



Knight Foundation School of Computing and Information Sciences

Summer 2023 Capstone II Project

Free Food FIU

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PROBLEM

The Free Food FIU project aims to address two significant challenges facing students on campus: food waste and food insecurity. The project proposes to create a platform that connects students with campus events offering free food, thus reducing food waste and providing support to students who are struggling with food insecurity.

REQUIREMENTS

For this first interaction of the Free Food FIU project, the following tasks were required:

- Design a user-friendly interface for users to access the web app features.
- Initiate the coding process for the website.
- Implement features such as event creation, editing, and removal.
- Incorporate a map that displays the events across campus.

CONTRIBUTIONS

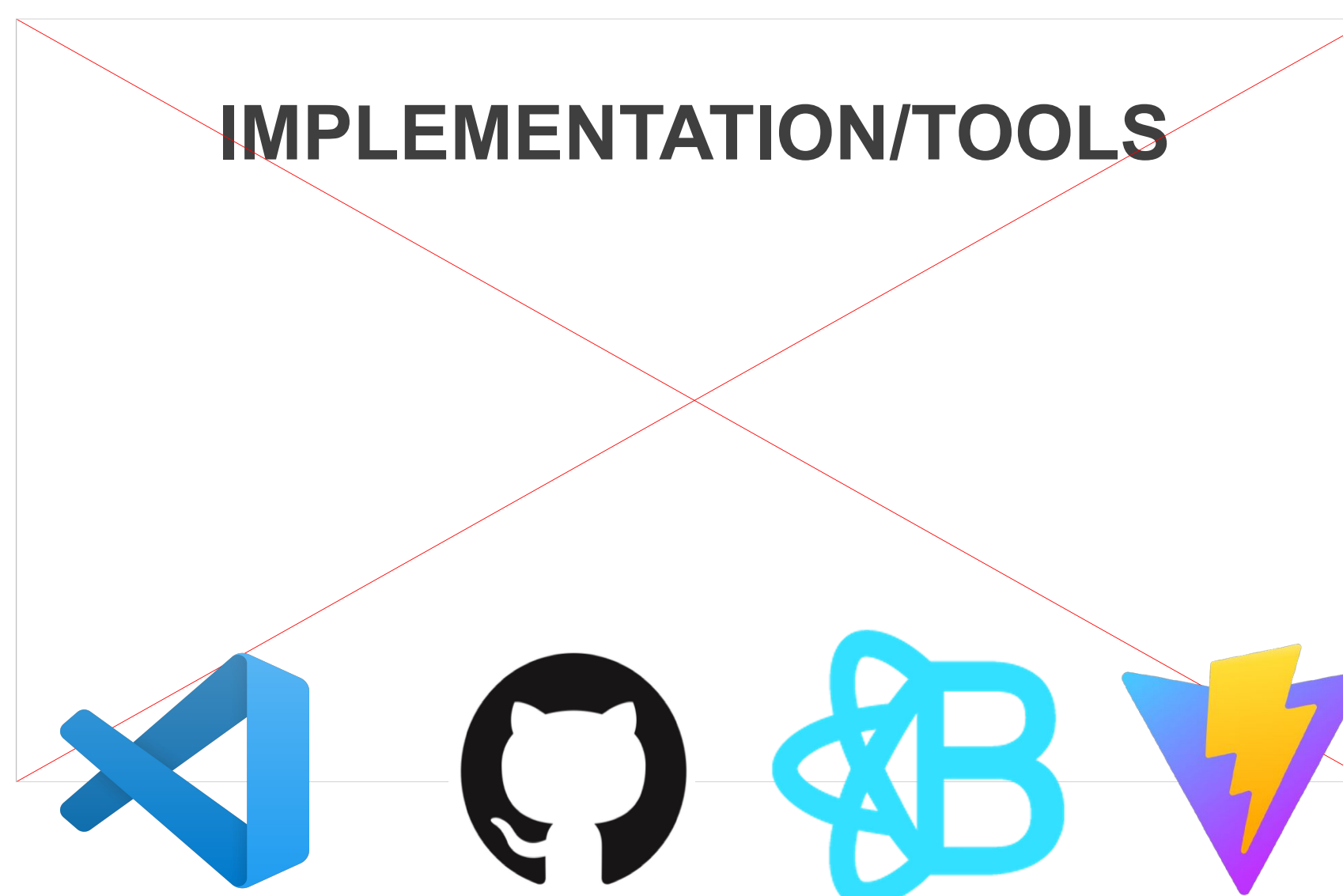
As the Product Owner of the project and the individual behind the project's original idea, I oversaw the development, design, and implementation for Free Food FIU. As a developer, I contributed to user functionalities, such as creating new accounts, logging in, logging out, updating user profiles, and displaying the user's own created events on their profile page. Additionally, I was responsible for integrating our codes on GitHub.

CURRENT SYSTEM

The current system is the first version developed by the initial interaction of the project. It currently offers a web app where:

- Users can register to create a new account.
- Users can create new events with relevant information and a picture displayed to showcase the food at the event.
- Users can visit the feed-style page where events are displayed.
- Users can filter the events shown on the event page based on location, organizer, or event name.

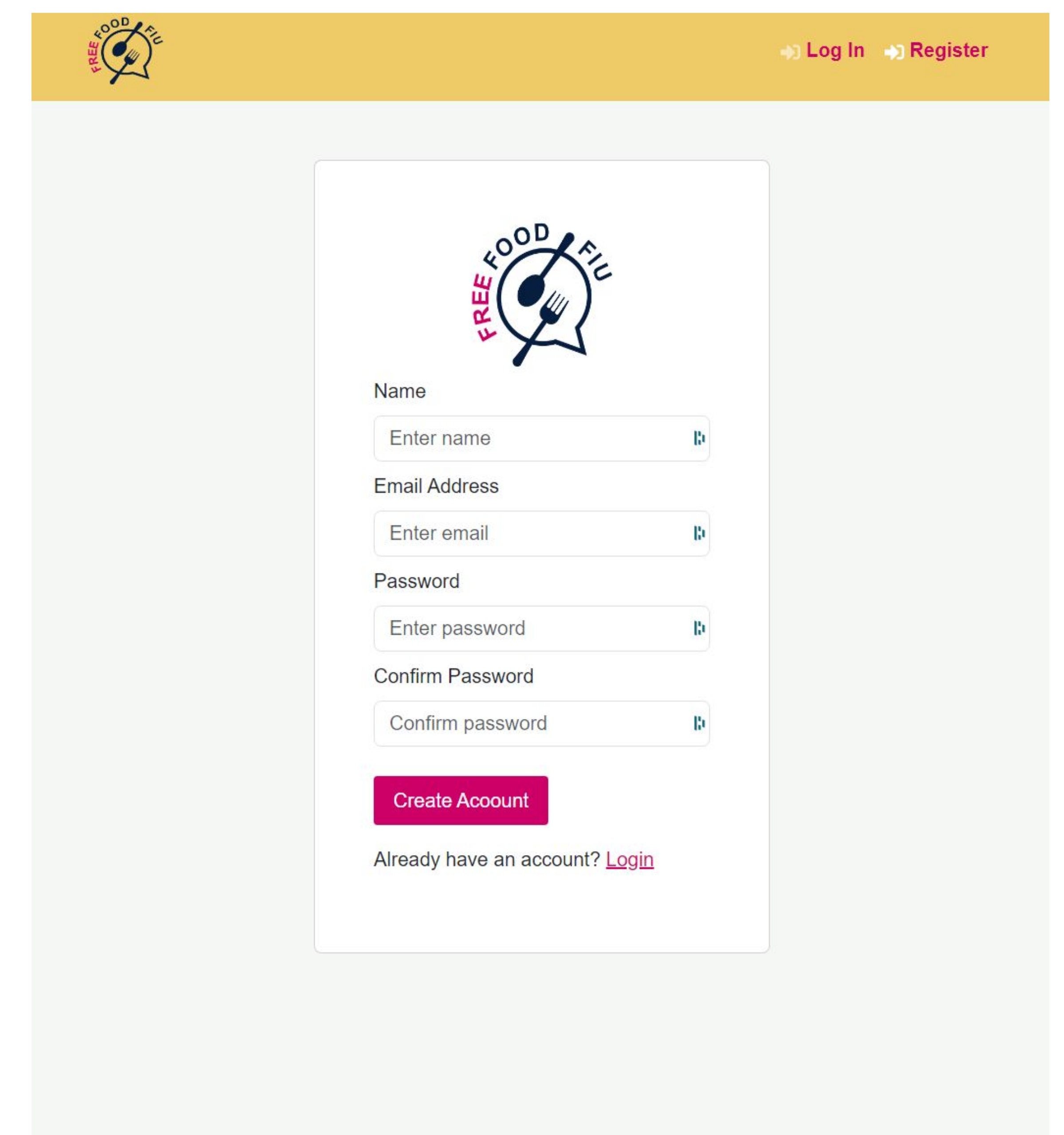
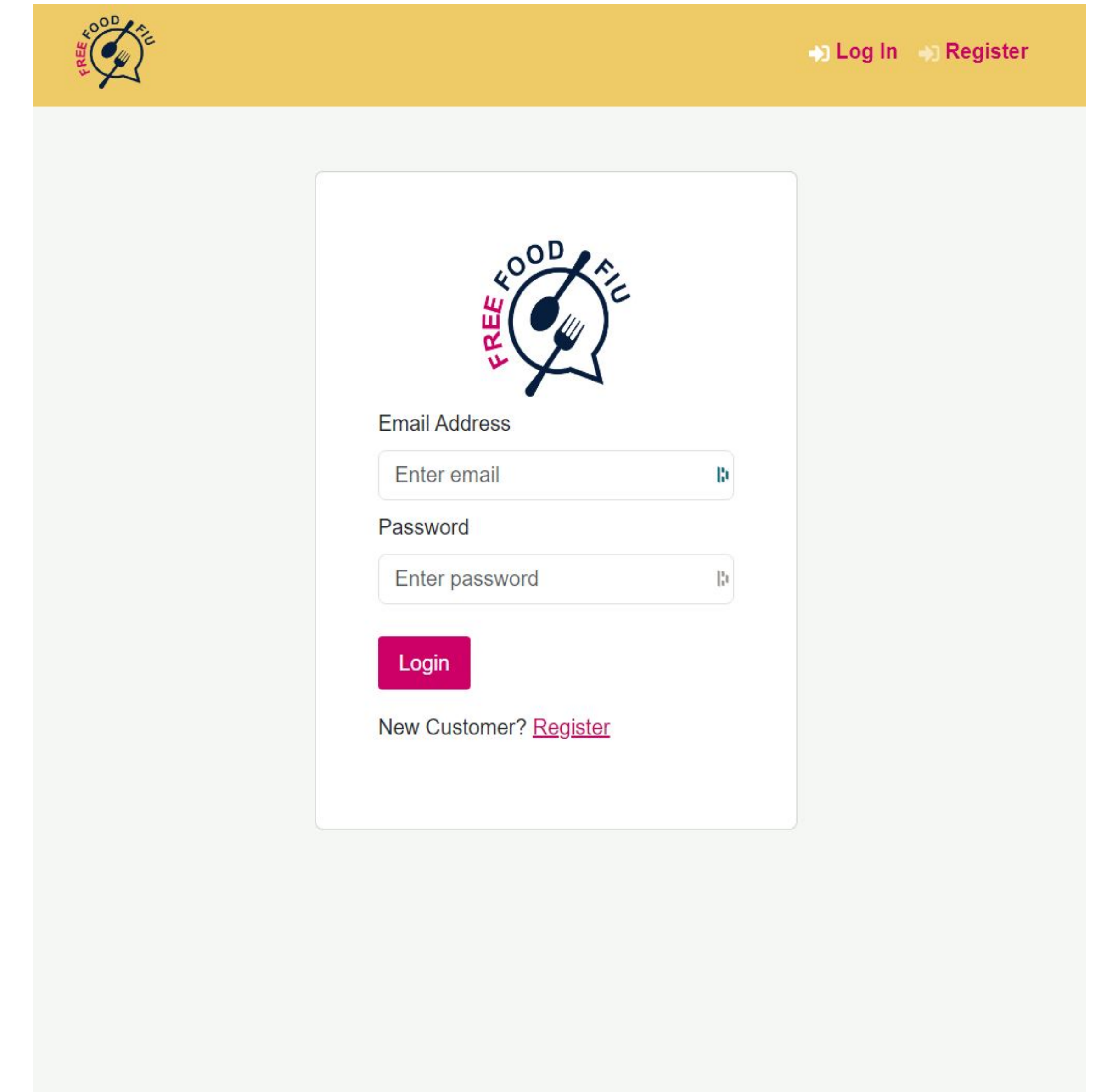
IMPLEMENTATION/TOOLS



SUMMARY

This semester, we have accomplished numerous project objectives and successfully developed a useful product. The User Interface is functional and seamlessly connected to the backend, enabling smooth interaction with any Mongo Database. The code developed in this iteration exhibits scalability and flexibility, allowing for easy addition of new features and improved page designs in future interactions.

SCREENSHOTS



ACKNOWLEDGEMENT

Thank you to my team members, Annie Nguyen, Brian Sanchez, Jose Rodolfo Espinoza Garcia, and Sebastian Peña, for their diligent work and collaboration in bringing this project to fruition.

