackles the challenge of connecting students with companies for projects and internships, enhancing collaboration in higher education. By offering a user-friendly platform, it simplifies project discovery, team formation, and evaluation. This solution enriches student learning, fosters industry-academia partnerships, and promotes career readiness.

Solution

CampusCollab, which facilitates seamless collaboration between university students and companies for graduation projects and internships. Through algorithmic matching based on project requirements and student profiles, CampusCollab connects students with suitable projects and companies, ensuring compatibility and mutual benefit. Pseudocode is used to outline the matching process, considering factors such as project complexity, student skills, and company preferences. Clear mathematical reasoning guides the matching algorithm to optimize outcomes and enhance the likelihood of successful collaborations. Additionally, intuitive user interfaces and interactive features enhance user experience, making the platform accessible and engaging for both students and companies.

Team Members

Berivan Melissa Gürpınar

Zekiye İpek Özmen

Sema Altınışık

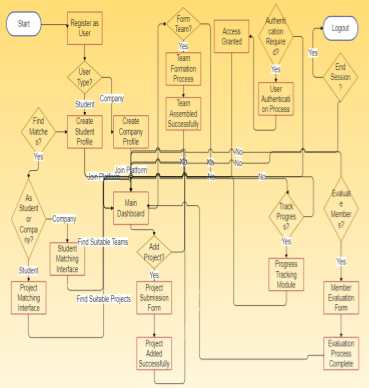

Figure 1 - Flowchart

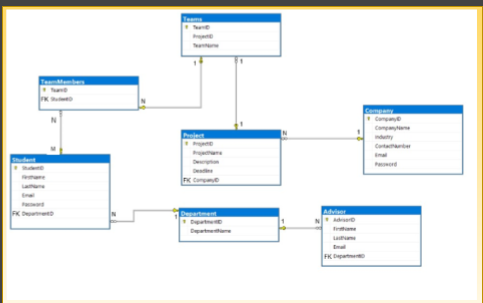

Figure 2 – Database

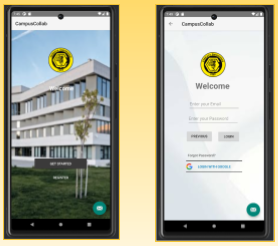

Figure 3 – Finished Product

Company Info

CampusCollab serves three main user categories:

- Students: Graduating from universities, seek internships, collaborate on projects, and explore job opportunities. opportunities, collaborating on graduation projects, or looking for job opportunities post-graduation.
- Companies: Of all sizes, partner with educational institutions for internships, project sponsorship, and talent recruitment.
- Educational institutions: Including universities and colleges, enhance students' employability through industry collaborations, internships, and real-world projects.

Results & Conclusion

Developing CampusCollab taught us the importance of planning and communication. We created a detailed Software Requirements Specification (SRS), outlining project scope, functionalities, and constraints. Additionally, a Software Design Document (SDD) was made to provide a comprehensive technical blueprint for the project. Next steps include refining algorithms and implementing analytics. Challenges such as privacy remain.

Acknowledgement

We would like to express our deepest gratitude to all those who have supported us throughout the course of this project.

In particular, we sincerely appreciate the intelligent and helpful advice provided by our project adviser.