Screen Sketches

Team MK1_3

David Borucki

Ryan McFadden

Walter Goodzey

William Curtis

Actors

- Guests: Have the privilege to:
    - View recipes posted by account holders
    - Search for recipes by category, tags, or keywords
    - Scroll through trending recipes
- Account Holder: Have the same privileges as Guests in addition to:
    - Save recipes created by other account holders
    - Create and post their own recipes
    - Follow accounts that they would like to see more content from
    - Rate recipes on a 5-star scale
    - Leave comments on other recipes
- Admin: Allowed to manipulate aspects of the platform itself by:
    - Monitoring and removing content such as recipes, comments, or account descriptions
    - Ability to ban problematic users
    - Modifying the trending recipe
    - Adding relevant tags to recipes and placing them in categories

Non-Functional Requirements

- Usability
  - Having the user experience a seamless experience where they already know where certain functionalities are supposed to exist. Apple has a certain way of how apps should be laid out, and we would like to follow those conventions. This is because most users know where most functions of an app are located, such as the settings are in the profile section for any social media application.
- Scalability
  - Having the ability for the user in the future to add videos of their recipes. More features would be able to be implemented without having the application slow down due to more functionality being implemented under the hood.
- Resizability
  - This means that the user experience remains relatively consistent and visually appealing across a diverse range of devices. Being able to scale the application to any Android screen device dimensions, such as tall phones or wide folding phones.
- Responsiveness
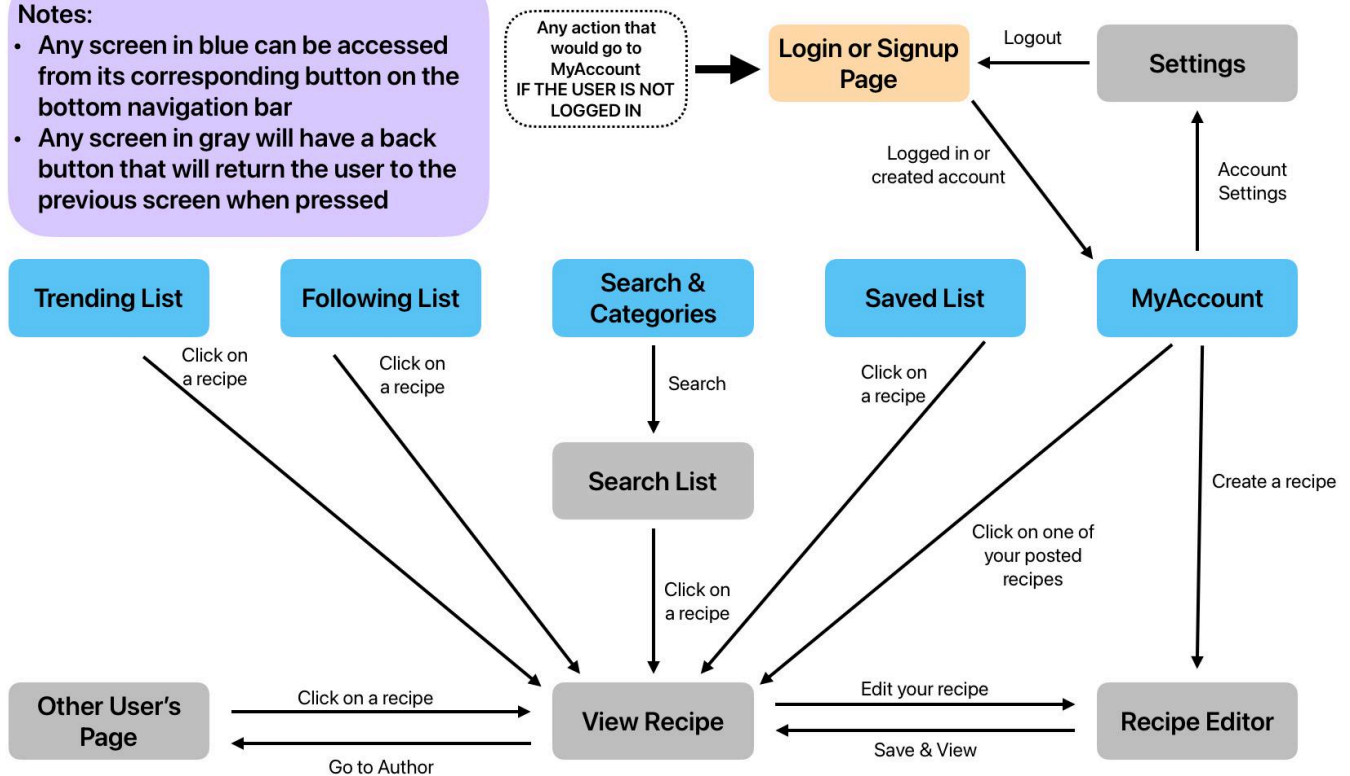 - Having full recipes load within 2 seconds of being selected.

Tables and Fields

- **1 - Users :** Tracks user's account information
    - Username
    - User Email
    - Individual user settings
    - Encrypted Password
    - Account ID
    - Account Description
    - Profile Picture
    - List of Account's Saved Recipes
    - List of Account's Posted Recipes
    - List of Accounts that the User is Following
- **2 - Recipes :** Tracks information on a single recipe
    - Recipe ID
    - Recipe Title
    - Picture of Recipe
    - User Who Posted the Recipe
    - Recipe Instructions
    - Tags Describing the Recipe
    - List of Comments
    - Rating
- **3 - Comments :** Tracks information about a single comment
    - User Who Posted the Comment
    - The Actual Text of the Comment
    - Likes and Dislikes
    - Further Comments Replying to the Original Comment
- **4 - Trending Recipes :** Tracks information about trending recipes
    - List of Recipes (and their associated data)
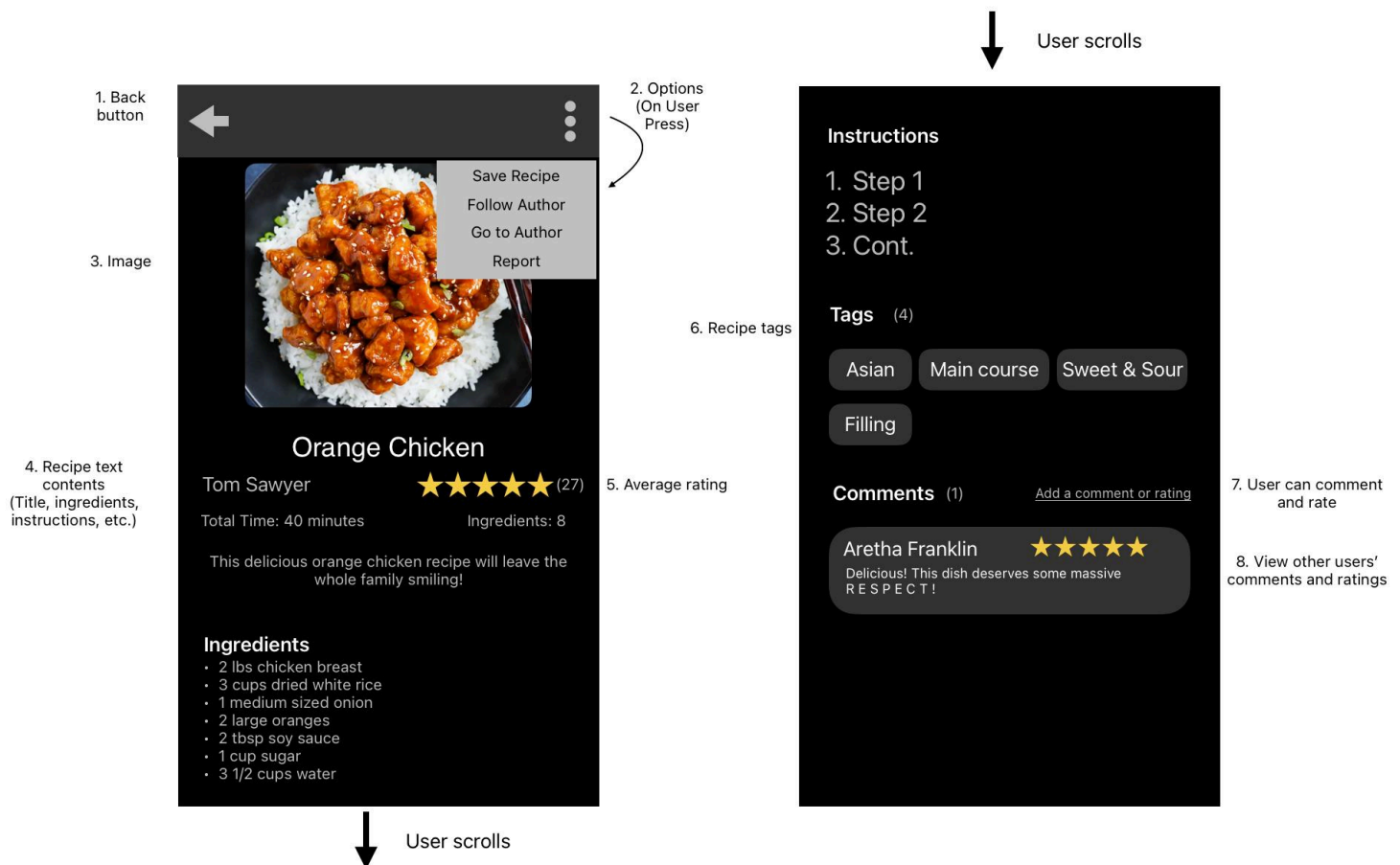   - Log of which Admin added the recipe to the Trending list

Screen Flow Diagram

Notes:
- Any screen in blue can be accessed from its corresponding button on the bottom navigation bar
- Any screen in gray will have a back button that will return the user to the previous screen when pressed

Any action that would go to MyAccount **IF THE USER IS NOT LOGGED IN** → **Login or Signup Page**

Logout → **Settings**

Login or Signup Page — Logged in or created account → **MyAccount**

Settings — Account Settings ← **MyAccount**

Trending List — Click on a recipe →

Following List — Click on a recipe →

Search & Categories — Search →

Saved List — Click on a recipe →

MyAccount

Search List — Click on a recipe →

Saved List

MyAccount — Click on one of your posted recipes → **View Recipe**

MyAccount — Create a recipe → **Recipe Editor**

Other User's Page — Click on a recipe → **View Recipe**

View Recipe — Go to Author → **Other User's Page**

View Recipe — Edit your recipe → **Recipe Editor**

Recipe Editor — Save & View → **View Recipe**

Viewing a Recipe (Ryan)

User scrolls

1. Back button

2. Options (On User Press)

Save Recipe
Follow Author
Go to Author
Report

3. Image

Orange Chicken

Tom Sawyer ★★★★★ (27)

4. Recipe text contents (Title, ingredients, instructions, etc.)

5. Average rating

Total Time: 40 minutes   Ingredients: 8

This delicious orange chicken recipe will leave the whole family smiling!

Ingredients
- 2 lbs chicken breast
- 3 cups dried white rice
- 1 medium sized onion
- 2 large oranges
- 2 tbsp soy sauce
- 1 cup sugar
- 3 1/2 cups water

User scrolls

Instructions
1. Step 1
2. Step 2
3. Cont.

6. Recipe tags

Tags (4)

Asian   Main course   Sweet & Sour

Filling

Comments (1)   Add a comment or rating

7. User can comment and rate

Aretha Franklin ★★★★★
Delicious! This dish deserves some massive
R E S P E C T !

8. View other users' comments and ratings

This screen allows users to view a full recipe in a simplistic and readable format. The user can see the entirety of the recipe by intuitively scrolling through the page, and they can return to the previous page they were on by pressing the Back button (1). By clicking the Options button (2), any actor can go to the recipe author's account page, and an Account Holder has the option to save the recipe, follow the author, and/or report the recipe for inappropriate content. An Admin user would have the option here to add or remove a recipe to the app's Trending page, as well as remove a recipe from the platform for inappropriate content.

Alongside the recipe contents (4), this screen shows the average rating (5) this recipe has received on a 5-star scale. After the recipe instructions, this view lists the tags (6) the authors associated with this recipe, as well as comments and ratings that other users have given this recipe (8). An Account Holder is also able to leave a rating and comment (7) here as well. We plan on having comments be a later edition of our project when we learn more about websockets.

Trending List (Ryan)

1. Recipe Headers (click to go to full recipe)

Trending

Orange Chicken
Tom Sawyer ★★★★★
This delicious orange chicken recipe will leave the whole family smiling!
Time Required: 40 minutes   Ingredients: 8

Chocolate Cream Pie
Jane Doe ★★★★★
3.141592 has never tasted so delicious
Prep Time: 30 minutes   Ingredients: 6

Cheesy Pasta
Old McDonald ★★★★★
Carbs on carbs on carbs on carbs
Total Time: 40 minutes   Ingredients: 7

Sesame Chicken
Wendi Summerstein ★★★★★

2. Bottom navigation bar

3. Trending List (current screen)

4. Following List

5. Search Page

6. Saved Recipes

7. MyAccount

This screen allows the user to view the platform's current trending recipes. The page is a list of recipe headers (1) from recipes that have recently become popular (highly viewed and well-rated) among the app's users. The recipes on this page are added and removed by Admin users. The user can intuitively scroll through the list of recipe headers and click on any recipe they're interested in to view the full recipe. The recipe headers (1) consist of an image of the food, a title, the author, the recipe's average rating (on a 5-star scale), a short description, the time required to make the recipe, and the number of ingredients.

The bottom navigation bar (2) allows the user to go to the 5 main pages of the app by clicking on the corresponding button: the Trending list (3), their Following list (4), the Search page (5), their Saved Recipes (6), and their account page (7).

My Profile (Will)
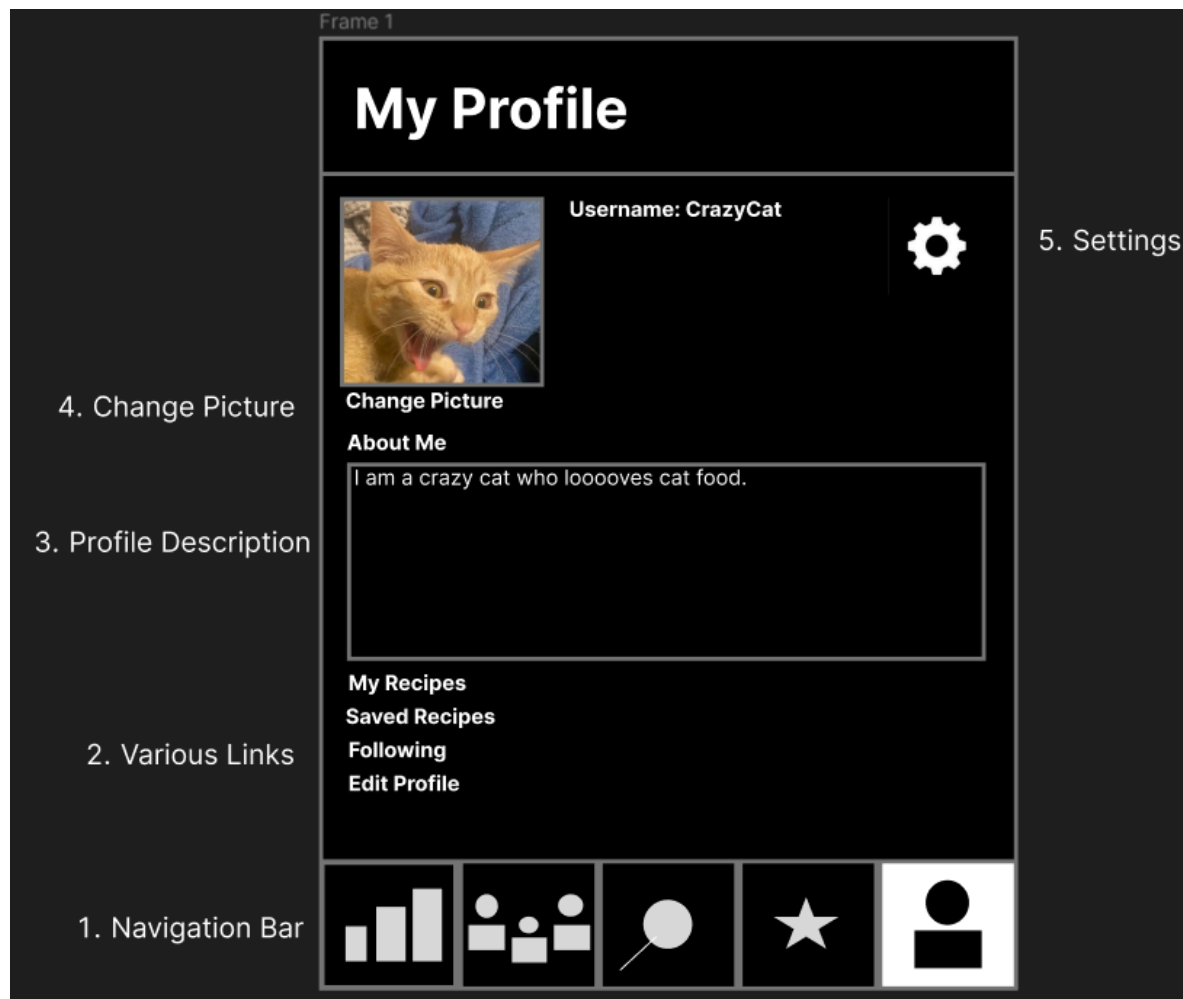
This screen allows a user to view and edit their profile if they have one. It is accessible from the navigation bar and has the same navigation bar as other major screens (1). The highlighted section is the current page being the profile page. There are various links (2) that allow the user to change or view information about their profile. "My Recipes" takes them to a page consisting of all recipes they have posted on the site. "Saved Recipes" takes them to a page that has all of the recipes they have saved from other users. "Following" shows them a list of all of the other profiles they follow and lets them go to those profile pages. "Edit Profile" lets the user change their description, username, and is another place to change the profile picture.

The profile description box (3) is a large text box that will be visible to others when they look at your profile. It would be a good place for someone to introduce themselves and what kind of food they are interested in as well as their cooking experience. The change picture (4) link would allow a user to submit a picture to use as their profile picture. Finally the settings gear (5) takes the user to a settings page, allowing them to change various preferences and settings.
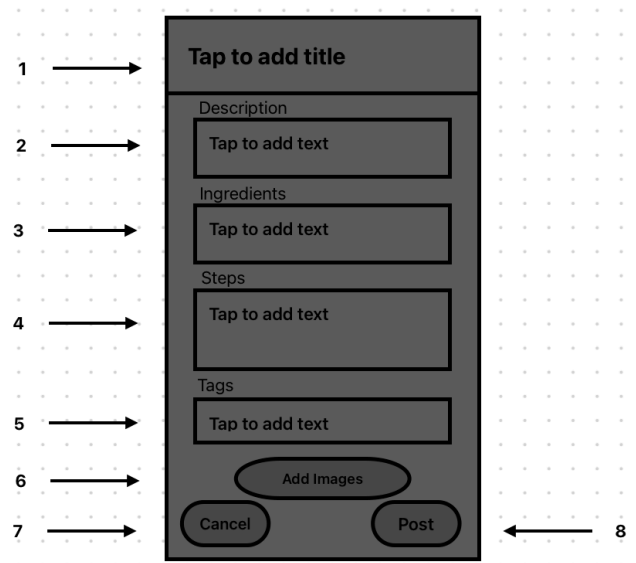
Settings (Will)
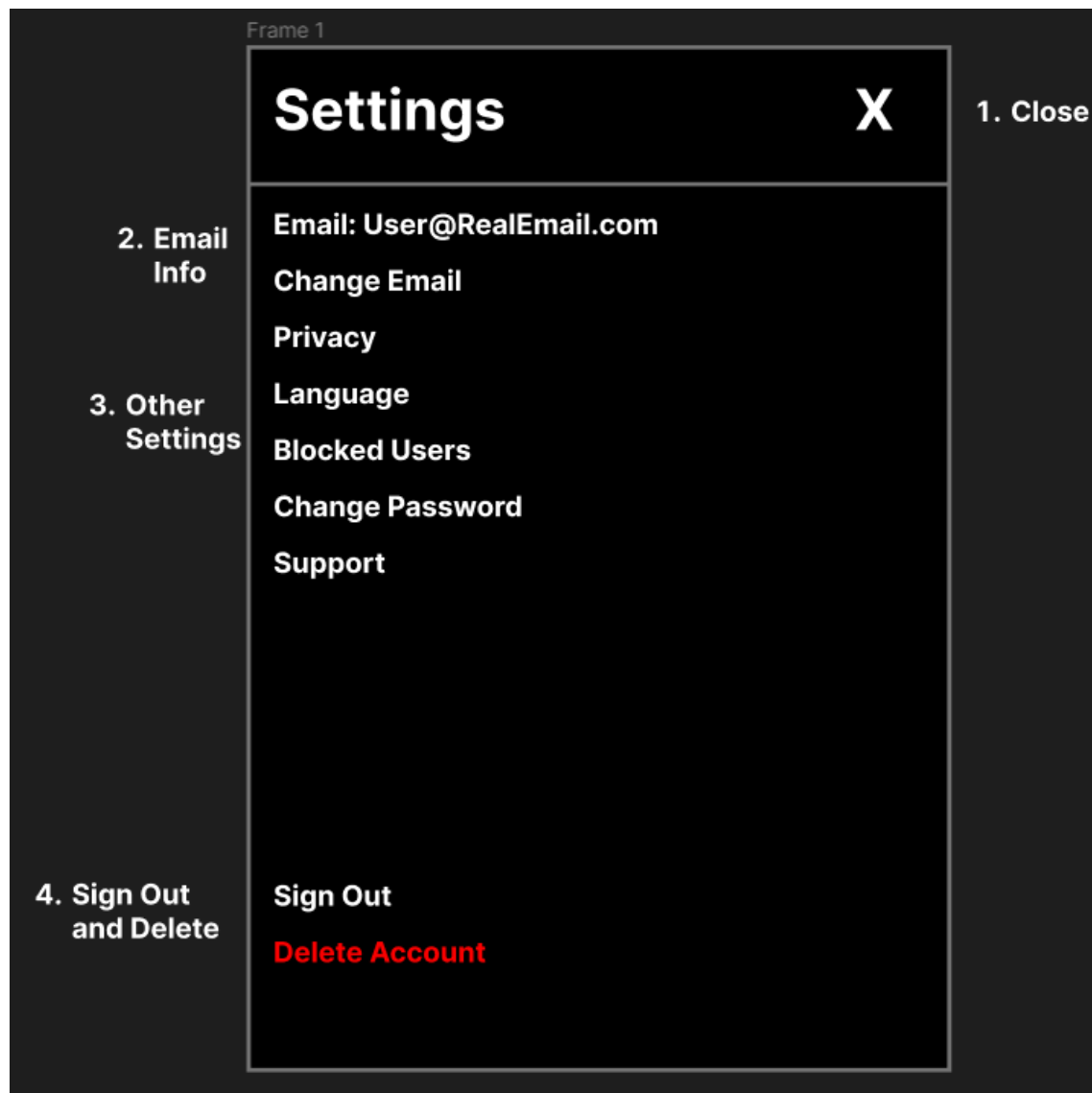
The X in the top right corner (1) closes the setting window returning the user to the my account page The email info (2) shows both the current email associated with their account and gives the user the option to change which email address is connected to their account. There are a couple various other settings (3). The privacy setting allows you to disable people from being able to view your account, language can change what language the UI is in. Blocked users allows a user to view all of the accounts they have blocked and gives them the option to unblock or report that user and support allows the user to send an email to a support email. Finally the sign out and delete options (4) allow the user to sign out of their account and return to the login screen or permanently delete their account. There would be an "are you sure" popup before deleting the account to prevent accidentally doing so.

Login/Signup/Continue as guest (Walter)

| APP NAME | Welcome | Welcome Back |

APP NAME

Sign Up

Login

Continue as a guest

1

2

3

Welcome

Tap to enter username

Tap to enter password

Tap to re-enter password

Back

4

5

6

Welcome Back

Tap to enter username

Tap to enter password

Back
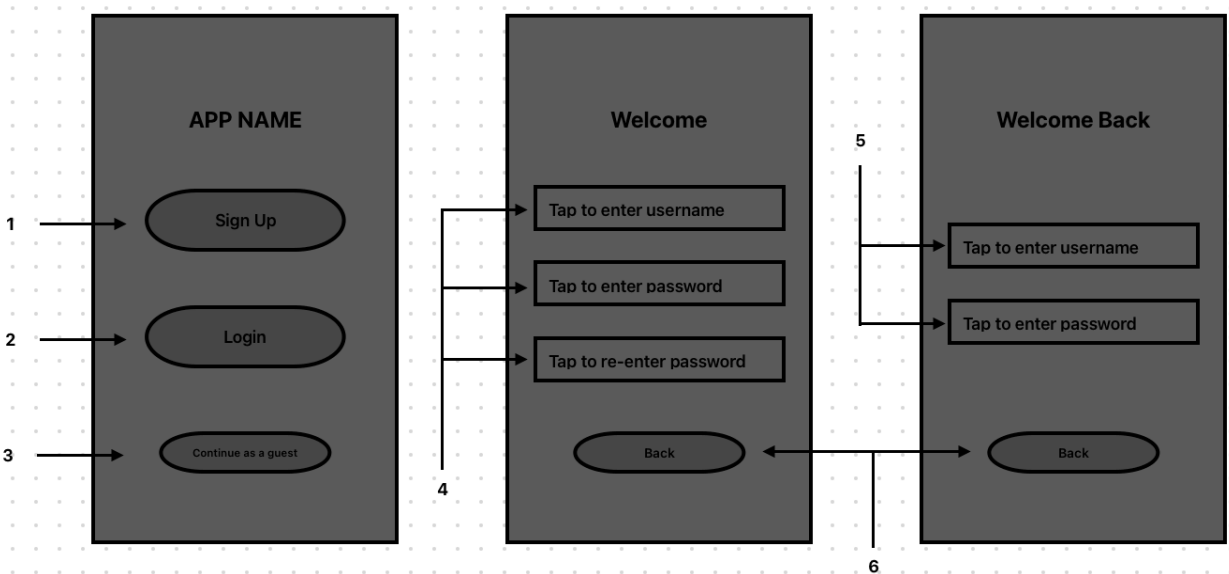
(1) The signup button that sends the user to the welcome page. (2) The login button that sends the user to the sign in page. (3) The continue as a guest button that logs the user in as a guest with limited functionality. The welcome page welcomes the new user as well as (4) prompts them to enter a username, password, and to re-enter their password. The welcome page welcomes the returning user as well as (5) prompts the user to enter their username and password. (6) The back button returns them to the main login screen.

Creating a Recipe Page (Walter)

1 → **Tap to add title**

2 →
Description
Tap to add text

3 →
Ingredients
Tap to add text

4 →
Steps
Tap to add text

5 →
Tags
Tap to add text

6 → Add Images

7 → Cancel   Post ← 8

The create recipe page the user is prompted to input various details about their recipe.The user is prompted to add a (1) title of the recipe, (2) description of the recipe and how it may taste or how easy it is to make, (3) full ingredients list, (4) instructional steps for the recipe, as well as (5) tags to make the recipe more discoverable. There is also a button to add (6) images for the recipe. Should the user decide that they do not want to post a recipe, there is a (7) cancel button which returns the user to the home screen of the application. There is a (8) post button which then posts the recipe to the account.

Following List (David)
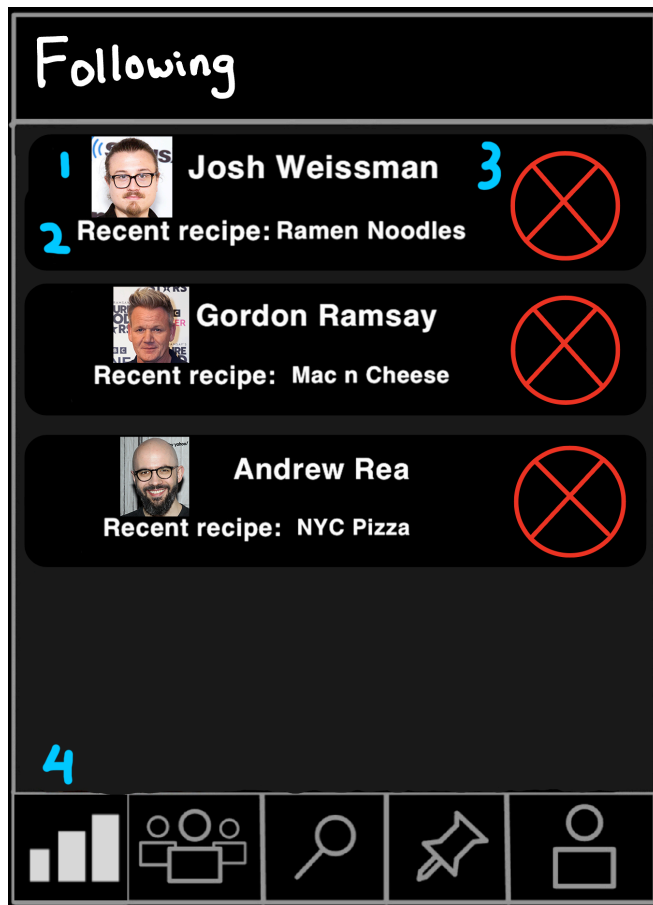
This screen allows the user to view the creators that they are currently following. This screen will be accessible as one of the main pages of the app, through the usage of the Navigation bar. The functionalities of this page include: (1) The profile picture and name of the creator that the user is currently following. (2) A small spotlight as to what their most recent recipe has been, gives the user incentive to look at their page and discover their newest recipes. (3) An unfollow button to remove the creator from their followed list. (4) Navigation bar that allows the user to move to different main screens. From left to right, they include: Trending page, Following page, Search page, Saved Recipes page, and the Profile page.

Saved Recipes (David)
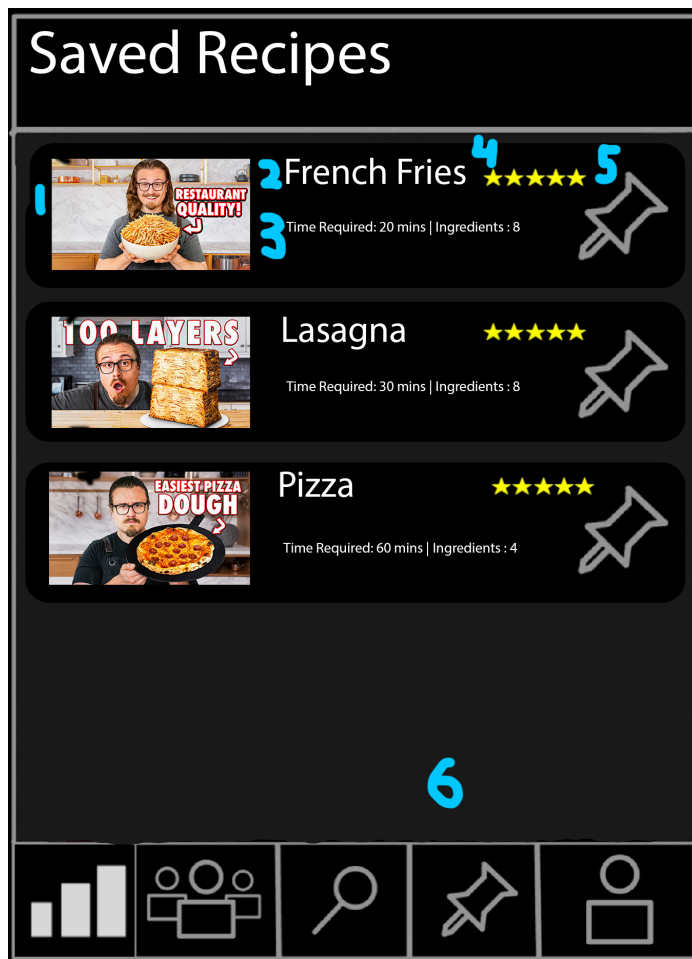
This screen allows the user to look at their saved recipes that they have previously found while on the app. This screen will be accessible as one of the main pages of the app, through the usage of the Navigation bar. The different functionalities include: (1) An image of the recipe, as to visually understand what they saw and liked. (2) The name of the recipe in semi header sizing, easy to read. (3) A small description of some useful information that includes the time required to make said recipe, and also the ingredients needed. (4) The star rating for this recipe out of five stars to know from other people using the app to know if the recipe saved is valued throughout the community. This gives the user the feeling of a word of mouth that normally would be seen in person. (5) A pin to remove this recipe from the list of saved recipes, big so that it is hard to miss. (6) Navigation bar that allows the user to move to different main screens. From left to right, they include: Trending page, Following page, Search page, Saved Recipes page, and the Profile page.