



Buying and selling swipes has never been this easy

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Project Overview

Purpose: BSwipe serves as an innovative platform designed to facilitate the buying and selling of dining hall meal swipes at UCLA. Our robust system allows new users to seamlessly create an account while enabling recurring users to easily log in. With the ability to create detailed swipe request posts, users can conveniently browse and accept transactions initiated by other users, all while keeping track of their transaction history through their personalized user profile. BSwipe is the ultimate solution for UCLA students seeking a streamlined and efficient way to manage their dining hall meal swipes.

Technical Details

MERN Tech Stack:

- **MongoDB:**
 - Backend server to store data using schemas, databases, etc
- **ExpressJS:**
 - Middleware that facilitates routes and managing the server
- **React:**
 - Frontend language, used in conjunction with the Axios library to host communication between the frontend and backend
- **NodeJS:**
 - Runtime environment to create tools for fetching and getting data.

Results

- **Dynamic Data**
 - Live Feed that shows swipe requests
- **Upload data from the client to the backend**
 - Sign up page takes the first name, last name, email, and password of a new user
- **Meaningfully search through server-side data**
 - Login page ensures the user inputs an already existing email address and password
- **Three Distinct Features**
 1. How many swipes the user should have left based on meal plan
 2. Filter requests by dining hall
 3. A transaction history that shows the user their buying and selling requests

Project Demo