

Project Design Document

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Group Details

Group Number: Team 2

Group Members: Jose Alonso Rodriguez, Alejandro Cisneros, Justin Lee, Angel Nevarez

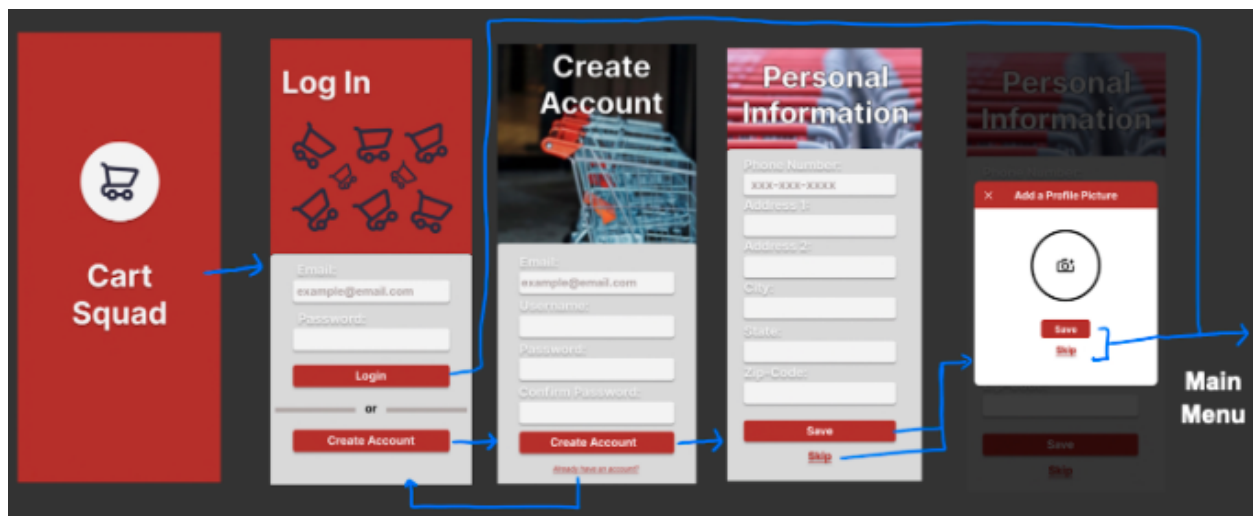
Application Name: Cart Squad

Screen Connections:

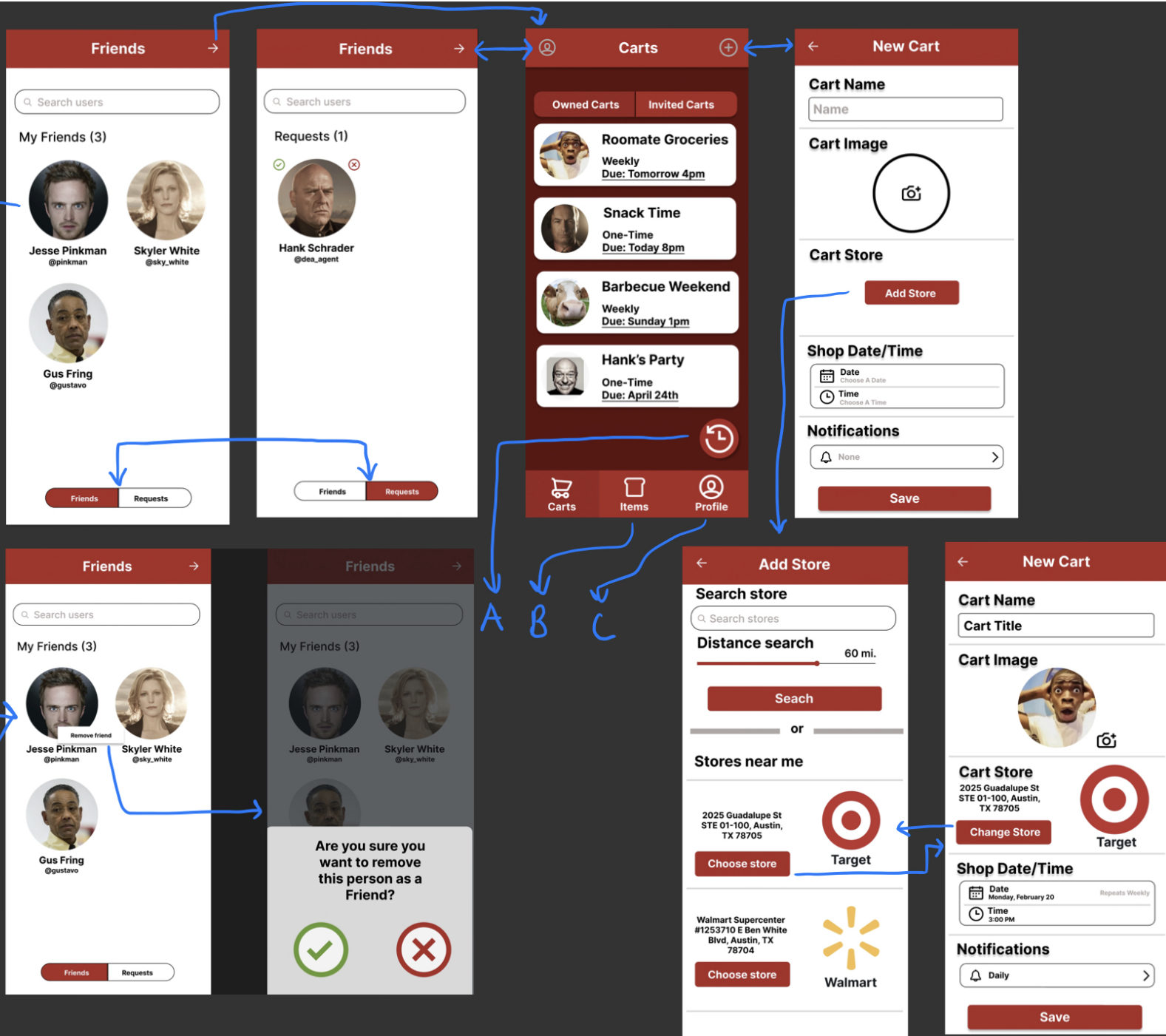
(zoom in to see more detail)

Progressions

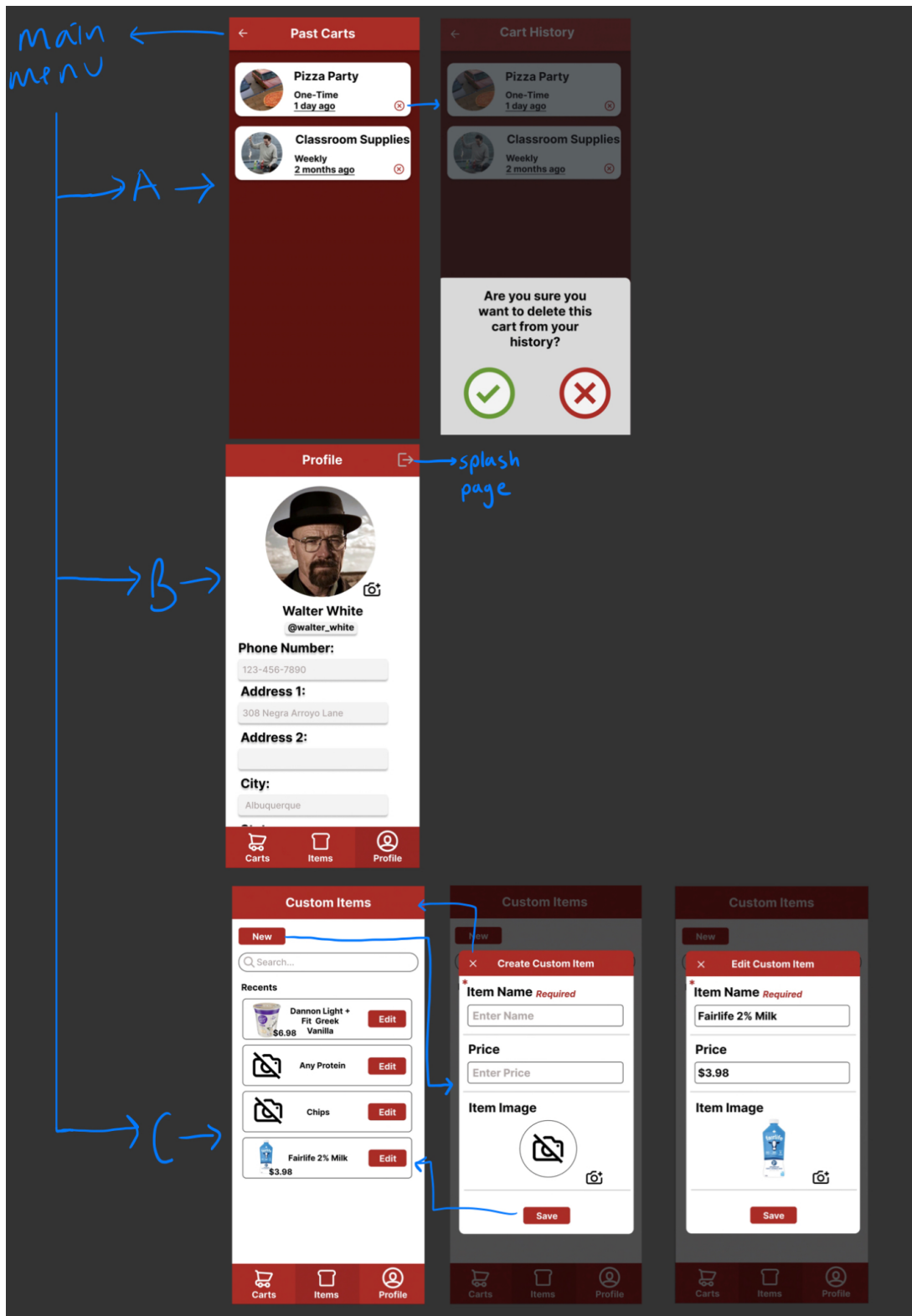
Splash Page Progression



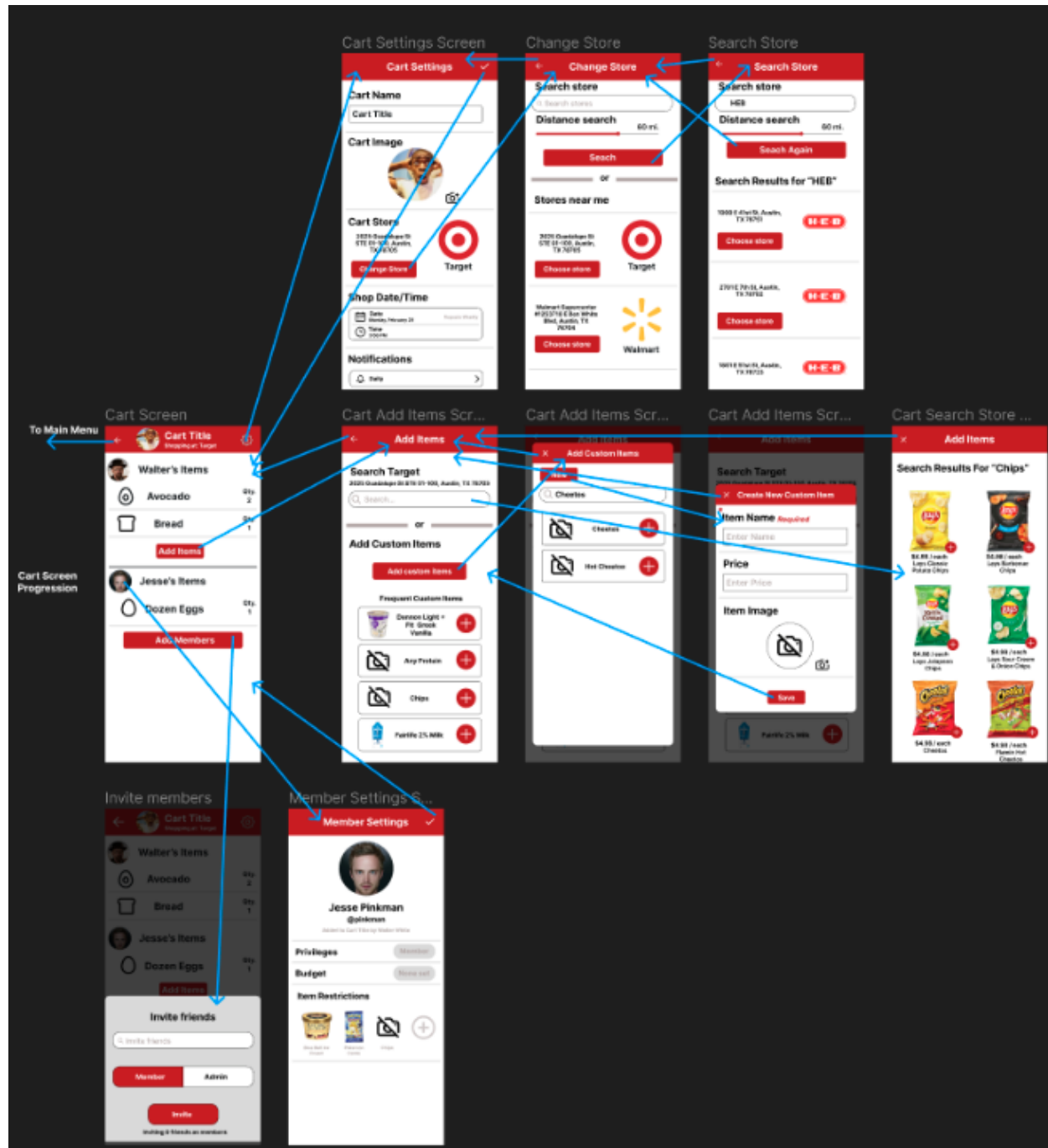
Main Menu Progression



NavBar Progression

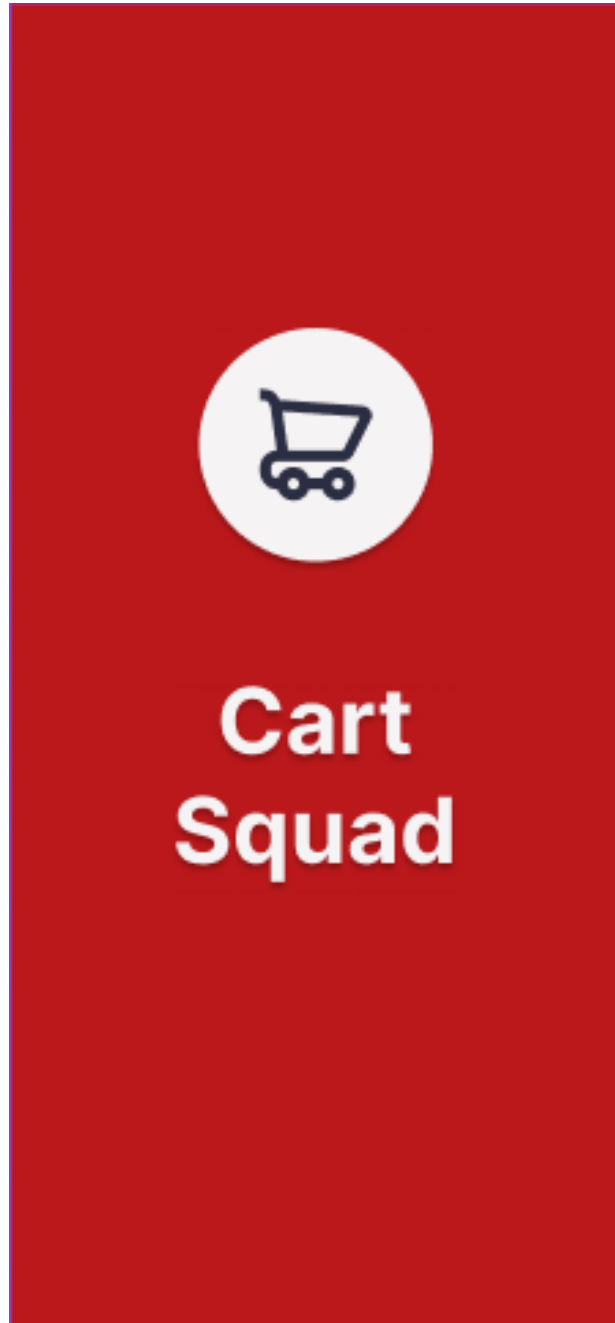


Cart Screen Progression (Cart selected from Main Menu)



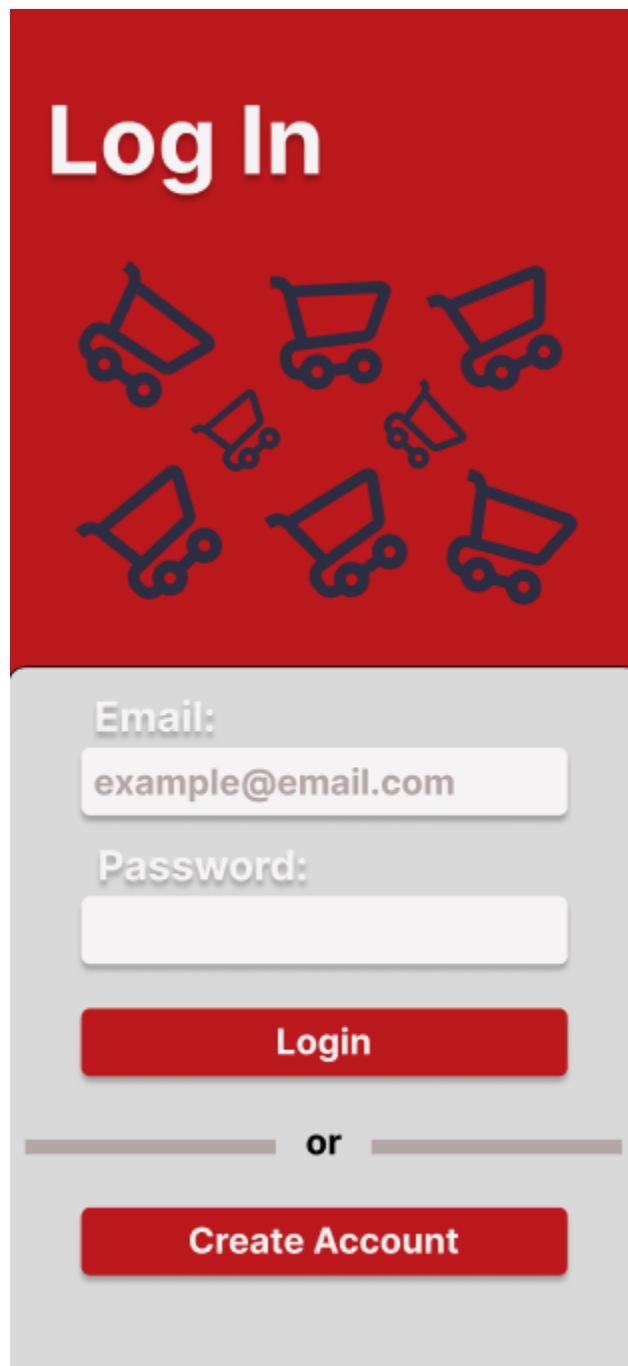
Specific Screens

Splash Screen - The splash screen displays when the app is launched and while the app initializes/loads.




Login Screen

- The login screen is the first screen displayed after the splash screen (once the app is finished initializing). Users can enter their email and password into the appropriate fields to login or can press the create account button, which will take them to the create account screen to make an account.



The image shows a mobile app login screen. The top half has a red background with the text "Log In" in white. Below the text are several blue shopping cart icons. The bottom half has a light gray background. It contains an "Email:" label, a text input field with "example@email.com", a "Password:" label, and an empty text input field. Below these is a red "Login" button. A horizontal line with the word "or" in the center separates the login section from the "Create Account" button at the bottom.

Log In



Email:
example@email.com

Password:

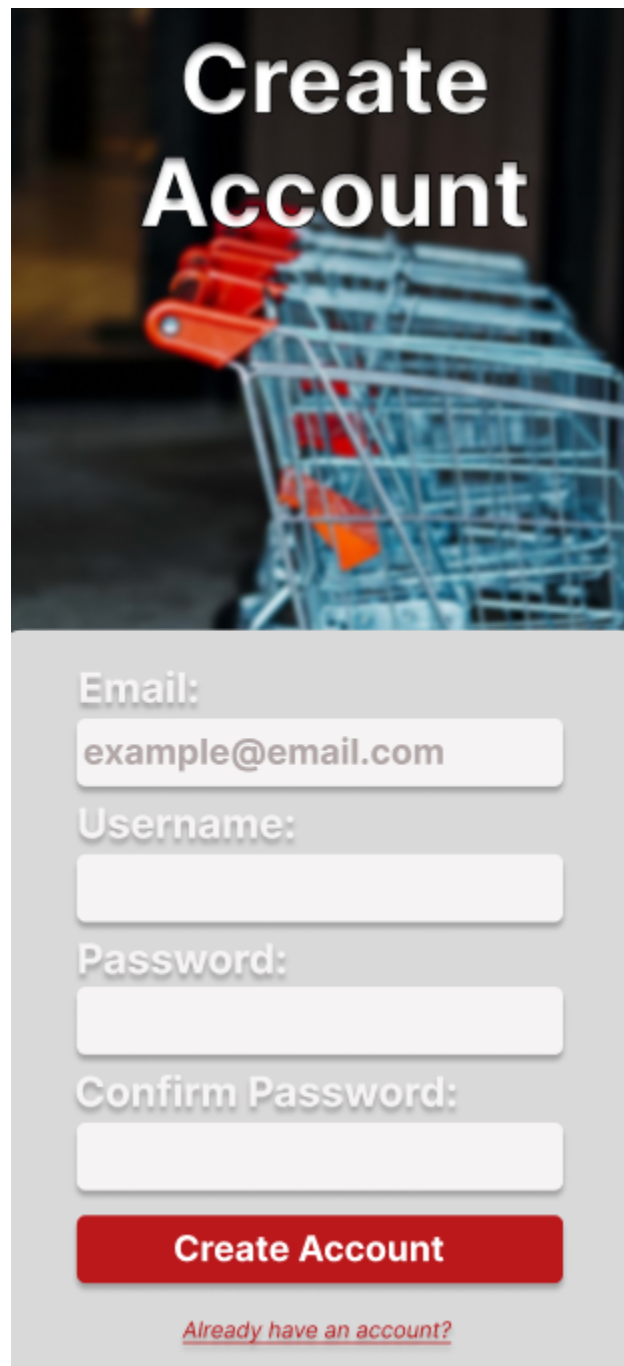
Login

or

Create Account

Create Account Screen

- The create account screen contains various fields necessary for creating an account. Pressing the create account button will create an account for a user and prompt them for additional information on another screen. Pressing the red, italic text that states “Already have an account,” will take the user back to the login screen.

A mockup of a mobile application's 'Create Account' screen. The top half features a dark background with a blurred image of a shopping cart and the title 'Create Account' in large white text. Below this is a light gray form area containing four input fields for 'Email:', 'Username:', 'Password:', and 'Confirm Password:'. The email field is pre-filled with 'example@email.com'. At the bottom of the form is a red 'Create Account' button and a link that reads 'Already have an account?' in red italicized text.

Create Account

Email:

Username:

Password:

Confirm Password:

Create Account

[Already have an account?](#)

Personal Information Screen

- This screen will display after creating an account, prompting the user for more information via input fields. Pressing the save button will save their input and take them to a screen where they can add a profile picture. Pressing the skip button will allow the user to skip entering their information, and take them to the screen where they can add a profile picture.

The image shows a mobile application screen titled "Personal Information". The title is in a large, bold, white font with a black outline, set against a background of red and blue horizontal stripes. Below the title, there are several input fields for personal information. The first field is labeled "Phone Number:" and contains the placeholder text "XXX-XXX-XXXX". The next three fields are labeled "Address 1:", "Address 2:", and "City:", each with a corresponding empty input box. The "State:" field is followed by an empty input box. The "Zip-Code:" field is followed by an empty input box. At the bottom of the form, there are two buttons: a red button labeled "Save" and a red button labeled "Skip". The "Skip" button is underlined.

Personal Information

Phone Number:
XXX-XXX-XXXX

Address 1:

Address 2:

City:

State:

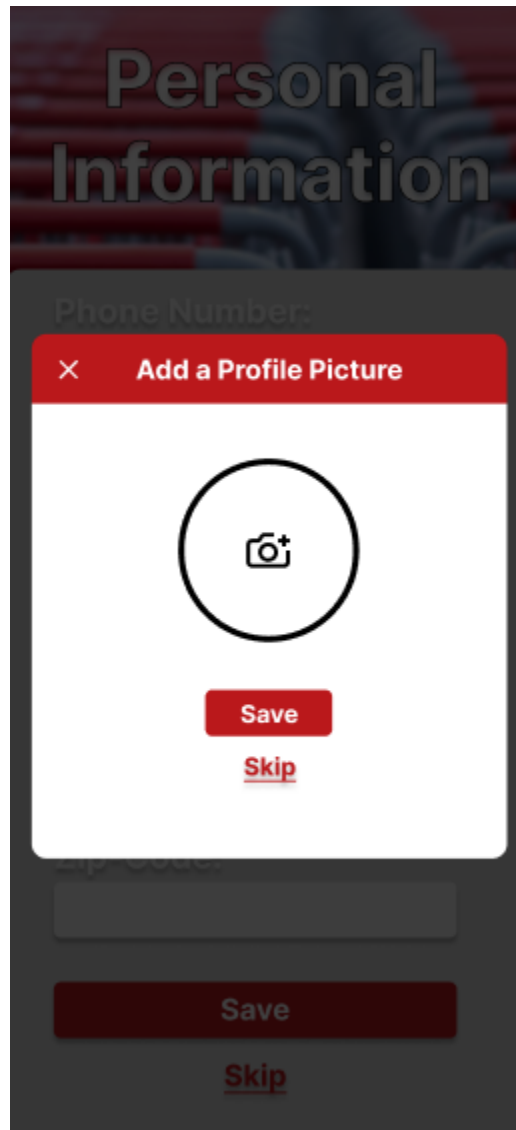
Zip-Code:

Save

Skip

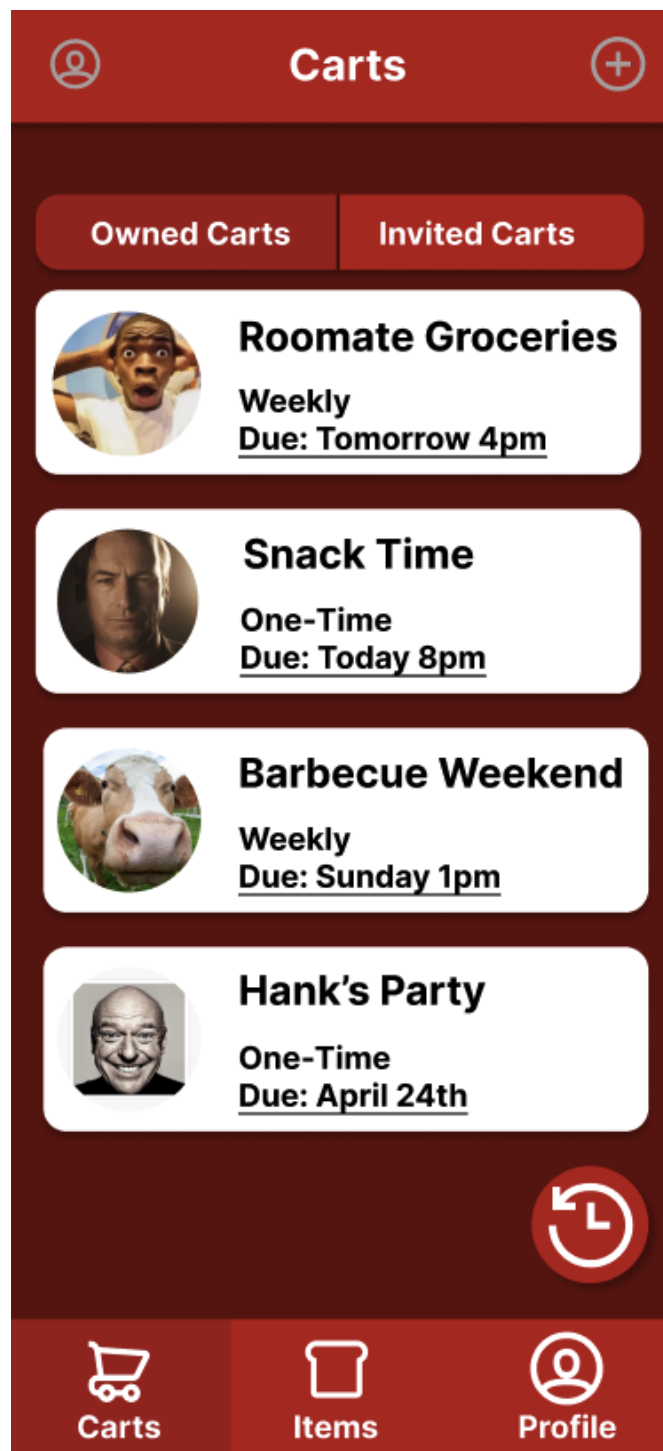
Profile Picture Prompt

- This prompt will display on the personal information screen, which will allow a user to add a profile picture by pressing the camera button. This allows them to choose a profile picture from their gallery or take one with their camera.
- They can press the save button to save their profile picture or press the skip text or the x button to skip this step, taking them to the main menu.



Main Menu Screen (carts selected)

- The main menu screen allows the user to do many things. First off, main navigation is done through the navbar at the bottom of the screen. In the top left corner, pressing the friends icon allows the user to access the friends screen. In the top right corner, when carts are selected in the navbar, users can press the plus to create a new cart, taking them to the create cart screen. Any cart can be pressed, taking the user to the cart screen. Pressing other buttons on the navbar takes a user to the main menu screen pertaining to that button.



Profile Screen

- Access this page by tapping the profile button on the navbar. View your profile and personal information. You can use this screen to make any changes to your information. Tap the button on the top right to logout and return to the splash screen.

Profile




Walter White
@walter_white

Phone Number:
123-456-7890

Address 1:
308 Negra Arroyo Lane

Address 2:

City:
Albuquerque

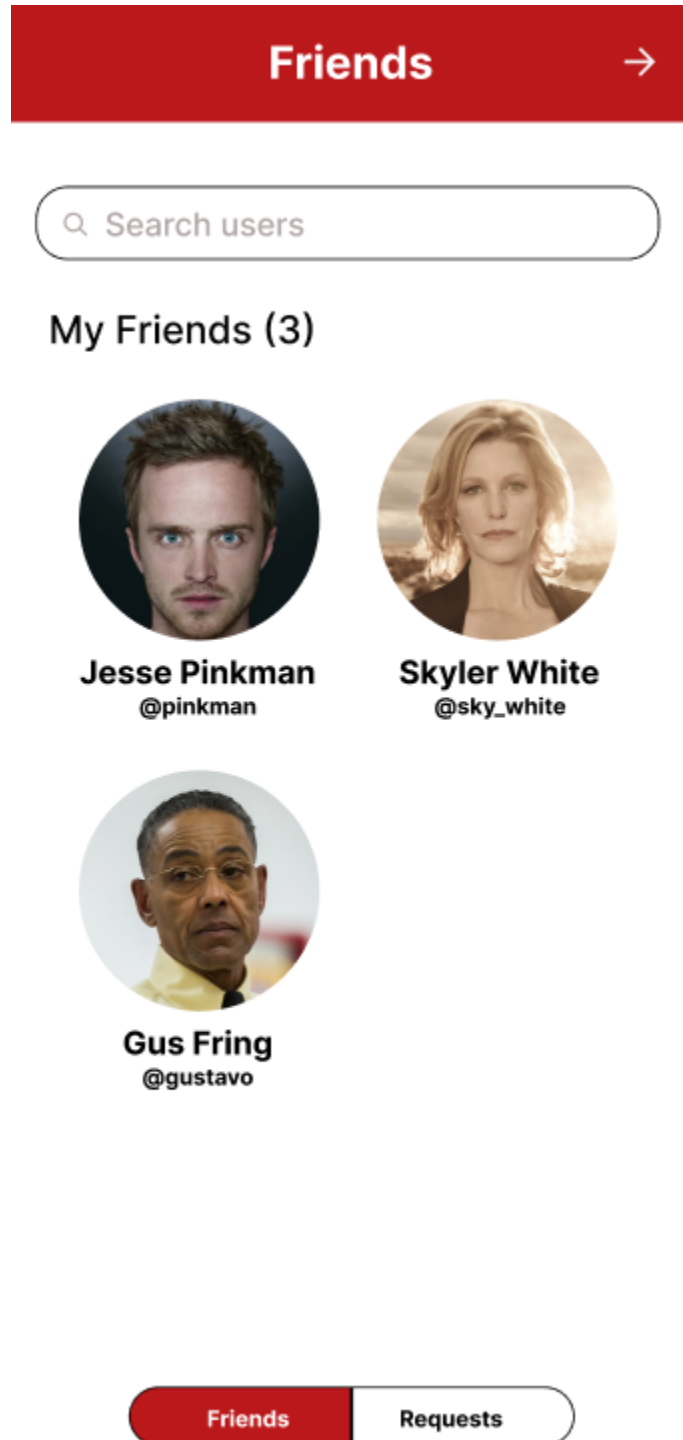
**Carts**

**Items**

**Profile**

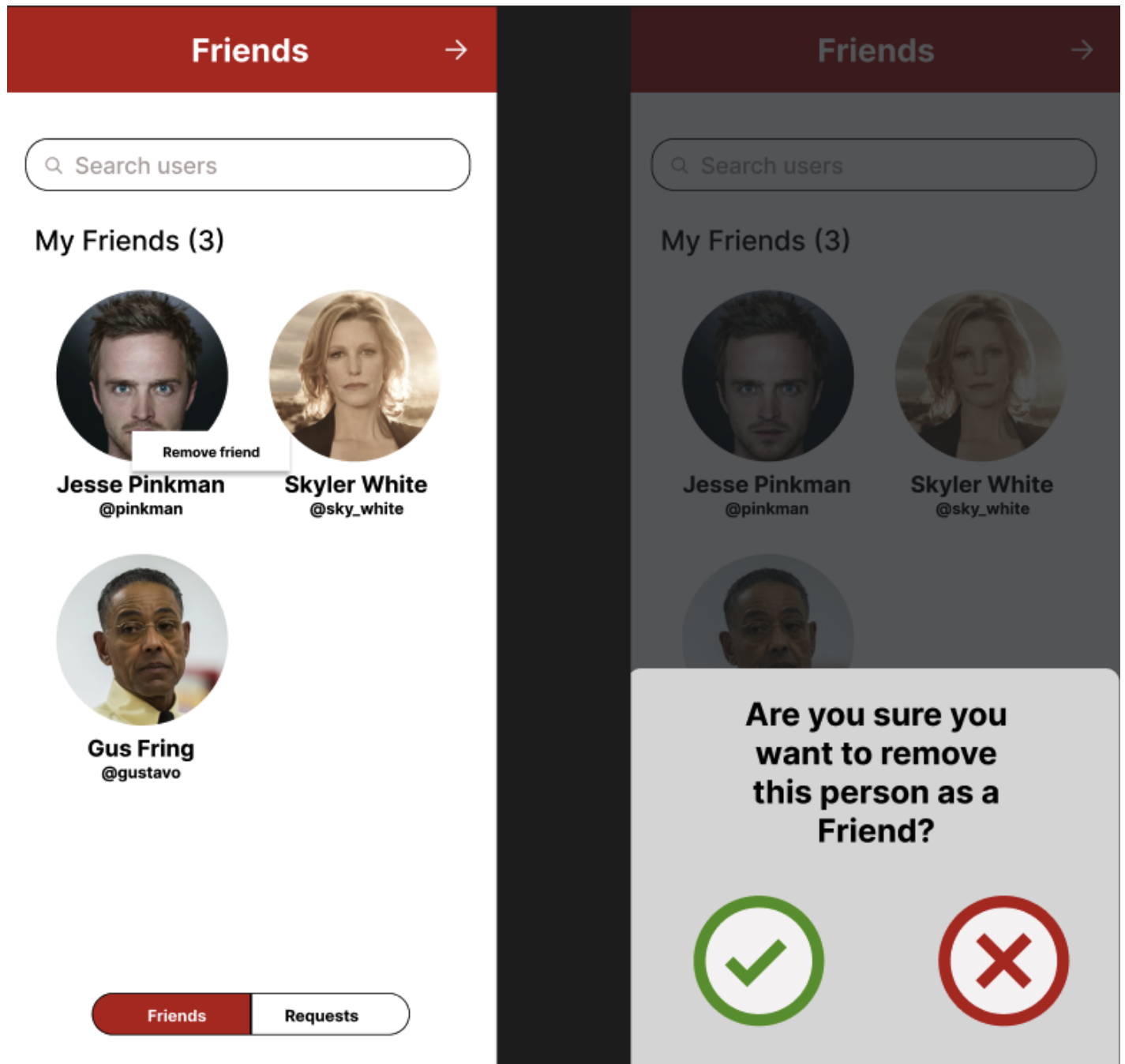
Friends Screen (friends button selected)

- The friends screen displays the user's current friends. Pressing the arrow in the top right corner or swiping left takes the user back to the main menu. Pressing the requests button allows users to view pending friend requests.



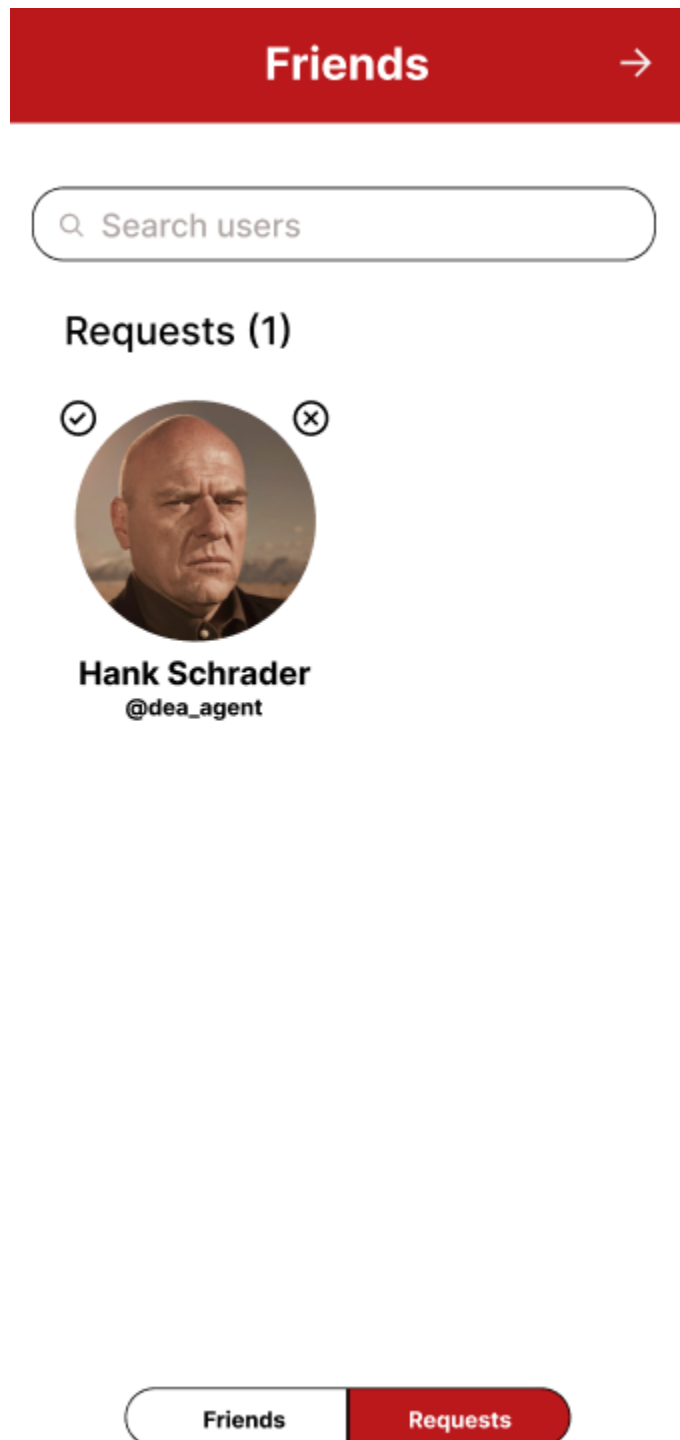
Remove Friends

- Tap and hold a friend to get the option to remove them



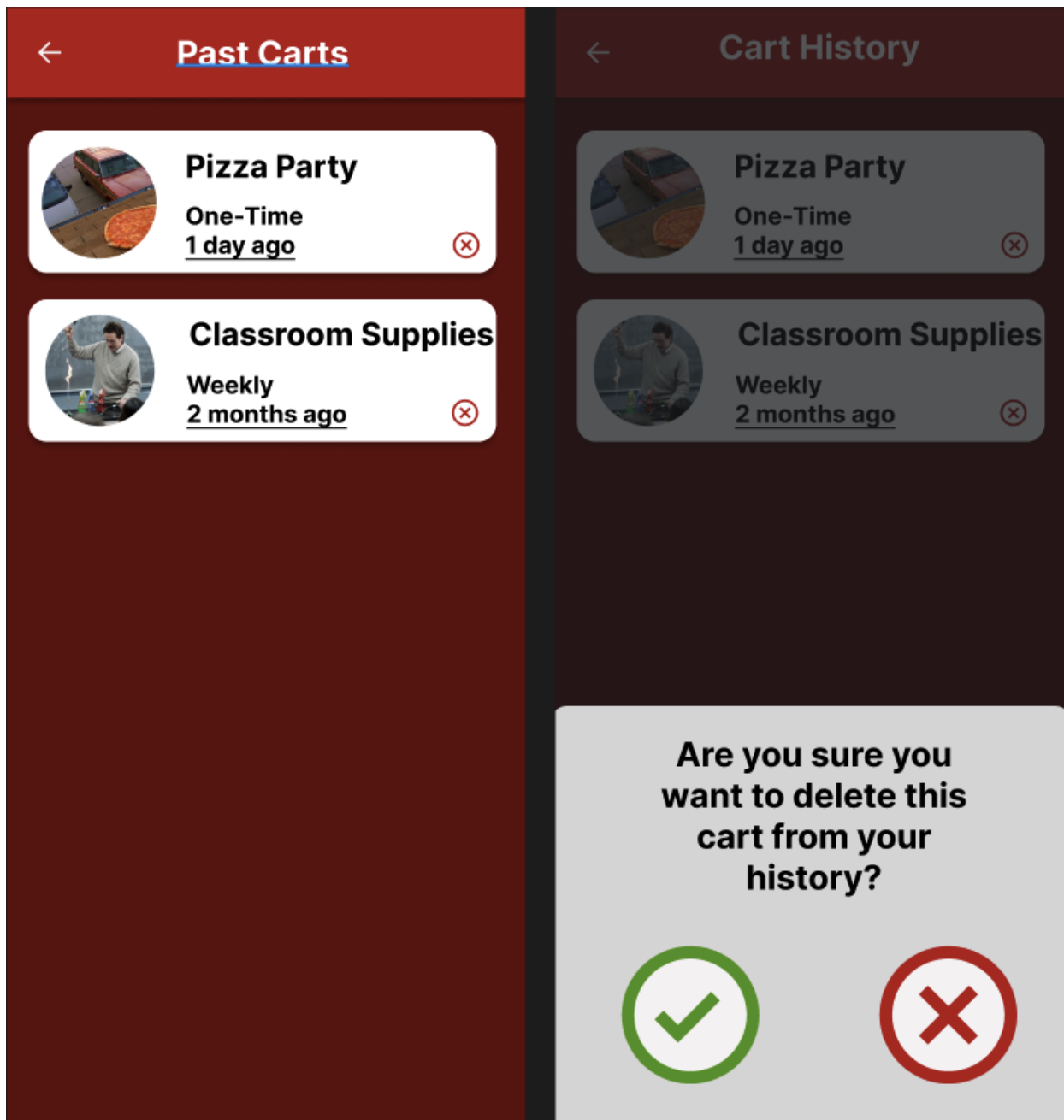
Friends Screen (requests selected)

- This section of the friends screen allows users to see pending friend requests. Pressing the friends button allows the user to view profiles that are already friends. Pressing the arrow or swiping left in the top right corner takes the user back to the main menu.




Past Carts Screen

- Tap the shown button on the main menu page to get to this page. Quickly view, select, and manage previously used carts.




Create New Cart Screen

- The create new cart screen allows a user to create a new cart. They can set the cart name via an input field, set a picture for the cart by pressing the camera button (from camera or gallery), can set the cart store, set a date/time for shopping, and change notification frequency for cart members. Pressing the save cart button creates the cart and adds it to the carts section on the main menu.

 **New Cart**


Cart Name


Cart Image


Cart Store


Add Store

Shop Date/Time

 **Date**
Choose A Date

 **Time**
Choose A Time


Notifications

 None >

Save

Add Store Screen

- The add store screen is reached from pressing add store from the create cart screen. Here, users can select a store for the cart from nearby stores or can search for a specific store using an input field and an adjustable radius bar.



Add Store

Search store

Distance search


60 mi.

Seach

or


Stores near me

2025 Guadalupe St
STE 01-100, Austin,
TX 78705


Target

Choose store


Walmart Supercenter
#1253710 E Ben White
Blvd, Austin, TX
78704


Walmart


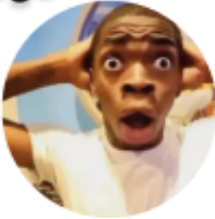
Choose store



Create Cart Screen (fully customized)

- A visualization of the cart screen with many options set.



 **New Cart**

Cart Name



Cart Image


Cart Store
2025 Guadalupe St
STE 01-100, Austin,
TX 78705

Target

Shop Date/Time

 Date Monday, February 20	Repeats Weekly
 Time 3:00 PM	

Notifications

 **Daily** 

Save

Change Store Screen

- A visualization similar to that of the Add store screen, but it is dependent on the person wanting to change their store of choice. It is segue from the “Change Store” button on the Create Cart screen.

←

Change Store

Search store

Q Search stores

Distance search

60 mi.


Search

or

Stores near me

2025 Guadalupe St
STE 01-100, Austin,
TX 78705

Choose store



Target

Walmart Supercenter
#1253710 E Ben White
Blvd, Austin, TX
78704


Choose store



Walmart

Search Store Screen

- A visual representation of searching for the stores that are around the user. The user can adjust the radius of their location, so they can get more store results available. The user can also search again if they were to change what store they want to find and the radius. Once they found the store that they wanted, then they can choose the store that they want to add or choose.



Search Store

Search store

HEB


Distance search

60 mi.

Search Again


Search Results for "HEB"

1000 E 41st St, Austin,
TX 78751




Choose store

2701 E 7th St, Austin,
TX 78702



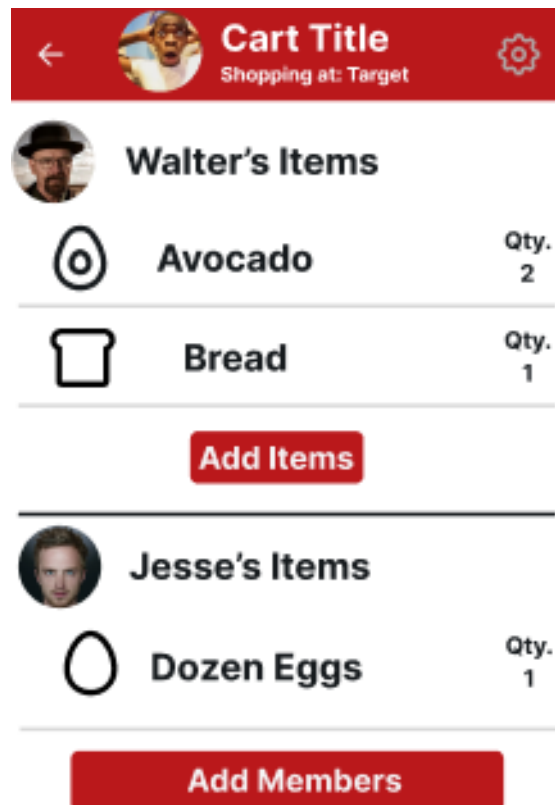
Choose store

1801 E 51st St, Austin,
TX 78723



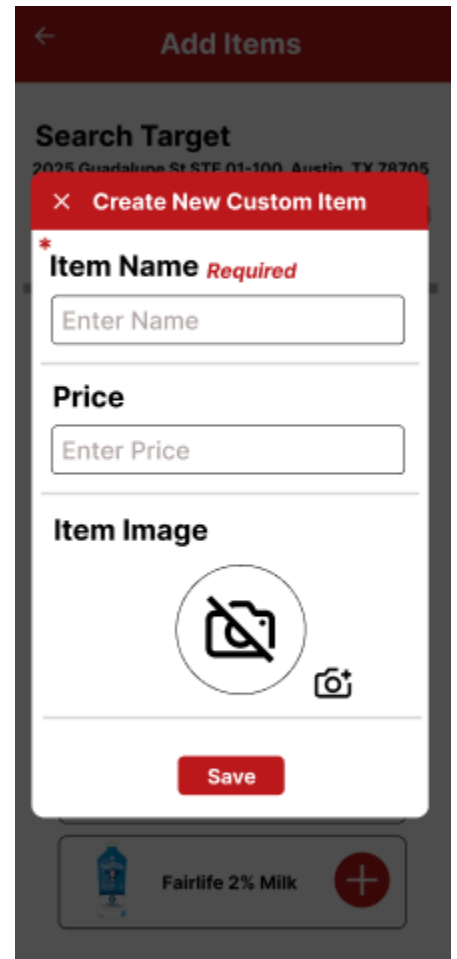
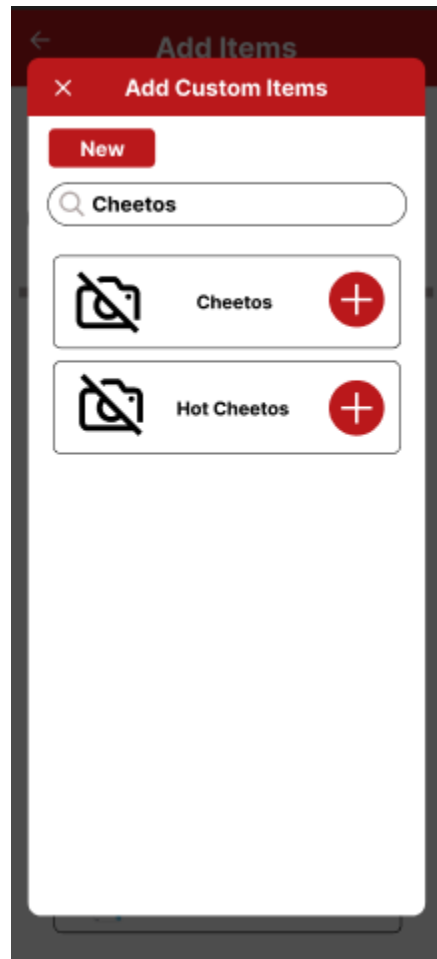
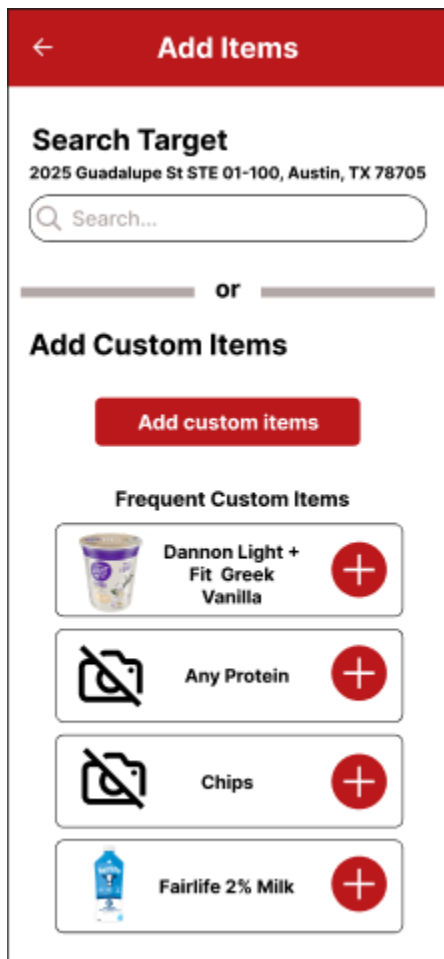
Cart Screen

- The cart screen is what is shown to the user after they created a cart. In the cart screen, the user can add other members into the cart as well as the items that the members wanted.



Adding Items to cart (Custom Items)

- When adding items to the cart, a user or member can add custom items into the cart if the item were to not be available within the store's website. Additionally, a member can also add a picture of the item as a way to recognize what kind of item the user is looking for. Furthermore, the user can also add frequent items that they get into their own cart or items they created from the custom item navbar.



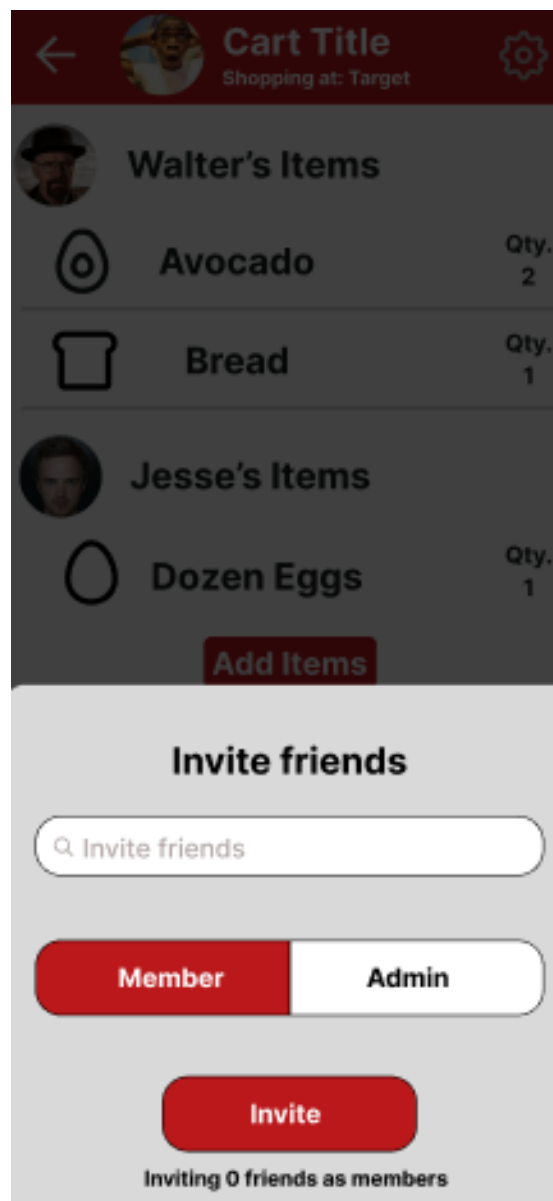
Adding items to cart (Searching)

- This is the screen used to show the resulting items available that the user can add into their own cart as well as the respective price for the items that the user searched for.



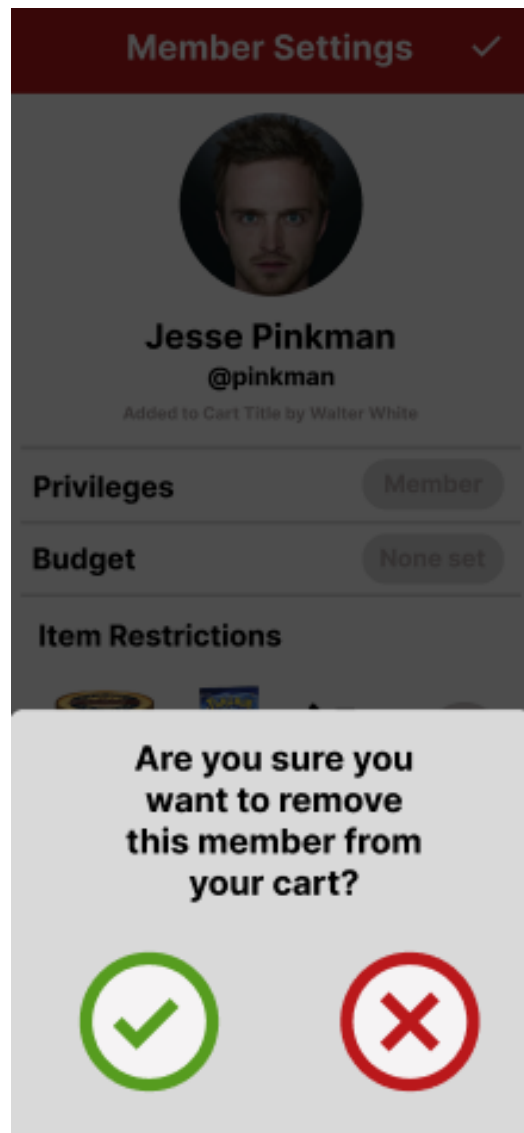
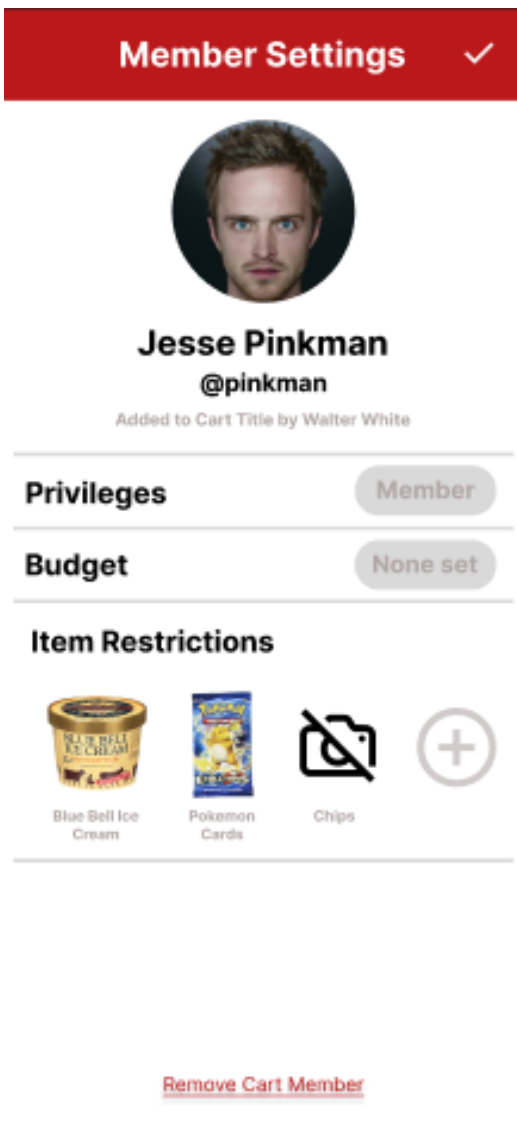
Invite Members Screen

- This is a screen that visualizes a way to invite members into the cart and setting them as members or admins.



Member Settings Screen

- These screens are used to set restrictions and other stuff to the members such as privilege levels (admin, member), budget, and item restrictions that prevent the member from choosing a specific item. Additionally, the owner of the cart can also remove members from the cart.



Custom Items Screen

- This screen visualizes the custom items that are created by the user in which the user can use it for other carts and they can edit the items as they please. The purpose of this feature is to allow the user to define items that are not found through the store. This allows the user to be intentionally unspecific, which communicates that the user will be satisfied with any kind of item of the specified category.

