

Tasteful Panthers – Personalized Meal Recommendations

Alex Laureano, Anthony Hordesky, Jiahao Shu, Lexi Franklin
Faculty Advisor: Dr. Philip K. Chan; Dept. of Electrical Engineering & Computer Science,
Florida Institute of Technology

Objective

Our goal is to provide a personalized dining recommendation platform for Panther Dining Hall (PDH).

Motivation

We aim to enhance the campus dining experience by simplifying the meal decision process and providing a user-friendly mobile platform for PDH guests to connect.

Tasteful Panthers also aims to improve PDH service/quality by allowing guests to report any food issue directly to PDH staff.

Approach/Features

Personalized Recommendations: Guests can receive tailored meal suggestions through our meal recommendation algorithm.

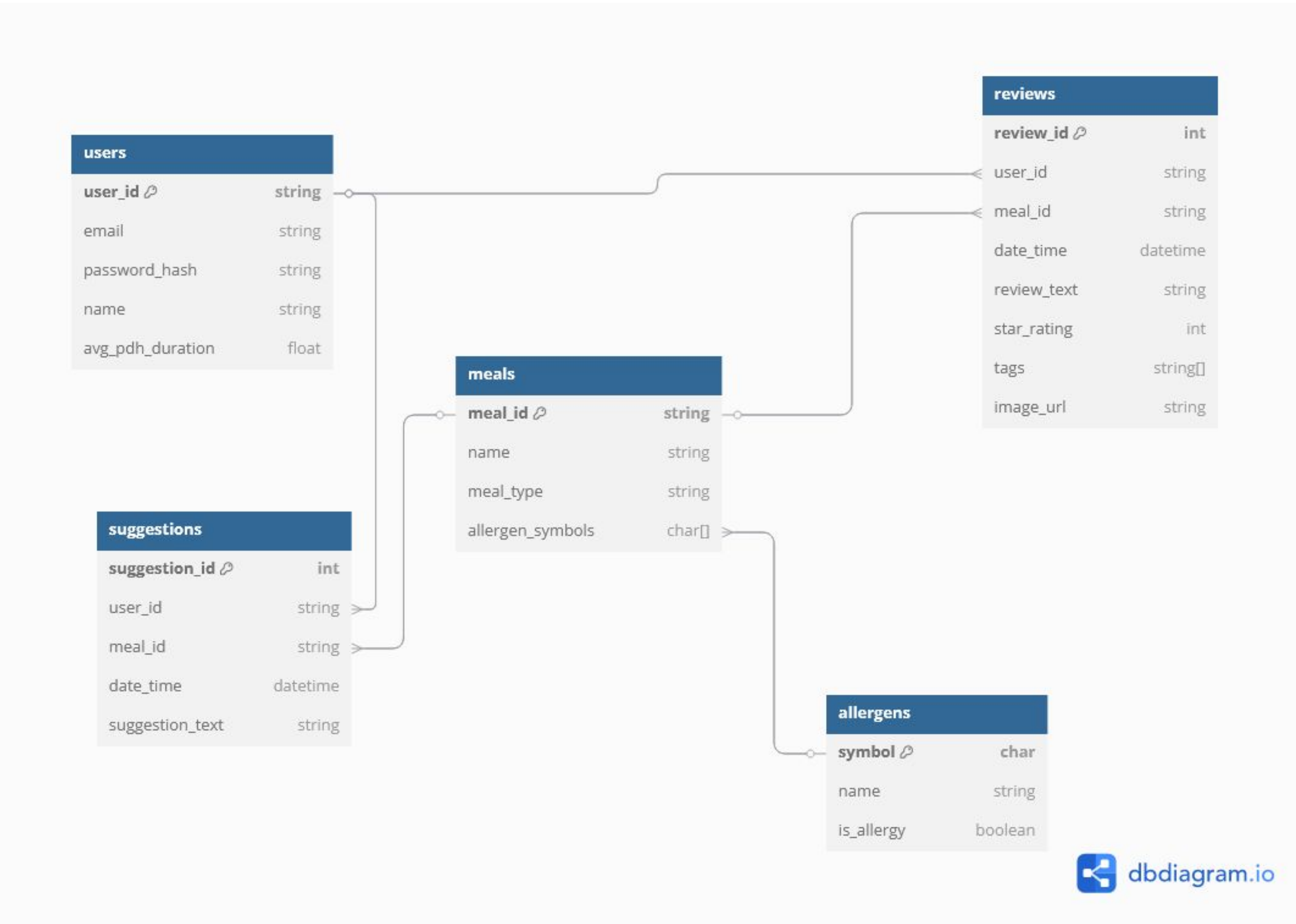
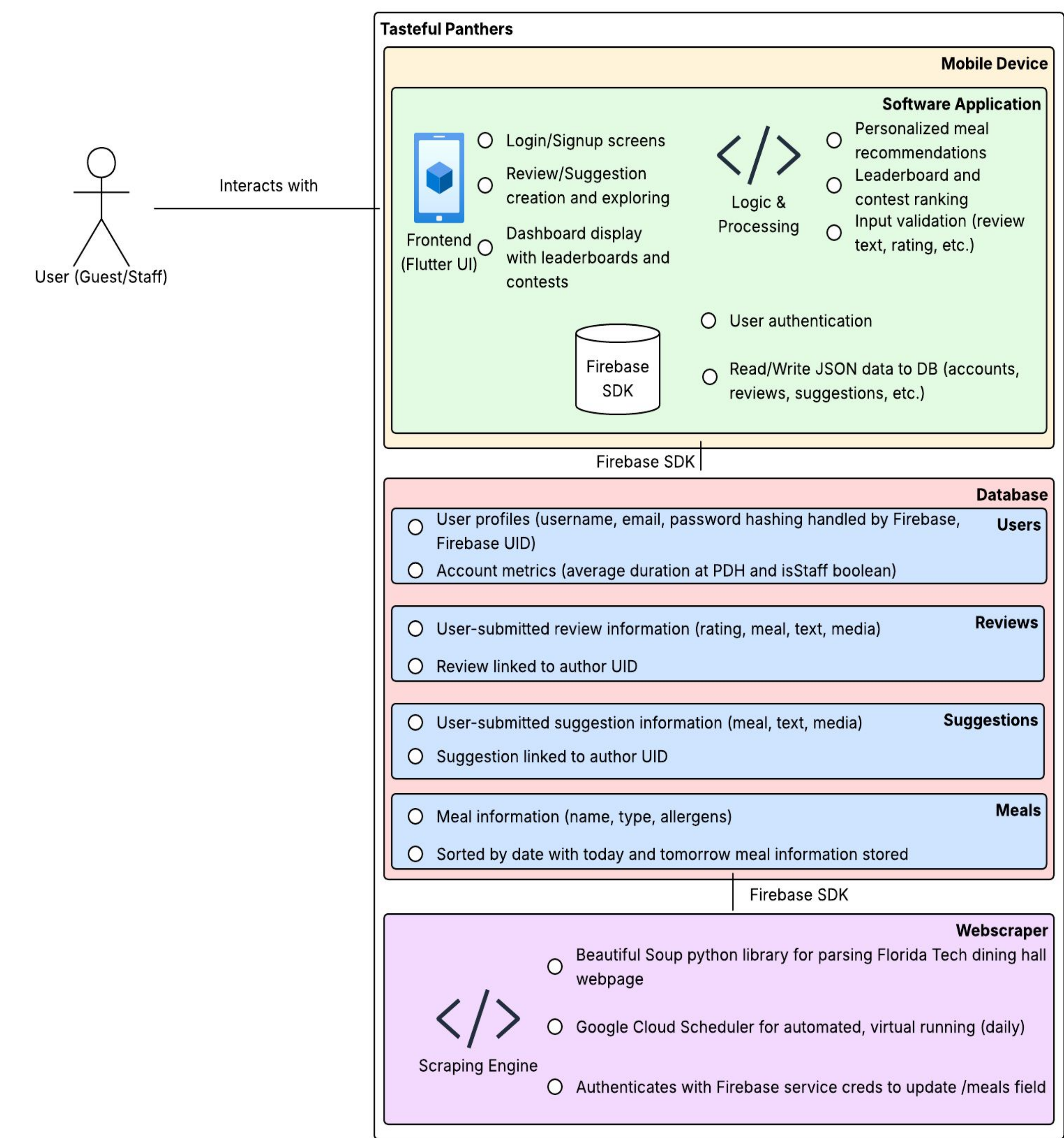
Reviews & Suggestions: Guests can leave feedback on their food through reviews, and suggest new meals for the staff to bring to PDH.

Contests & Leaderboards: Guests can participate in contests and see their ranking on leaderboards such as Top Reviewer of the Week and Tomorrow’s Prediction.

Tasteful Twin: Our novelty lies in a feature that matches guests with similar users based on meal history and provides a suggestion that both will enjoy.

Staff View: PDH staff have access to an “admin” interface where they can engage with reviews that pose dining hall related issues, like food quality.

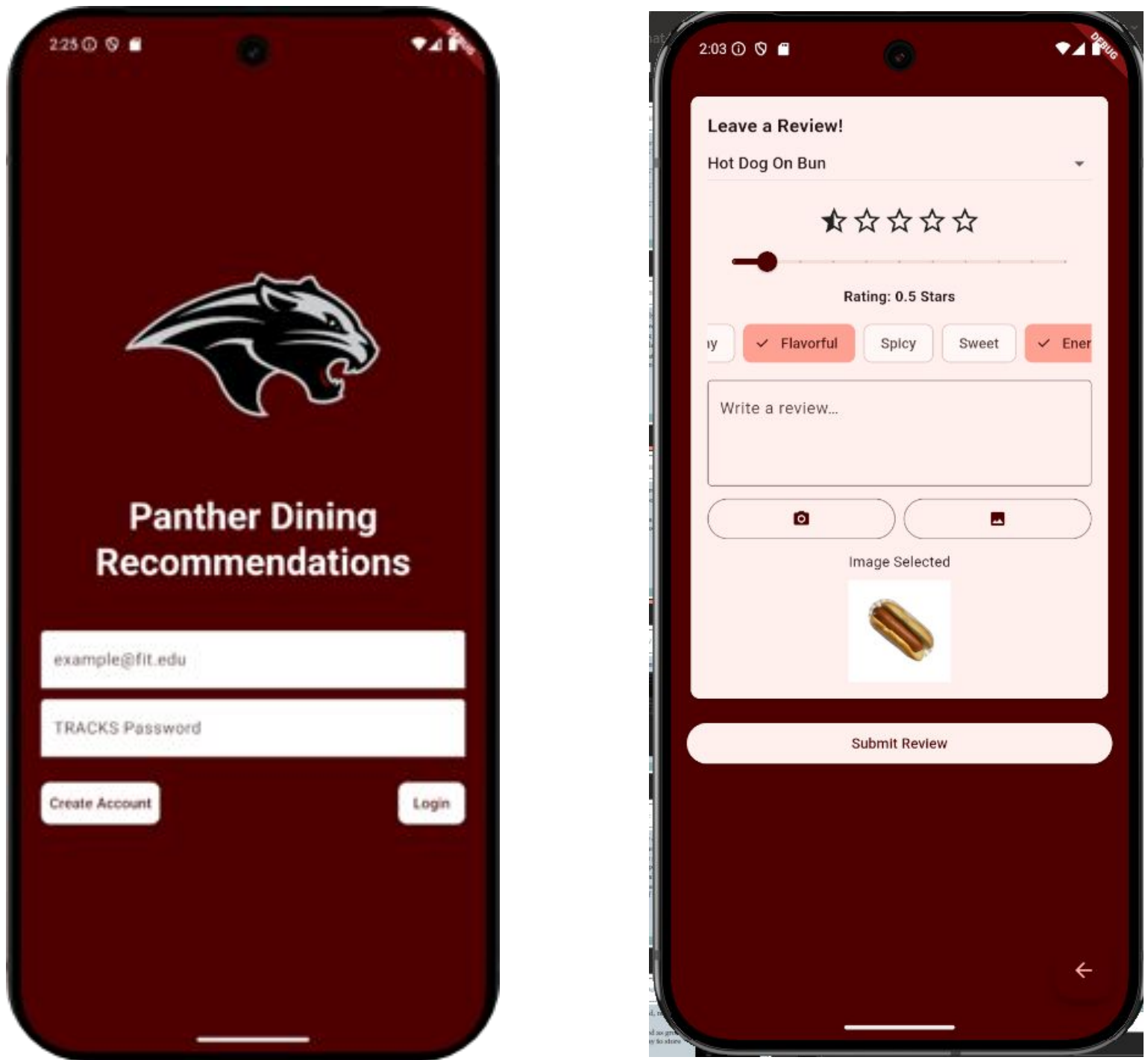
Design



Implementation



Tasteful Panthers UI



Add more towards end of product

Evaluation Results

Cover future work/limitations towards end of milestone 6

Limitations/Improvements

Evaluation needs to be complete