

Project: Closetics

Team: 2_muzakr_3

Members: Ashten Finders (25%), Brayden Hayworth (25%), Niall Sharma (25%), Stas Bronevskiy (25%)

Actors

- Free
 - + Clothes limit: 15
 - + Outfits limit: 15
 - + Ability to Add and Edit clothes and outfits
 - + Access to Recommendations page and following other users
 - + Access to wearing history
- Basic
 - + Clothes limit: 30
 - + Outfits limit: 30
 - + All the features from Free
 - + Access to stats summaries / wearing habits
- Premium
 - + Clothes limit: unlimited
 - + Outfits limit: unlimited
 - + All the features from Basic
 - + Access to the leaderboard
 - + Cosmetic badge near the username

Non-Functional requirements

- Design user interface to promote quality user experience
- Application only needs less than 3-4 seconds upon requests to the backend
- Frontend should be responsive, minimize/optimize more taxing elements for user experience, less than one second response times
- Program should be built in a way that makes it easily maintainable and iterable for added features in the future

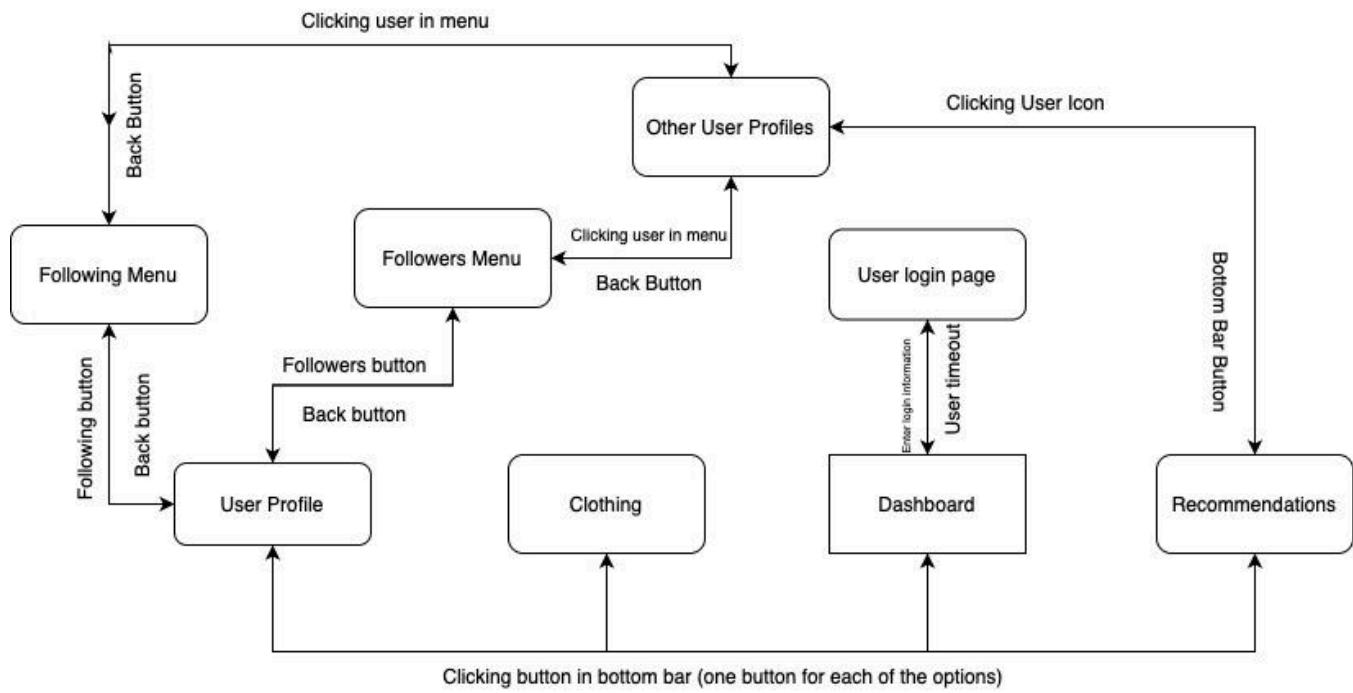
Tables

- clothing_table
 - Clothes_id
 - Brand
 - Color
 - Date_bought
 - Favorite
 - Image_path
 - Item_name
 - Material
 - Price
 - Size
 - Special_type
 - Type
 - Stat_id
 - User_id
 - creation_date
- clothing_stats_table
 - clothing_stats_id (PK)
 - high_temp
 - low_temp
 - number_of_outfits_in
 - times_worn
 - JOIN Table: clothing_item_days_worn
 - clothing_stats_id (PK)
 - date_worn
- outfit_items
 - outfit_id
 - clothing_id
- outfit_stats_table
 - outfit_stats_id (PK)
 - high_temp
 - low_temp
 - times_worn
 - JOIN Table: outfit_days_worn
 - outfit_stats_id (PK)
 - date_worn
- outfit_table
 - Outfit_id

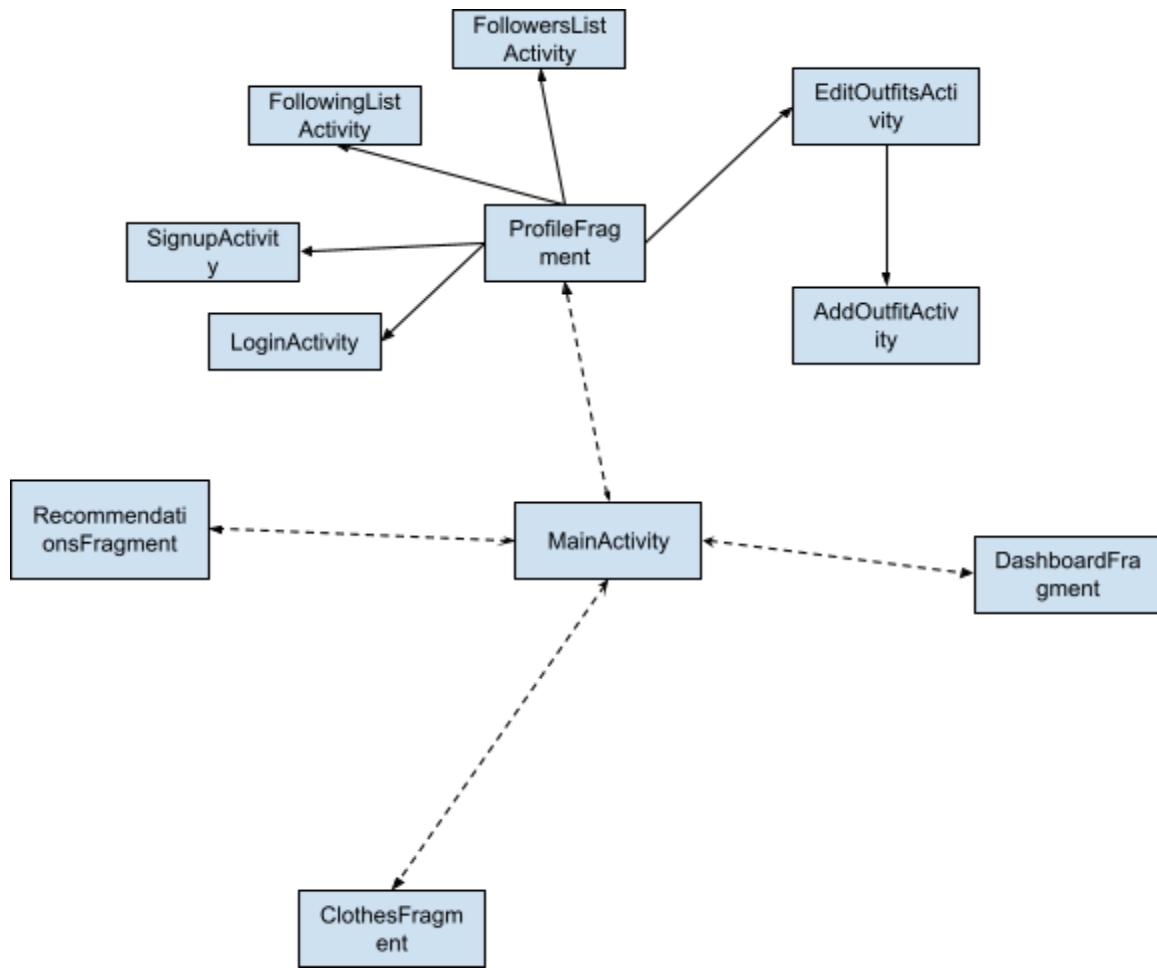
- Creation_date
- Favorite - boolean
- Outfit_name
- user_id
- special_types
 - Id
 - special_type_name
- types
 - Id
 - type_name
- stats_table
 - Id
 - Date_worn
 - High_temp
 - Low_temp
 - times_worn
- token_table
 - Token_id
 - Expriation_date
 - Token_value
 - user_id
- users_table
 - User_id
 - Email
 - Name
 - Password
 - Sqid1
 - Sqid2
 - Sqid3
 - User_tier
 - Username
 - Sqa1
 - Sqa2
 - sqa3

Screens Plan

General plan:



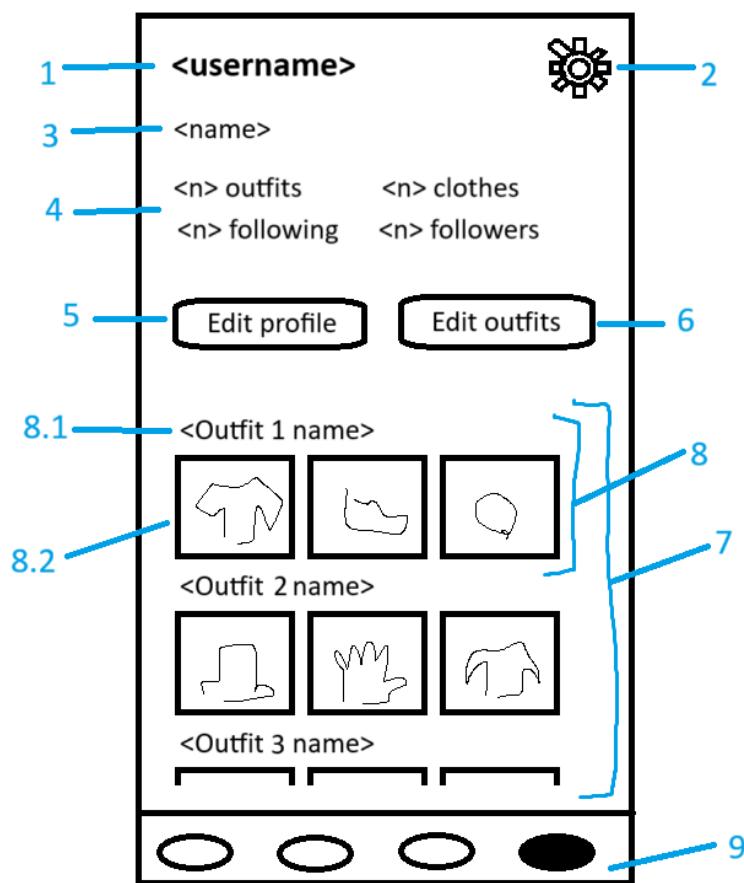
More technical plan:



- Dashed line: fragment inside activity
- Solid line: transition to a different activity

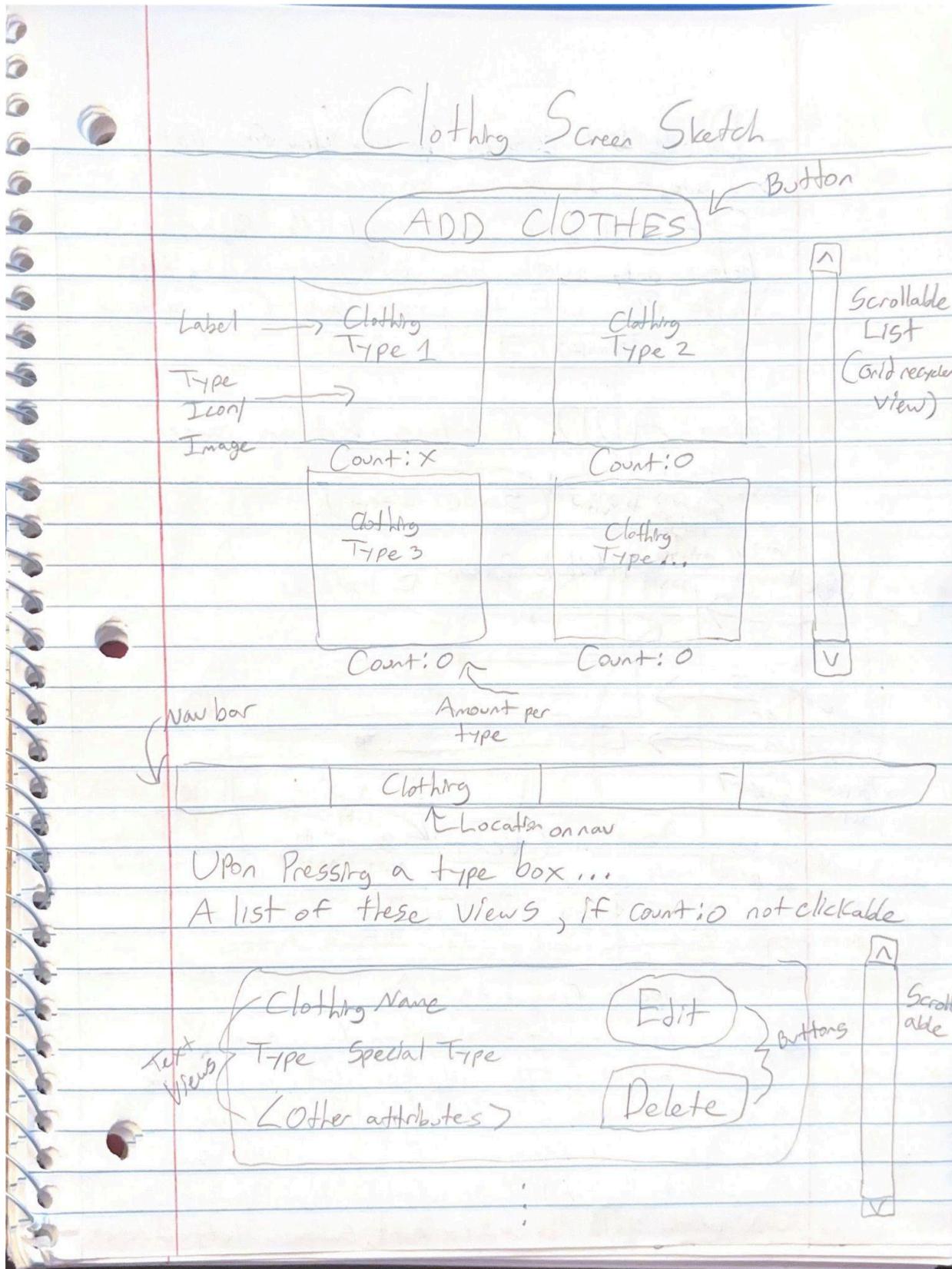
Screens

User Profile - Stas



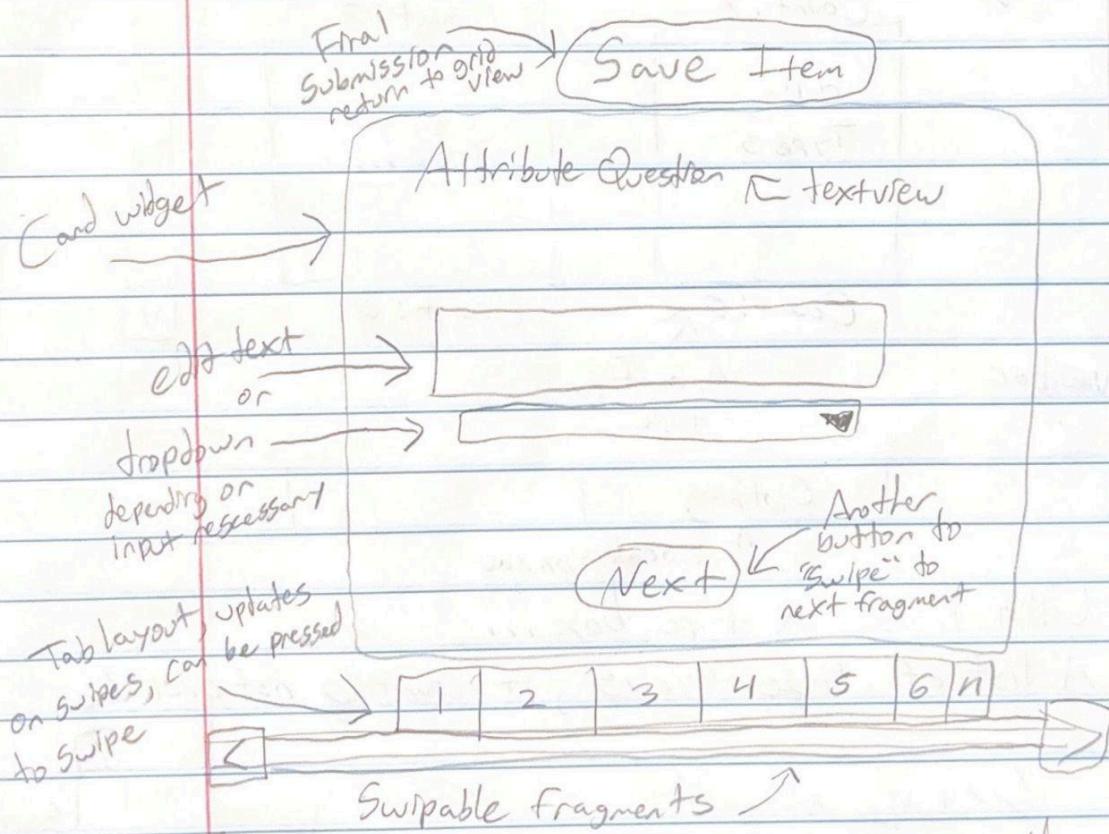
1. User's username at the top
2. Setting button, opens Settings activity when clicked
3. User's name (won't be displayed if empty)
4. Counters to show amount (<n> represent a number) of user's outfits, clothes, following, and followers (click "outfits" to open Edit Outfits page, click "clothes" to open Clothes page, click "following" to open Following page, click "followers" to open Followers page)
5. Edit profile button, opens Edit User page
6. Edit outfits button, opens Edit Outfits page
7. A scrollable Outfits view, displays all user's outfits
8. A single outfit list item, click to open Edit Outfit page for this outfit
 1. Outfit name
 2. Pictures of the items in the outfit (only first several pictures displayed)
9. Navigation bar with Profile page (rightmost option) selected

Clothing - Ashten



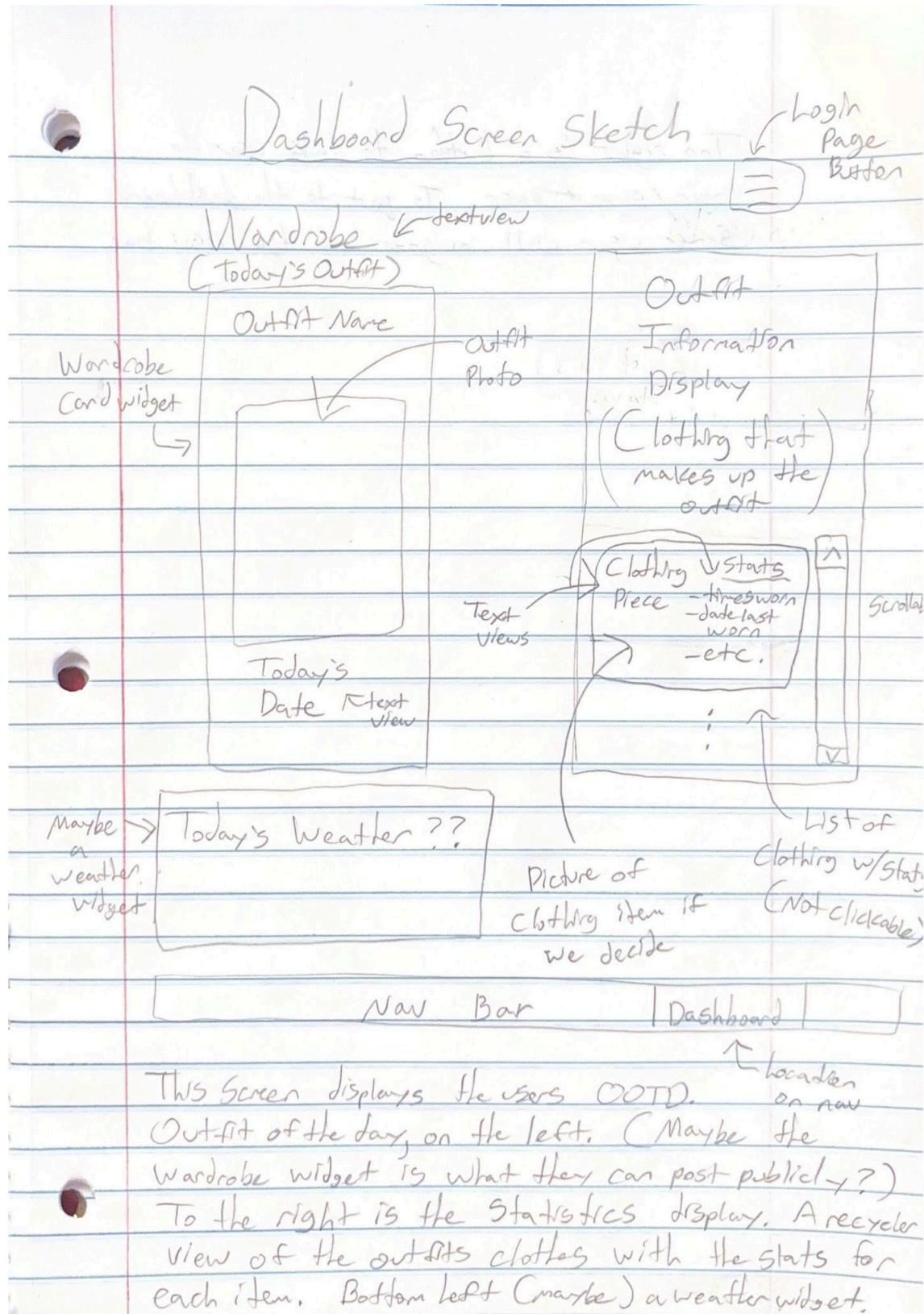
- Delete will remove clothing item from list and adapt while remaining on page.
- Edit will bring up identical View Pager as below, only with the edit texts having their fields filled with the proper data from backend
ex. [Blank] → [Red]

Upon ADD Clothes button press



Summary: Clothing has many fragments on top of the Clothing activity. The grid recycler view allows a user to view their clothes, edit and delete them. Adding and Editing clothes share the same fragment logic, editing is a child class. Very similar UI with field changes for edit, swipable left and right.

Dashboard - Ashton



Recommendations - Niall

Recommendations

The wireframe illustrates a scrollable feed of outfit recommendations. At the top, there's a header section with 'Username' and 'Date-made'. Below this, each recommendation card contains an 'outfit' thumbnail and a 'Picture' section. A wavy line indicates the scrollable area. Some cards also feature 'Maybe Stats?' text. At the bottom of the feed, there are four circular icons. A large bracket at the bottom groups these elements under the label 'Navbar'.

- This page is scrollable
- Everytime the bottom is reached the web socket sends more recommendations

Username Date-made

outfit Picture

Maybe Stats?

Username Date-made

outfit Picture

Maybe Stats

Navbar

This screen shows outfits created by both followed users as well as random users in a randomly curated feed. Design can be flexible as we can choose to add stats into the feed.

Following Menu – Niall

Following menu

Following Username

Following Username

Following Username

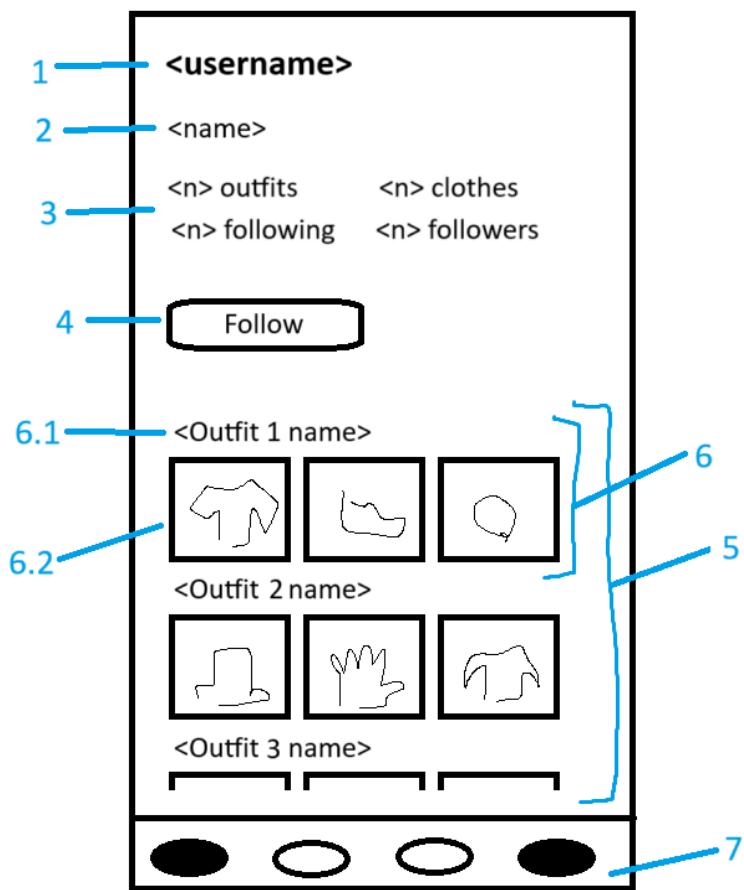
Following Username

Following Username

nav bar

This page is just meant to show who the user follows and gives them a way to quickly unfollow users. They can also click on the username to pull up their profile

Other User Profiles - Stas



1. User's username at the top
2. User's name (won't be displayed if empty)
3. Counters to show amount (<n> represent a number) of user's outfits, clothes, following, and followers (click "following" to open Following page, click "followers" to open Followers page)
4. Follow button, changes text to "Following" when clicked and back when clicked again
5. A scrollable Outfits view, displays all user's outfits
6. A single outfit list item
 - Outfit name
 - Pictures of the items in the outfit (only first several pictures displayed)
7. Navigation bar with page where you were before (likely Profile or Recomendations) selected

Leaderboard Screen - Brayden

Closet Valve Leaderboard		
	Username	Closet Val
1	User 1	\$15,000
2	User 2	\$12,500
3	User 3	\$10,000
4	User 4	\$9,900
5	User 5	\$8,200
6	User 6	\$7,400
7	User 7	\$4,200
8	User 8	\$3,900

NAV BAR

User Stats Screen - Brayden

User Stats	Back to home page		
Total outfit: 24	Other Stat:		
Total clothing pieces: 142	Other Stat:		
Total closet value: \$890	Other Stat:		
Most worn outfit: ("outfit name")	Other Stat:		
other stat:			
Overall Stats	Clothing Piece Stats	Outfit Stats	Wearing Activity

