

# Barter Box

*Turning Your Unused Into Opportunities!*

*Members: Myla McCuller, Deante Dohman, Teodora Alexandrescu, Khoi Truong, and Nathan Tillman*



# WHAT IS BARTER BOX?

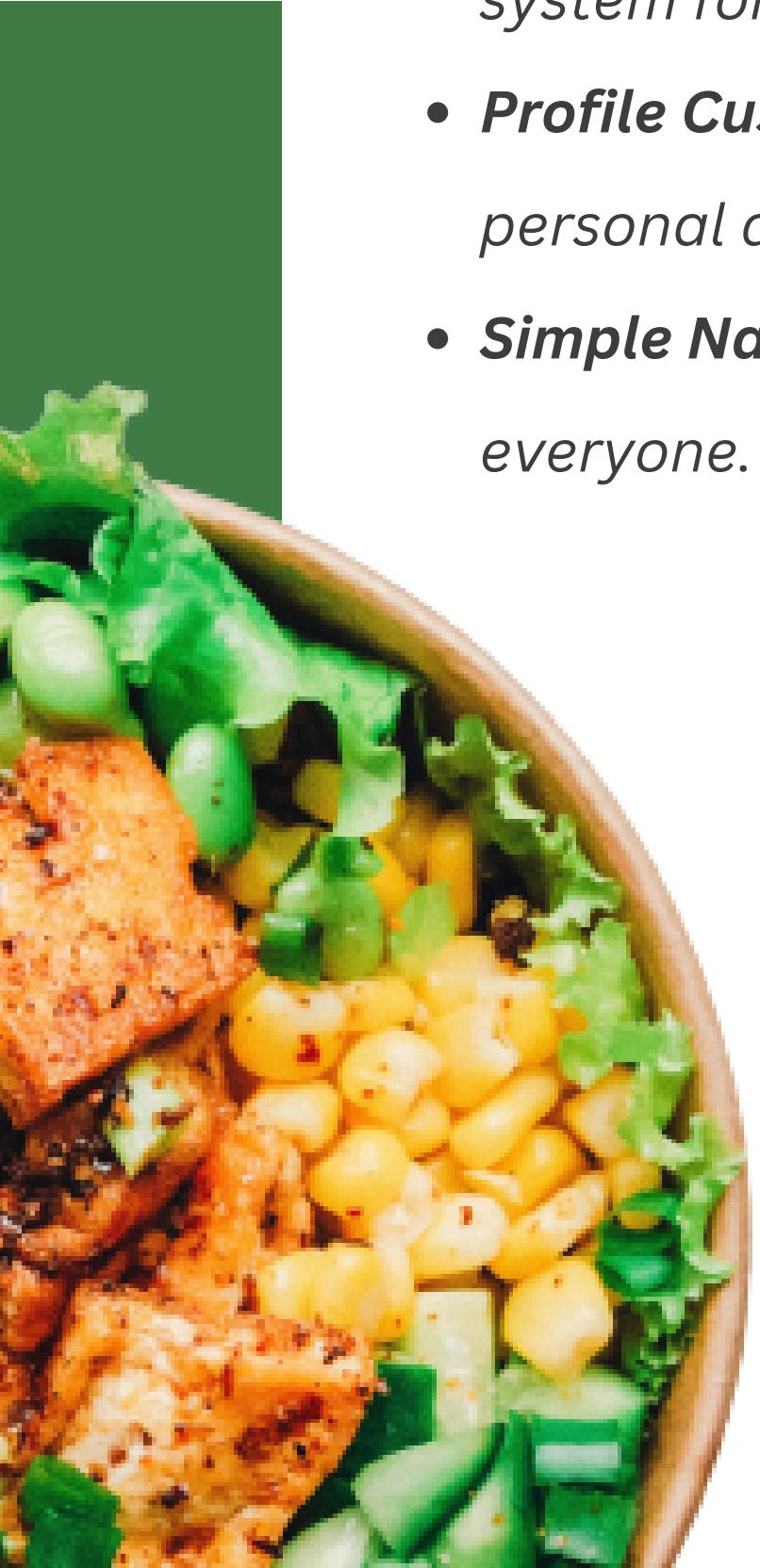
Barter Box is a community-focused trading app that allows users to exchange surplus groceries for points that can be used to acquire other essentials.



*Designed for individuals, families, and small business owners, Barter Box helps reduce waste and save money by facilitating easy trades within local communities. The app's user-friendly interface and focus on sustainability make it ideal for anyone looking to declutter, stretch their budget, and support a more environmentally conscious lifestyle.*

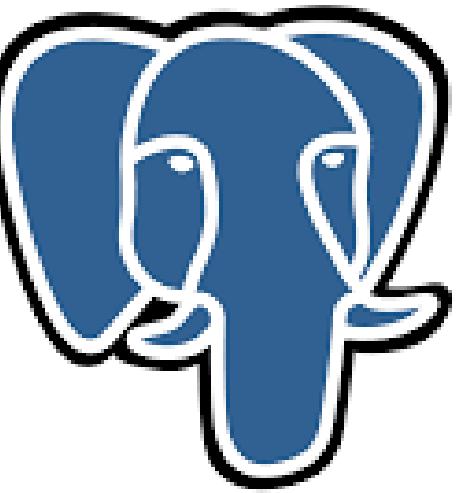
# FEATURES

- **Sign Up and Login:** Secure authentication system for new and existing users.
- **Profile Customization:** Allows users to update personal details and preferences.
- **Simple Navigation:** Making it accessible for everyone.

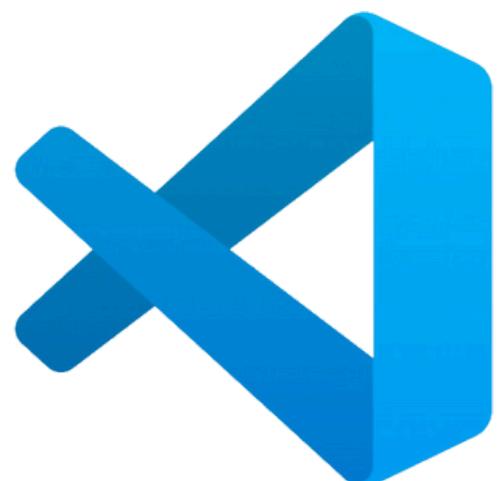


- **Search Bar:** Users can search for items by name or description.
- **Category-Based Filtering:** Users can view items based on specific categories.
- **Postgre SQL Database:** Stores user accounts, item details, and transaction history securely.
- **Data Retrieval:** Efficiently fetches and displays user and item data.

# *RESOURCES*



PostgreSQL



Visual Studio Code

# SIGNUP PAGE

## Barter Box

Already Have an Account

First Name

Last Name

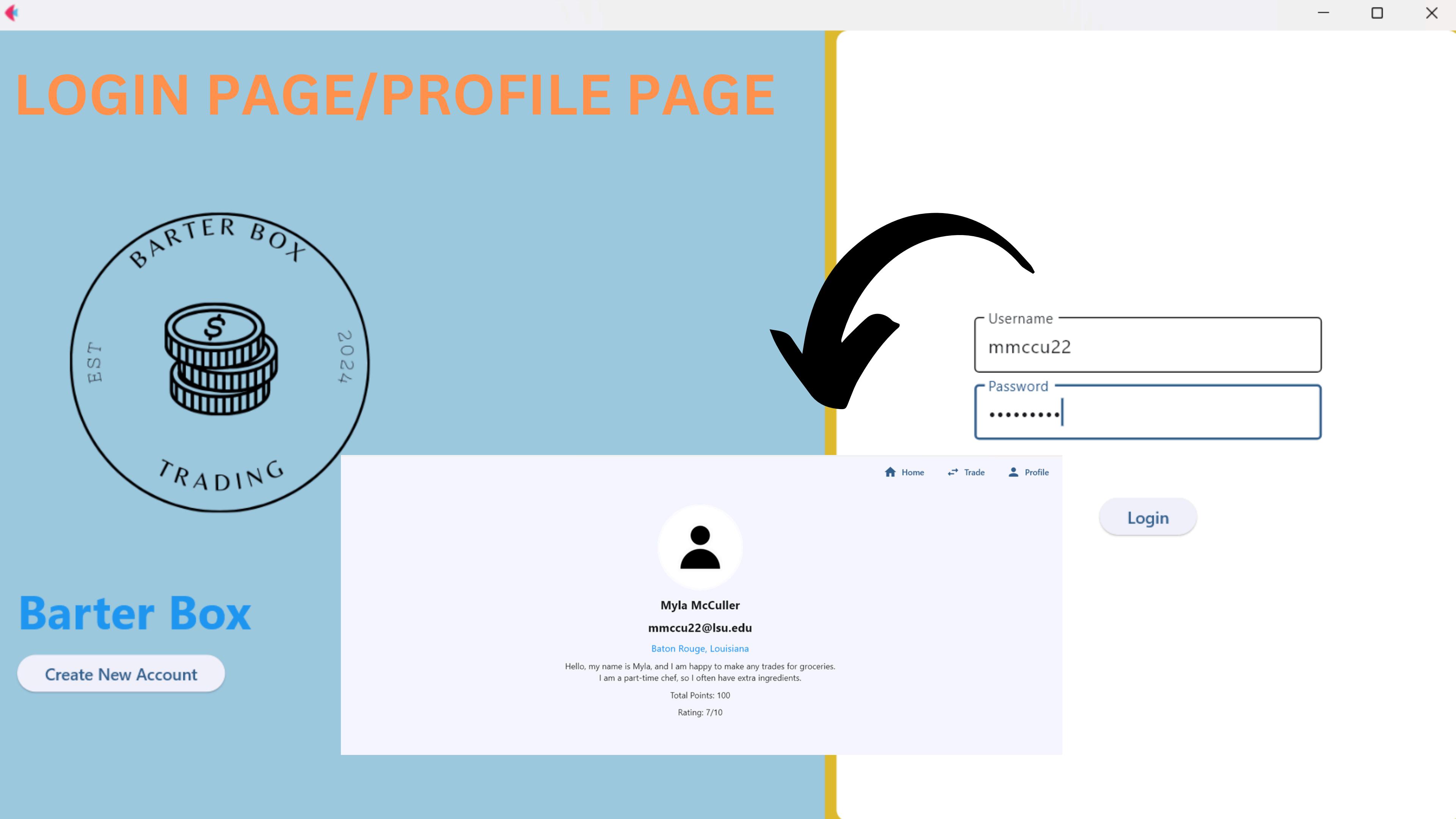
Email

Username

Password

Re-enter Password

Sign Up



Search for items...

[Fresh Produce](#)[Frozen Foods](#)[Dairy Products](#)[Meat and Poultry](#)

Explore Popular Items:



## Item Details

Item Name: Chicken Breast

Points Cost: 100

Description: Fresh chicken breasts, perfect for grilling or stir-frying.

[Add to Cart](#)[Close](#)

# TRADING POST



## List Product/s for Barter

Title of product

Description (e.g., why you don't want it, is it sealed?)

Quantity

Amount of points you want

Zip Code  
0/5

Expiration Date (MM-DD-YYYY):

Food Category ▾

Post

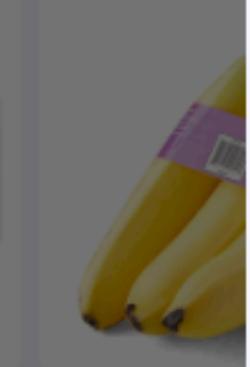


# CART CHECKOUT

Search for items...

Fresh Produce

Explore Popular Items:

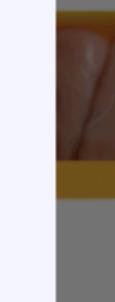
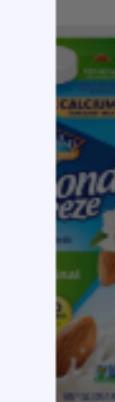


## My Cart

- Cheddar Cheese: 60 points
- Chicken Breast: 100 points
- Organic Bananas: 20 points
- Chicken Breast: 60 points

Total Points: 240

Meat and Poultry



[Checkout](#)

[Back to Shopping](#)

Cart

Trade

Confirm Trade

Profile

## FUTURE IMPROVEMENTS

Due to certain constraints, we couldn't complete all the planned features.

However, we aim to enhance the app with:

- **Trading Transactions:** Streamlining the trade process.
- **Messaging System:** Enabling direct communication between users.

