Quick Closet Specification

Title/Author

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Overview

Closet organization and styling are the most difficult things to get right. From textures and colors, to style and hardware, there is so much to keep track of. On top of that, one must go physically through all of one's clothes in order to get the "perfect" outfit for the day. But what if you could accomplish this exhausting task with a single app? Once you add all your clothing items, tagging individual clothes with seasons, colors, and more, the algorithm will generate outfits for you, taking the stress out of looking presentable and getting you out the door quicker.

You can plan outfits, save outfits, and have fun seeing how you could wear different pieces to get the most out of your wardrobe.

You also have the ability to save links, pictures, prices, store names, and sizes for future reference of each individual item you save. One can create wish lists, gift ideas, and more. Not only is it convenient to have all of this in one app, but also efficient during holidays, as you have everything you need in one place.

Target Audience/Customer

People of all ages that are passionate about fashion and organization.

Scenarios

- (P0, outfit generator) Sam, a high school student, wants to find a causal outfit to wear to school. She opens the app on her phone, clicks the 'Closet' button, is taken to the closet page, clicks on the 'Generate Outfit' button, fills out the questionnaire, clicks 'Done', and looks through the generated outfits on the screen. Scrolling horizontally, she can star certain outfits she thinks look good. Once looking through all the original options, Sam clicks on the 'Starred' button and looks through the previously starred outfits to pick the outfit she will wear for that day. Every generated outfit has at the minimum a top, bottom, shoes, and accessary or outerwear. If she doesn't like the options given to her, she can click the 'Again!' button and the app will generate another set of outfits to choose from.
- (P0, add closet item) Carl, an avid shopper, just bought a new jacket from his local mall. He goes to the 'QuickCloset' app and clicks on the 'Closet' button. He clicks the 'Add Outfit' button and takes a picture of his new jacket. Once done, he is taken to another page where he selects the tags he thinks matches the jacket and adds a name to the item. Once done, he double checks the information inputted and clicks the 'Done' button. Back in the 'Closet' page, he can see the photo he just took next to the other photos he has already taken of his wardrobe.
- (P0, saved page) Tayshia, a photographer in a state of constant wanderlust, is planning her next trip to Italy. For the past few months, she has used the app to save outfits that caught her eye. Every time she wanted to add an item, she went to the 'Saved' page after opening the app, and clicked the 'Add' button, inserting a screenshot from her photo library, and filling in the name, link, size, store, and other text fields. Her trip is in a month, and she now needs to buy new

summer outfits, so she opens the QuickCloset app and goes to the 'Saved' page. Scrolling through the folders, she opens the 'Summer Inspo' folder and sees the various summer shirts, dresses, and shorts she has saved over the past few months. She clicks on a picture of a sundress and is taken to a page where it displays the photo, name, link, price, size, store, and any notes she had written down when she first saved the photo of the dress. She can then click on the link to order the item and remove the dress from her saved.

- (P1: search closet) Lucas, a minimalist, wants to check to see if he already has a navy-blue shirt in his wardrobe. He opens the app and navigates to the 'Closet' page. He clicks the magnifying glass and types in blue shirt. The app will show him all the items in his closet that have been tagged with blue and shirt. He scrolls vertically through all the items, confirms that he doesn't have a *navy* blue shirt and purchases the navy shirt he sees in front of him while shopping at Uniqlo.
- (P2, holiday formality) Sarah, a college student who likes to be festive, wants to find a costume in her wardrobe that is subtle enough to wear to school, but will be recognizable by her classmates. She clicks the new formality, 'Halloween!', during the outfit generator quiz, and then sees that the app has generated various "costumes" with color palettes similar to popular cartoon characters or people from pop-culture.
- (P2, settings) Katy, a perfectionist, doesn't like the way the 'Closet' page displays her clothes in a shuffled grid. Instead, she wants all the shoes, shirts, skirts, etc. to be together. To solve this issue, she opens the app and clicks on the gear in the lower right corner. Katy is taken to the 'Settings' page where she scrolls until she sees the 'Closet Organization' tab and clicks it. She is taken to the 'Closet Organization' page which has the option for the clothes to be displayed: with the most recently added items first, randomly shuffled, or grouped together. She chooses the grouped together option and specifies that she wants the items grouped by clothing type. Once done, she clicks the save button and can now see on the Closet page that the items are grouped by type.

Technologies Used/Why

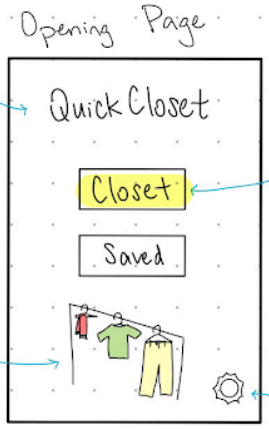
I want to make this app an iPhone App. I chose to develop it for the phone to be able to take and upload pictures easily. Images are important to my app and coding a phone app will make it so much easier to upload photos than a laptop. The app should be easy to access in any place; on the move or at home. Because of this, I chose the phone as it is the most portable device that most people have. I currently have an iPhone XR which is why I want to make an iPhone app, to be able to use it myself. I also plan to create an Android version in the future if possible.

I am planning on using Swift and Xcode to create my app. This is because I want to publish my app in the Apple App store and Swift is easier to learn than Objective-C from what I have researched (Objective-C and Swift are the two most common languages used to write apps for the Apple app store). Also, Xcode has an easy developer environment with simulations for all Apple devices which is convenient to test on.

Design/Why

Scroll down to see sketches

Sam's Scenario

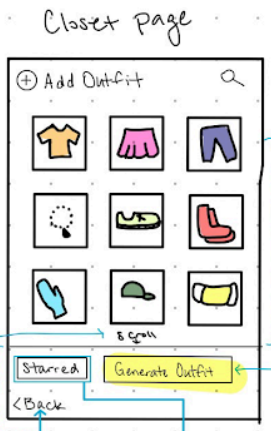


Name of App

Button that takes you to closet page

Icon/ drawing

Settings



Display of all the clothing the user has added

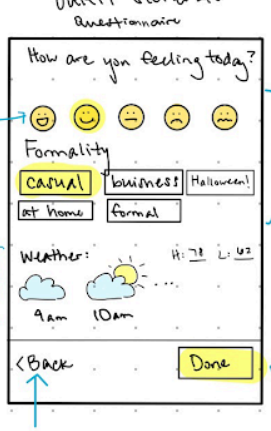
Scroll vertically down to see more pieces. Smoother scrolling and easier to navigate

Button that will take you to the outfit generator questionnaire page

These buttons don't move are you scroll, stay at bottom of screen

Takes you back to opening screen

Takes you to starred outfits page



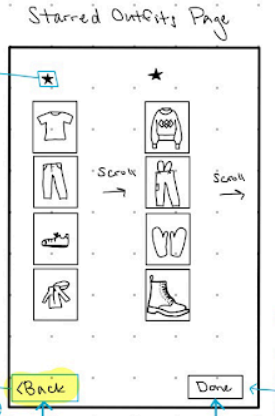
Emojis

All buttons that will have their values imputed into the algorithm once 'Done' is clicked

Taken from weather api

Always at bottom of screen. Doesn't go away when you scroll up/down

Takes user back to closet page



User can un-star outfits which will cause the outfit to disappear

Takes user back to generated outfits page

Takes user back to closet page

Might change name of buttons for clarity

User can "star" certain outfits for review later

Outfits will have at least a top, bottom, and shoe. Depending on the user may have accessories such as jewelry, hat, or gloves.

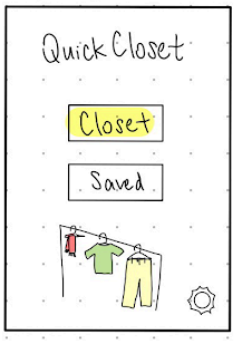
Takes the user back to the closet page

If the user doesn't like the outfits generated they can click the button to have the app generate more outfits. It will keep track of the starred ones for reference

Takes the user to a new page with just starred outfits. Starred outfits won't be un-starred until the user themself does it.

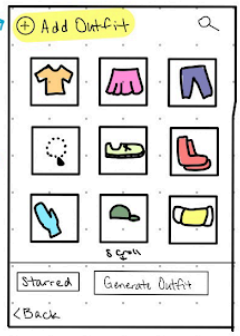
Carl's scenario

Opening Page



'Add Outfit' button on top of page to make it easy to add new items to wardrobe

Closet Page



When 'Add Outfit' is clicked

Can take a photo or upload one from library

Back page is grayed so that the focus is on the pop-up

Photos are key to my app, I want the user to be able to see all the items they have in their closet

Once photo is taken/uploaded:

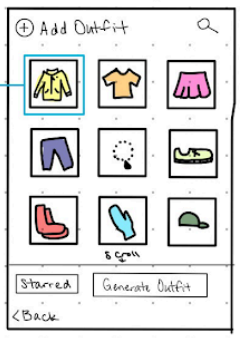
Can click the back button to change the photo uploaded or cancel the process

Photo thumbnail

The user can choose as many tags as they like. (On/off buttons)

Once the user has filled out the page with the info they want, they will click 'Done' and the app will save all the inputted info

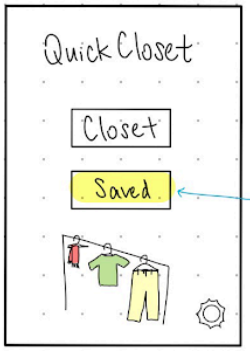
Closet Page



Coat now shows up as most recently added item, shifting everything over one space

Tayshia's Senario

Opening Page

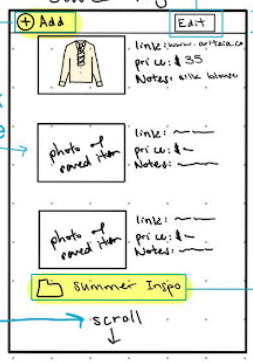


Button that takes you to 'Saved' page

Button that takes user to 'Add Saved' page to add item to be saved

Allows user to change arrangement of items and add/ remove folders

Saved Page

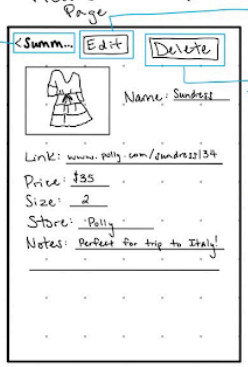


Menu bar stays on top and doesn't disappear as user scrolls

User can click on items to be taken to a 'View Saved Item' page

Will be the last folder that was opened

View Saved Item Page



Allows text boxes to be modified. Pop-up page will look like 'Add Saved' page

Removes saved item from folder

Previously inputted data

For greater organization, the user can create folders to section together saved items

Vertical scrolling to make the items easy to view in a row

Add Saved Page

Takes the user back to the 'Saved' page

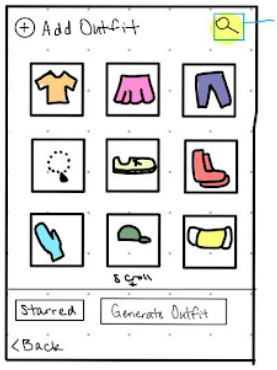
Saves all the info inputted in the text boxes

Stored as fields in a saved class

Lucas' scenario

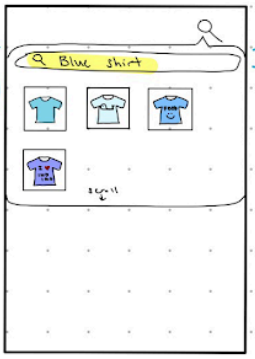
Opening Page

Closet page



Search feature that will look through tags and show pictures or items that match key words

Pop-up window above the closet page

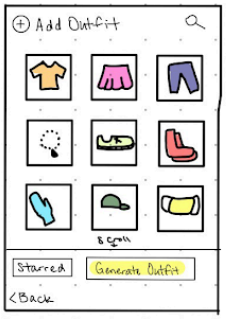


Takes each word typed in search bar and checks to see if it is a tag. If so, looks through the closet to find all items with all tags typed into the search bar

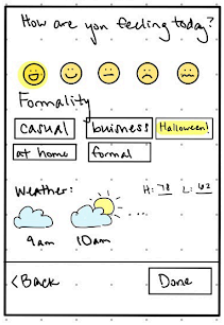
Sarah's Scenario

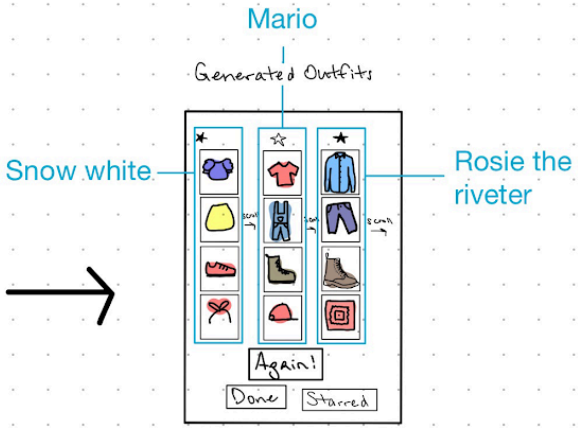
Opening Page

Closet Page



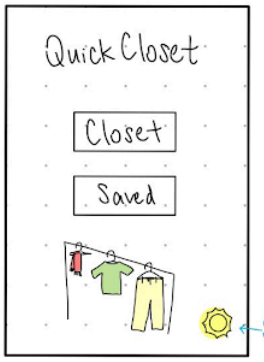
Outfit Generator





Katy's scenario

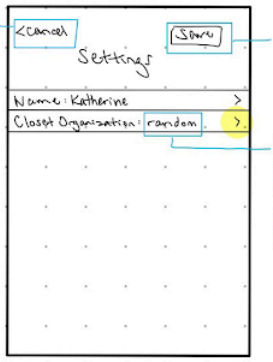
Opening Page



Settings

Settings Page

Goes back to opening page

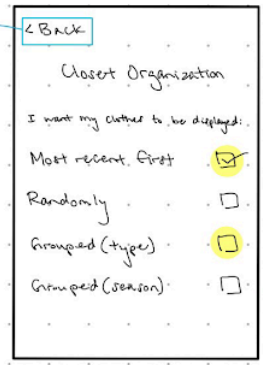


Updates fields that were modified

Will update if modified before save button is pressed

Closet Organization Settings Page

Goes back to 'Settings' page



Check boxes or boolean buttons

Outfit Generator

Again!

Done