

Milestone #1 - Proposal Document

COMP SCI 4HC3

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Application Name: Campus Eats

Description:

A web platform that allows undergraduate students to rate and discuss their favourite campus foods. Campus Eats will also provide information about the cost associated with the food and people's reviews of it. Campus Eats will help students find the food that they want more conveniently and reliably.

Task Hierarchy:

1. Search a restaurant
 - a. Filters search by rating
 - b. Filter search by price
 - c. Filter search by location
 - d. Filter search by dietary restrictions
 - e. Sort the search results from highest to lowest rating
 - f. Sort the search results from lowest to highest price
 - g. Sort the search results from closest to farthest location
2. Rate a restaurant
 - a. Enter restaurant info in form
 - b. Assign a rating on a given scale
 - c. Include optional descriptions of the rating
 - d. Submit the rating form
3. View the restaurant rating
 - a. Search a restaurant by its name
 - b. Browse search results
 - c. Select the restaurant
 - d. Browse reviews and ratings
4. Share a review on Social Media
 - a. Select a review to share
 - b. Choose the social media platform
 - c. Generate a sharable link
 - d. Copy the link
5. Search nearby restaurant in the Map
 - a. Specify initial location to start exploring on map
 - b. Interact with the map to locate the areas of interest
 - c. Browse nearby restaurants
 - d. Select a restaurant to view the restaurant details
6. Create an account
 - a. Create username and password

- b. Provide personal information
 - c. Specify school/location information
 - d. Specify favourite foods
 - e. Specify weekly/daily budget
- 7. Modify existing account
 - a. Edit username and password
 - b. Edit personal information
 - c. Edit school/location information
 - d. Edit favourite foods
 - e. Edit weekly/daily budget
- 8. View account history
 - a. Browse prior ratings
 - b. Browse prior foods you favorited
 - c. Browse prior restaurants you favorited
 - d. Browse prior reviews you wrote
- 9. File a complaint
 - a. Specify the type of complaint
 - b. Specify the user
 - c. Explain why there is a problem with that user
 - d. Submit the complaint

Sketches and Wireframes:

1. Sophia Ji Who Choi's layout options:
Wireframe Layout 1: The Rating Page.

LOGO

Q

Restaurant Name

Pricing

Overall Experience

Friendly

Affordable

Clean


Vegetarian Friendly

Vegan

Fast Service

Fresh

Submit


Share Your Review on
Social Media

\$

\$

\$

\$

\$

★

★

★

★

☆

Review More Restaurants

Discover More >

Restaurant Name

Short Descriptions

Restaurant Name

Short Descriptions

Restaurant Name

Short Descriptions

ABOUT

PRIVACY POLICY

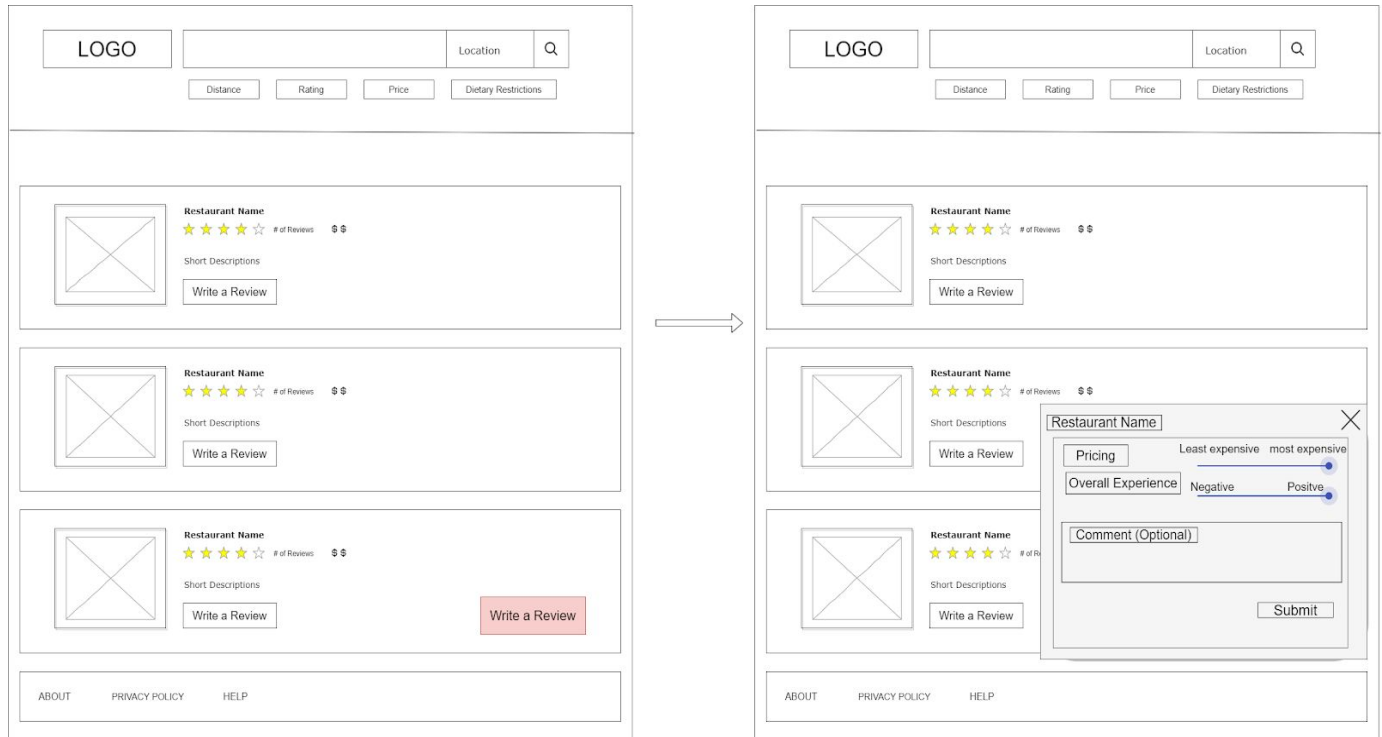
HELP

Description:

- This is a wireframe of the rating page of the application. The user begins by selecting the restaurant they want to review by searching for the restaurant's name using the top search bar.
- The page utilizes a mixed approach to rating the restaurant. 1) It has a scale/range rating system for pricing and overall experience of the restaurant. The star rating was used because it is suitable for general rating questions. The user can select the rating from 0 to 5 for each category. 2) The page also includes certain attributes that the user can select to describe the restaurant.
- The app suggests the user review more restaurants by providing card recommendations conveniently below the rating form.
- Compared to layout #2 and #3, this design is relatively simpler to use and provides a quicker way for the user to review the restaurant.

2. Sophia Ji Who Choi's layout options:

Wireframe Layout 2: The Rating Pop-up Modal on the Search Results Page



Description:

- This is the wireframe of the rating modal of the search results page. After the user searches for a restaurant, the button 'Write a Review' shows up. The button will have a fixed location near the bottom right of the page. The user can simply click the 'Write a Review' button to open up the rating modal to review the restaurant.
- The advantage of the rating modal is that it allows the user to browse the search results without changing the page as well as writing a review for a restaurant.
- The rating modal has a quantitative slider with numeric ranges from 1 - 100 to rate the restaurant. The slider allows the user to give a more accurate rating compared to selecting a number from a smaller range as in wireframe layout 1 and 3.

3. Sophia Ji Who Choi's layout options:
Wireframe Layout 3: The Rating Page.

LOGO

Restaurant Name

Photo

Pricing

Overall Experience

Comment (Optional)

Submit

Review More Restaurants

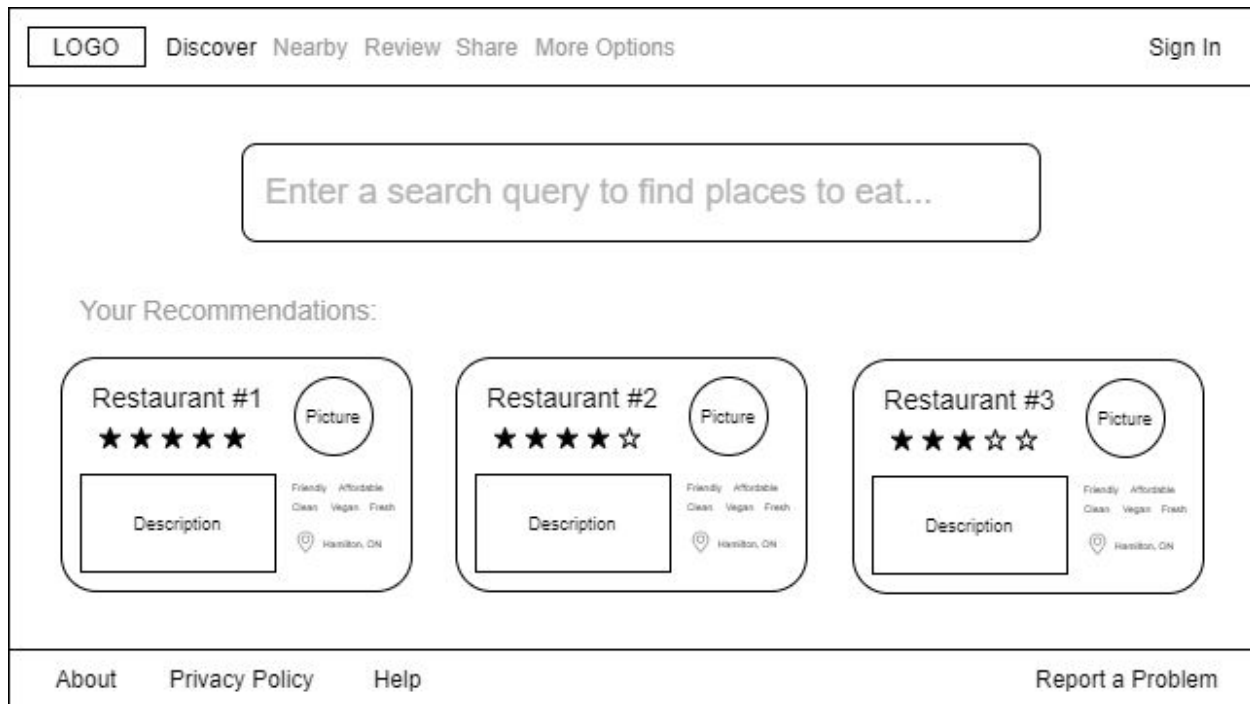
Discover More >

ABOUT PRIVACY POLICY HELP

Description:

- This is a wireframe of the rating page of the application. The user begins by selecting the restaurant they want to review by searching for the restaurant's name using the top search bar.
- Similar to the first wireframe, it has a scale/range rating system for pricing and overall experience of the restaurant. It uses the emoji and smiley rating to measure the likeability of the experience. However, the page offers the user the ability to upload photos and write comments about the restaurant.
- This design is for users who like to express their opinion in a creative way.

4. Sujan's layout options:



Description:

Begin with a prominent search bar being the main entry point for the user to begin finding restaurants by specific criteria, with three card recommendations below to fill the empty space before the user starts typing. All search filters and options can be included directly in the search query, similar to Google, that would be parsed in the back end and keeps the search bar interface simple. Once results begin to populate, replace the initial recommendations with cards for each result, scrollable horizontally. The user can click on any card to enter a full-screen page about that restaurant, with sections for description, comments, etc. now visible in full. More sections along the top and bottom bar for remaining features as outlined in the task hierarchy.


5. Sujan's layout options:

LOGO

Discover Nearby Review Share More Options

Sign In

Restaurant #1


 Hamilton, ON

Friendly Affordable Clean Vegan Fresh

★★★★★

Description

Restaurant #2


 Hamilton, ON

Friendly Affordable Clean Vegan Fresh

★★★★★

Description

Restaurant #3


 Hamilton, ON

Friendly Affordable Clean Vegan Fresh


★★★★★

Description

Restaurant #4

 Hamilton, ON

Friendly Affordable Clean Vegan Fresh


 Enter a search query...


Filters:


Location: Hamilton, ON


Vegan

Filter by Location

 Hamilton, ON

 Mississauga, ON

 Brampton, ON

 Toronto, ON

Filter by Keyword

Friendly Affordable Clean Vegan

Fast Service Vegetarian Open on Holidays

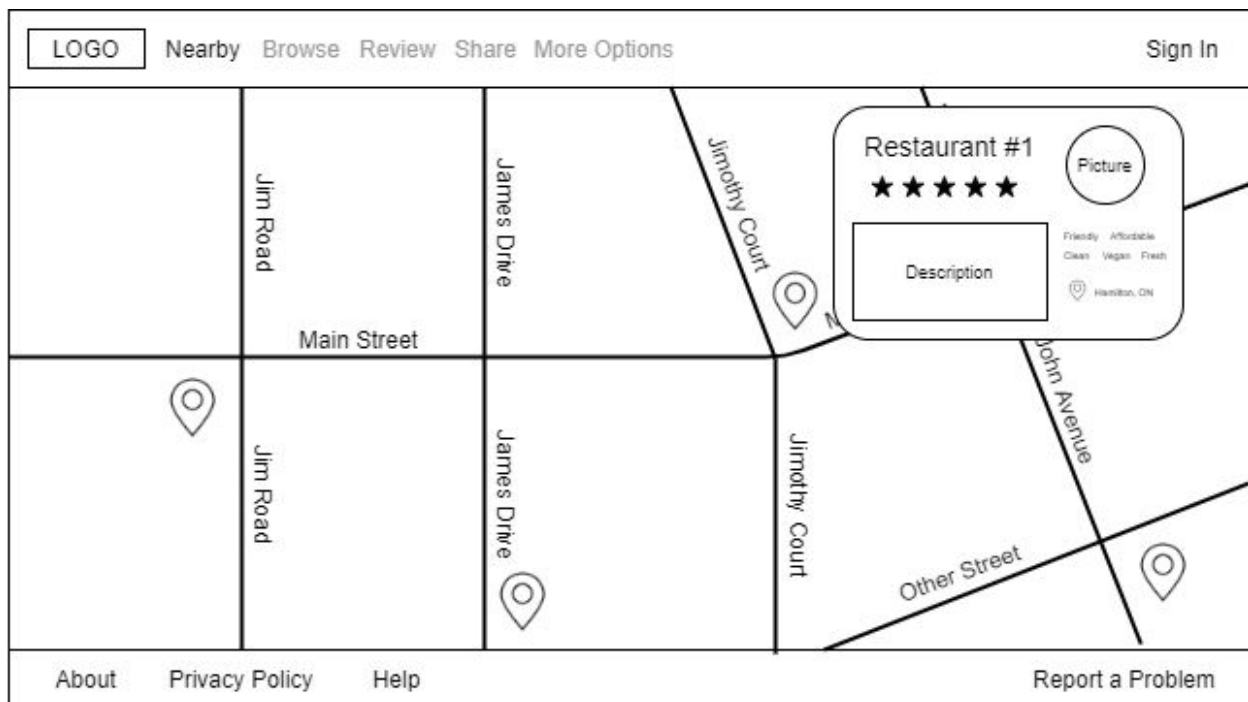
About Privacy Policy Help

Report a Problem

Description:

Replace the search bar and horizontal list of cards with a vertical list of cards for user recommendations (main feed) and a small search bar with separate controls for location and keyword filters along the right side. This is with the motivation to serve users who may not have specific criteria and would rather select from pre-selected options in a scrollable feed. Once a search query has been entered, replace initial recommendations with search results as before. Top and bottom bars stay the same.

6. Sujan's layout options:

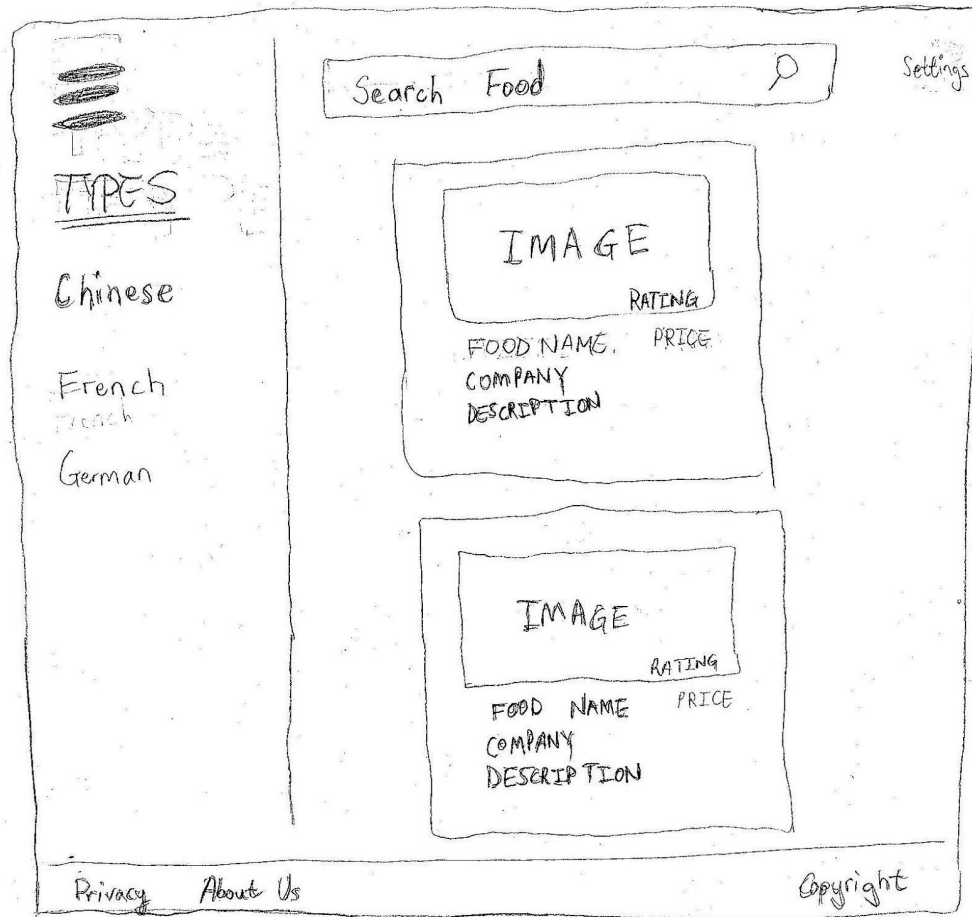


Description:

Map interface to visualize proximity to best restaurants now takes precedence on the main screen. Traditional cards/search interface is moved to the Browse (renamed from Discover) tab on the top bar while Nearby with Map interface is promoted to the default view. This is with the rationale that users may be primarily concerned about finding restaurants nearest to them, above all else. Location pins on the map to indicate restaurant locations can be clicked to reveal cards just as before, which are still clickable to expand into full-screen pages about that restaurant. Other options along the top and bottom bar remain unchanged.

7. Darren's layout options:

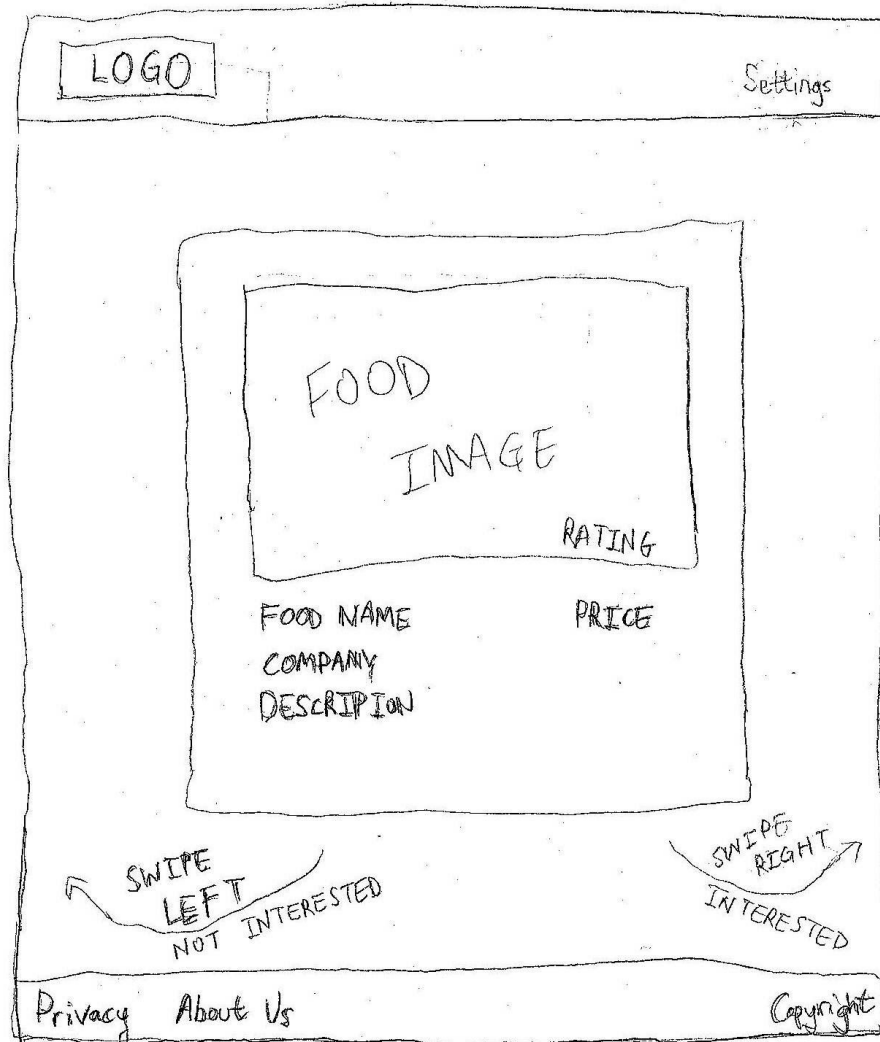
Design #1: A basic food recommendation list made for mobiles and web



Description:

- This UI is a 'conventional' UI that is seen across many apps. It allows you to easily search for different foods. Since many people have seen this before, it will be more user-friendly to use.
- Each recommendation shows up on a card. The card provides an image, shows the ratings, etc. The description is only 100 characters long and will be cut off if there's too much text. If you click into the card, you can get into a dedicated page to get more information about the food (to read the entire description).
- On the left, you can select foods from different cultures
- Keep on scrolling down to get more recommended
- On the right, there's a setting for you to update profile, logout, etc.
- In the bottom, there's the footer which contains the privacy, about us, copyright. Of course, there can be other options as we go along.

8. Darren's layout options:
Design #2 Food recommendations through a Tinder styled app

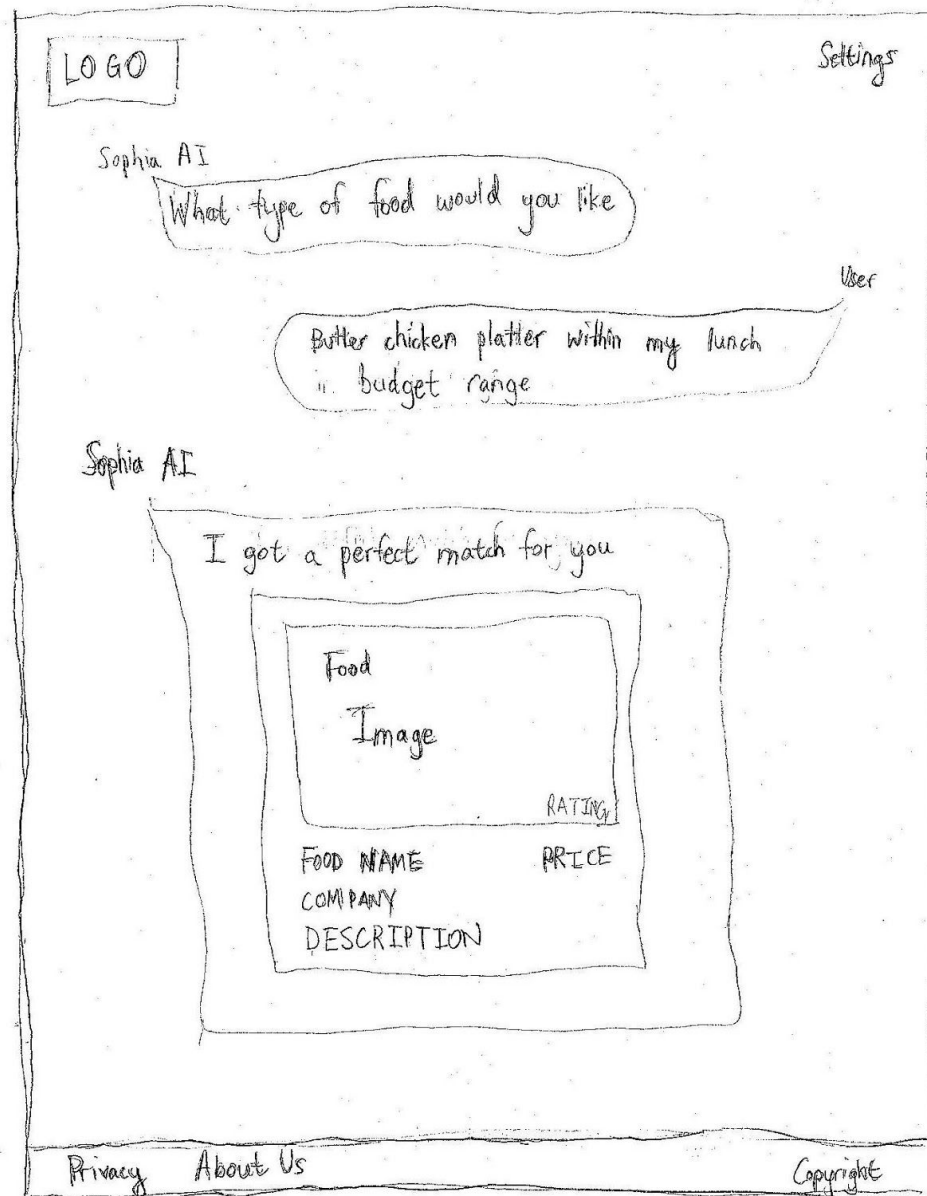


Description:

- Tinder styled food choices. This would be made for people who like aesthetically appealing food images and want to choose the food that works best for them. Due to there only being one image, the image is large with a lot of added details
- Swipe right if you are interested; swipe left if you aren't
- The food information is in the same card design as design #1
- In the bottom, there's the same footer as design #1

9. Darren's layout options:

Design #3 Food recommendations through SophiaAI



Description:

- You talk to your custom SophiaAI that will help you choose the food for you. You can provide the details as to what you want and Sophia will find it
- This method will allow for more personalization and customization. People can give as many 'requirements' as they would like. Due to this being similar to Facebook Messenger, the learnability will be very high.
- The text bubbles will look similar to the bubbles on Facebook messenger
- The food information is in the same card design as design #1
- In the bottom, there's the same footer as design #1