1. Smart Hanger: Hanger that tracks data of clothing, how old is it? Is it comfortable? What does it look good with? When was it last washed?
2. "Pick this out for me" closet app: An app that allows users to generate random outfits from their closet based on event / mood / the weather.
3. Robot Closet (Personal Stylist): A virtual interaction between user and a personal style "guide".
4. Outfit Generator App: User can save favorite outfits, make an "ideal" wardrobe, search other people's outfits (more of a social media outlet).
5. Vending Machine Closet: A closet that uses mechanical arms to pick out your outfits
6. Virtual Try Things On: A holographic closet where users can virtually pick out outfits and see how they look.
7. Clothing ID / goes on key ring: (or a QR code) scan at a store, on your phone for an app maybe, etc.
8. Smart Store: whole new idea for a clothing store experience. "Self-serve store" kind of like how frozen yogurt shops are. Customers come in and scan their "ID's", are shown what "booth" to go in and can purchase/try on their outfits right then and there and have suggested outfits put together for them.
9. Online Avatar outfit tester: Users can scan items in store without actually "trying them on" or can employ different outfit combinations without having to physically try each item on.
10. Item inventory: something that can keep track of all your existing clothing and what you have matched before and notes
11. Color matchers: sorting by color, seeing what works and doesn't work
12. Recommender: finds clothing similar style to what you own
13. What are your friends wearing: takes highlights from friends outfits
14. What matches: match occasion to certain items (adds tags)
15. Outfit of the day (physical): a physical object (Like a hanger) piece that helps arrange all the outfits of the week before hand
16. Outfit of the day (software): an interface piece that helps arrange all the outfits of the week before hand
17. What they want you to wear: have family/friends anonymously send you suggestions
18. Tinder for clothes: swipe up if you like the outfit, swipe down if not your style, generates list of stuff you like
19. Pandora closet (emotion recommender): picks outfits based on emotions you want to convey
20. Your ideal closet: tracks what you want and where to find it/sales prices
21. Laundrometer. This laundrometer is a physical meter that can be stitched into clothing that will change color based on if your article of clothing is dirty or not.
22. Laundry thread: puts a "indicator" thread in your clothes discretely to see when it needs to be washed
23. Social media closet: your profile is what you own and "friends" can put together outfits.
24. Laundry sorter. This laundry sorter machine will allow you to drop any article of clothing inside and detects what type of clothing it is and what its color is.
25. Google Glass for Clothing Stuff: facts about clothing items that "pop-up" in your view while shopping in a store. Price, size, availability, etc.
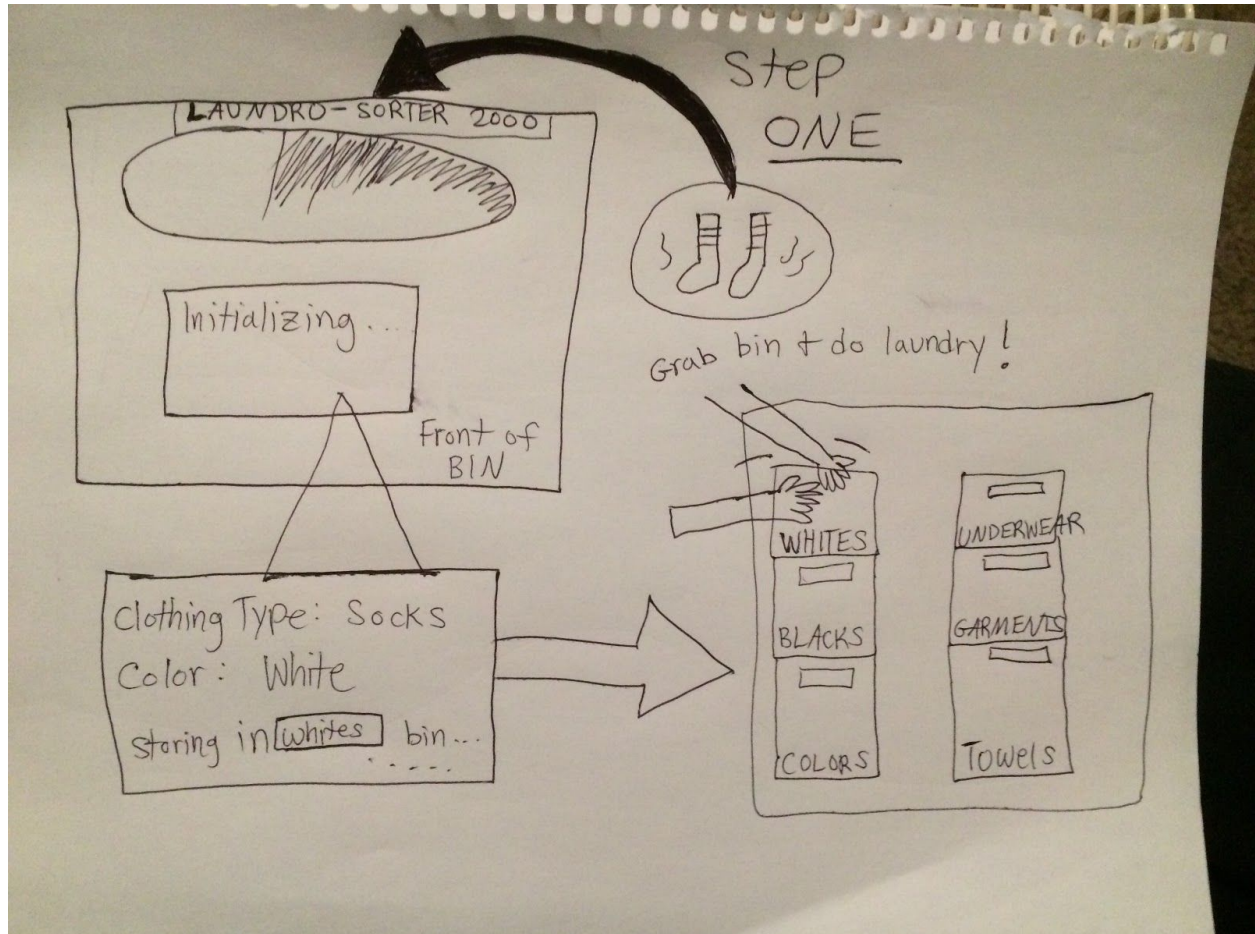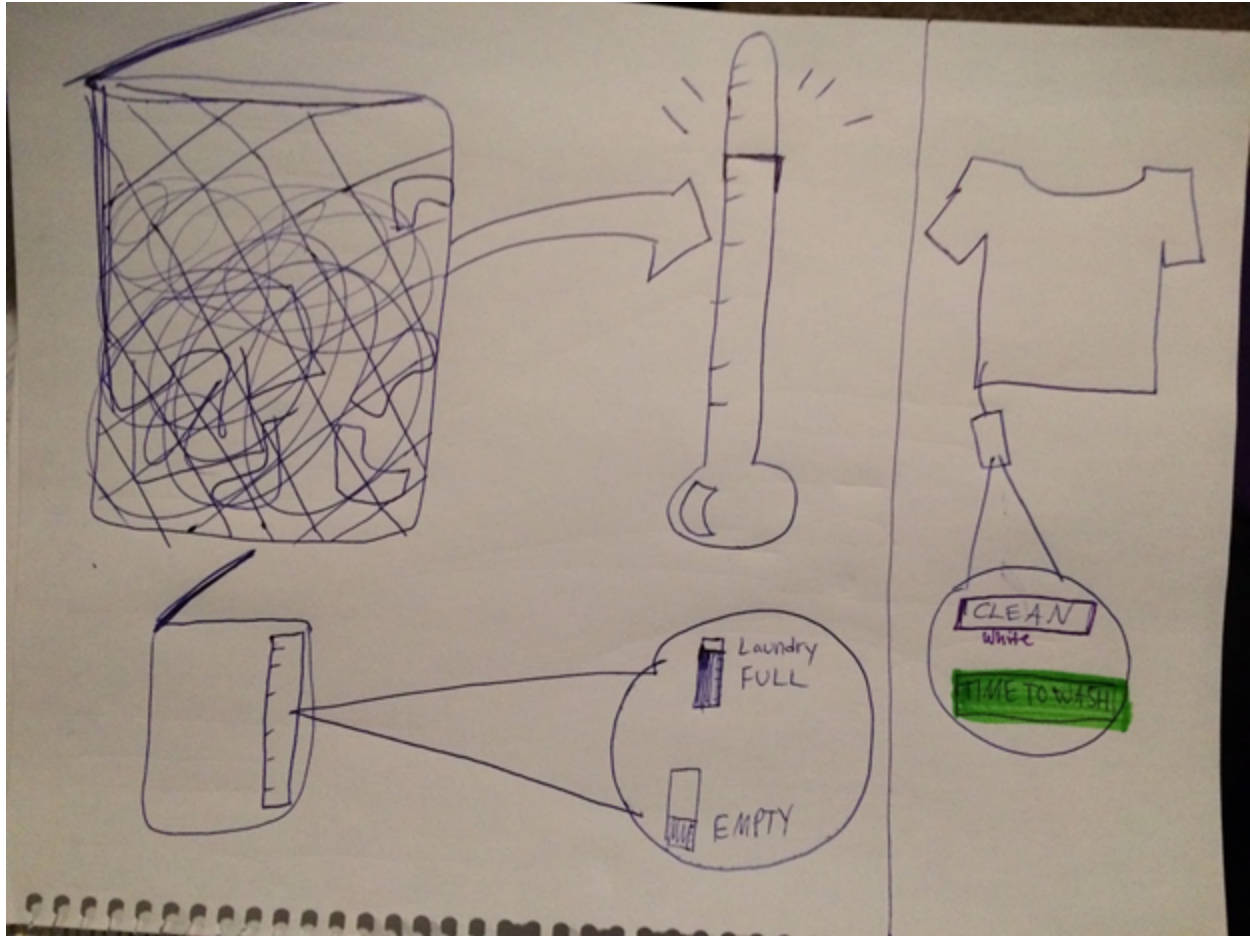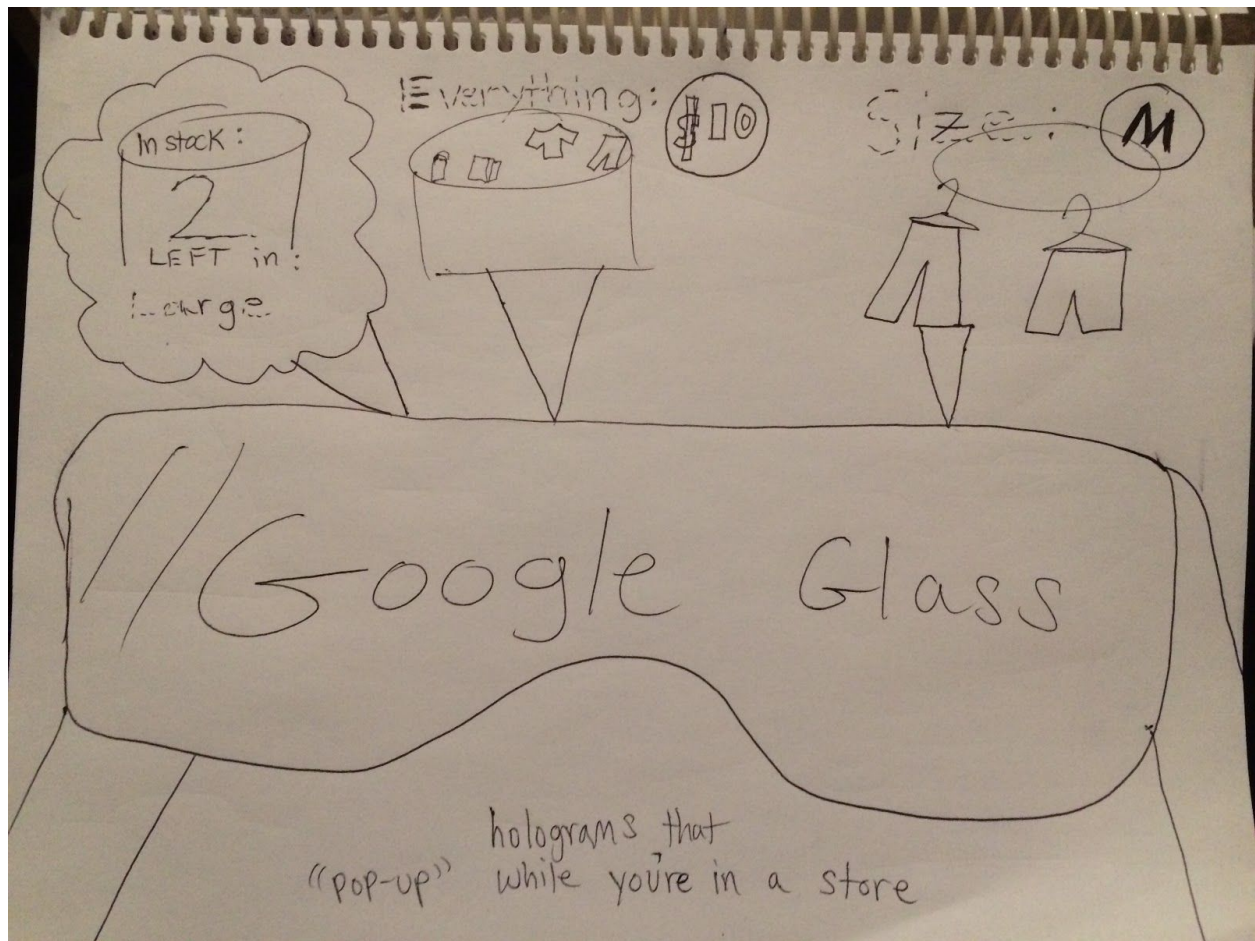
SKETCHES:

Grace
Kristen
Joe

Laundry Sorter

This laundry sorter machine will allow you to drop any article of clothing inside and detects what type of clothing it is and what its color is. After scanning for these details, the laundry sorter will physically move that article of clothing to its own organized separate bin to be washed together with whatever other clothes it adds into it when it comes time to doing laundry.
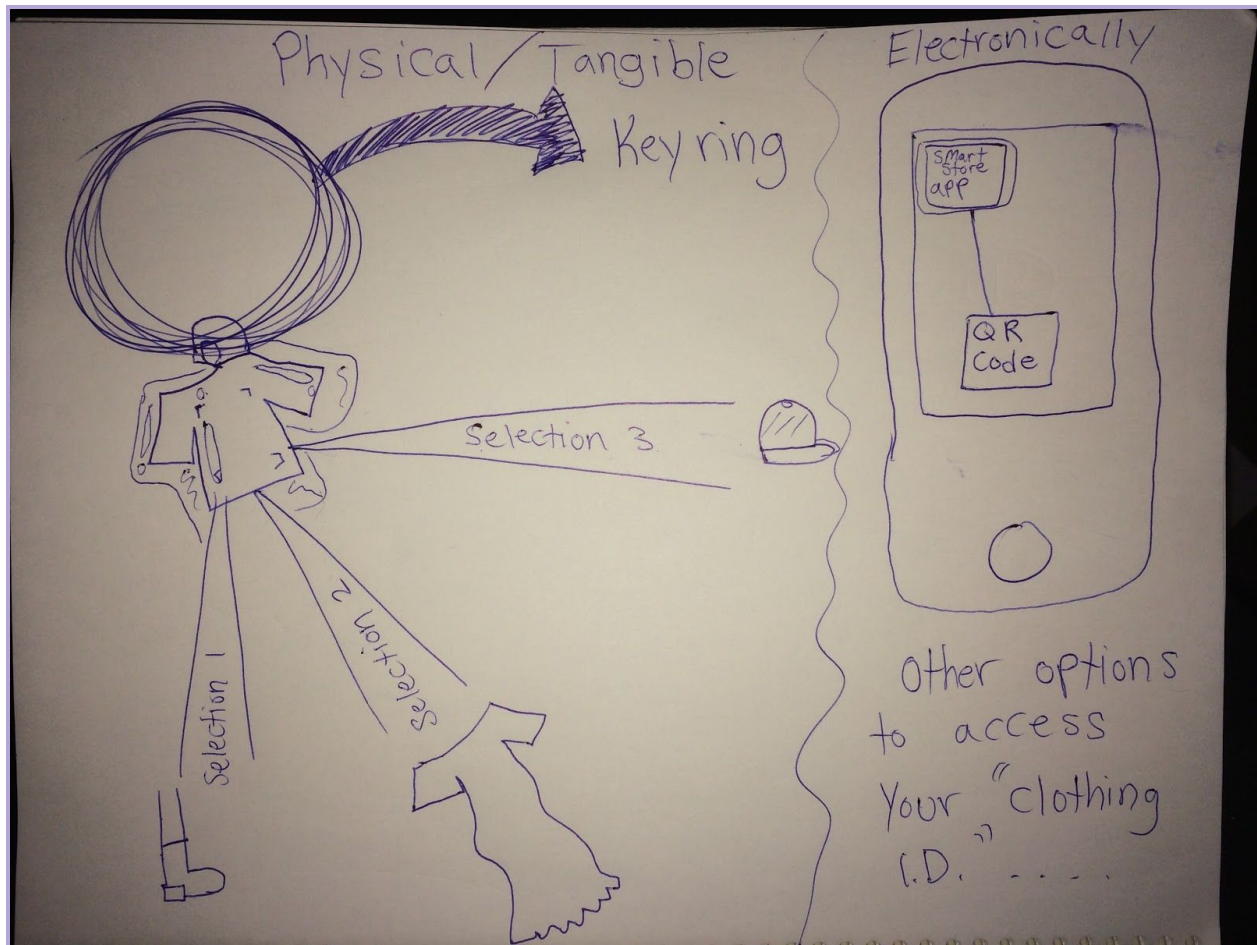
Laundry Meter

This laundry meter is a physical meter that can be stitched into clothing that will change color based on if your article of clothing is dirty or not. The white color on the meter indicates when your article of clothing is clean. When the meter turns green, it will inform you that it is time to wash it. This addition to clothing may help with reminding others to do laundry if they don't have enough outfits for the rest of their week.

Google Glass for Clothing Stores

This feature incorporated while using Google Glass (or with our own version of Google Glass) is specifically designed for clothing. The holograms that would appear on your Google Glasses while shopping in a clothing store would consists of "pop-up" facts about items your view while shopping in a store that would inform you instantly of things like the price, size, and how many are left in stock in that store.
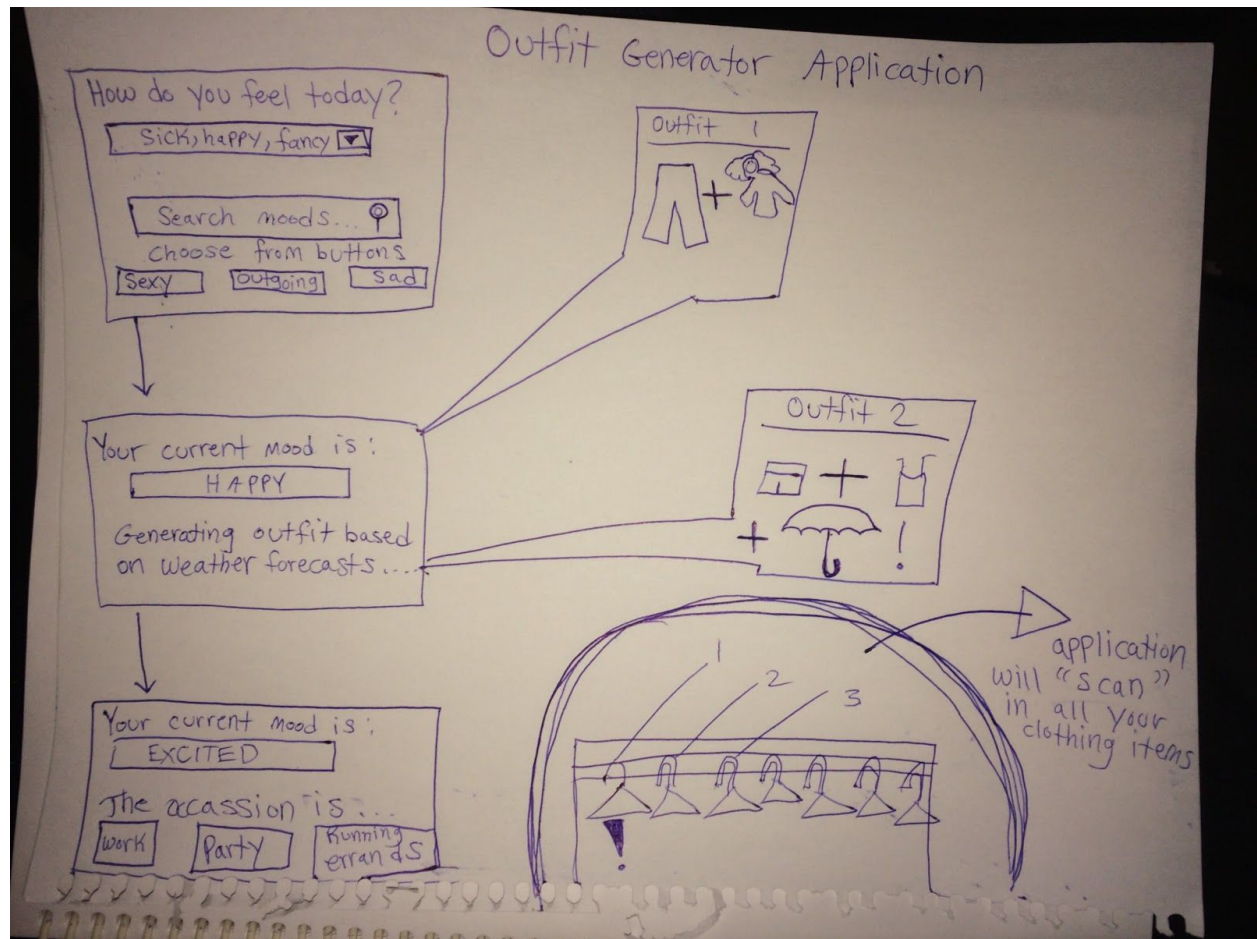
Clothing ID / Key Ring Object

Users can purchase a "Clothing I.D." that could hang off their keyrings to use while shopping in a clothing score. The "Clothing I.D." would be scanned automatically after walking in the store (via bluetooth or mobile app) and provide you with information on your shopping preferences, suggested outfits, pre-bought outfits ready to be picked up, etc. This clothing I.D. can also be used on your phone as an application that provides you more even more information and preferences such as outfit suggestions.
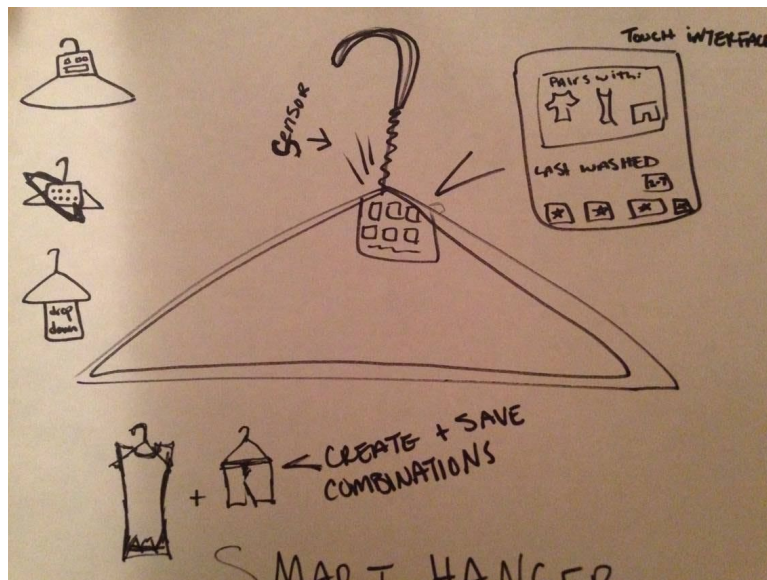
Smart Store

A whole new idea for a clothing store experience. This is a "self-serve" store kind of like how frozen yogurt shops run where you don't actually need someone to fill up your bowl of ice cream and can do it yourself. Customers will walk into this smart store, scan their "Clothing I.D.'s", and then be directed to which private booth they need to go into. The setting of this would be similar to the layout of a tanning salon. Once a shopper is in their private booth, all of their outfits they favorited ahead of time online that they were interested in purchasing are all set up on a rack in their booth. From there, they are then able to try on everything to make sure it fits and if they like it. They will also have the option to go over to a table where a personal robot stylist can organize your picked out clothes into trendy ideas or suggestions on how you should wear the clothes or what else you can pair them with. Once the user has made up their mind, they will be able to use their own self checkout register to purchase their clothes and leave with them that same day.
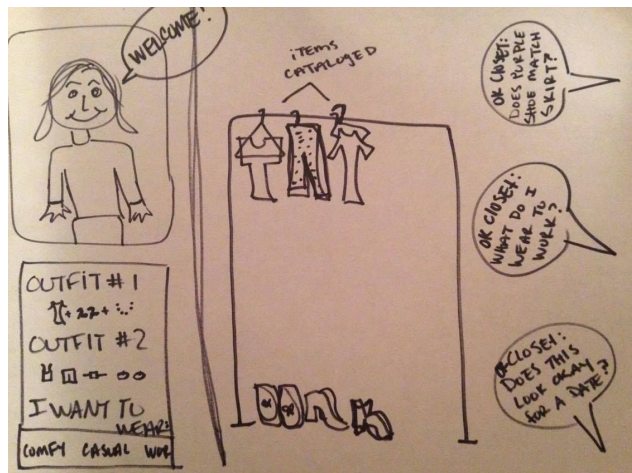
Outfit Generator Application

An application that chooses your outfits for you based off of the current inventory in your closet based on your mood that day. The application works by generating random outfits from your closet based on your event, mood, and weather forecast.
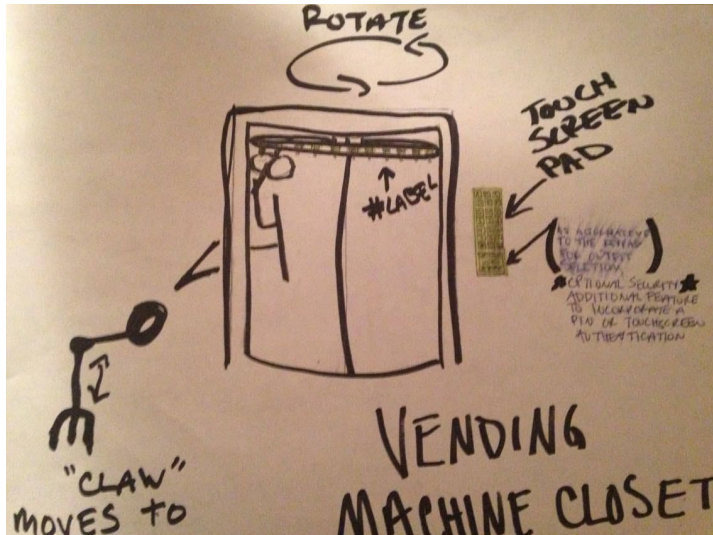
Smart Hanger

This is a hanger that tracks data of clothing. User can use an interactive keypad to record how old the clothing item that pair well with this peice, record last wach dates etc. This hanger could also feature an alert, that tracked how many times the clothing item was taken off the hanger and worn.

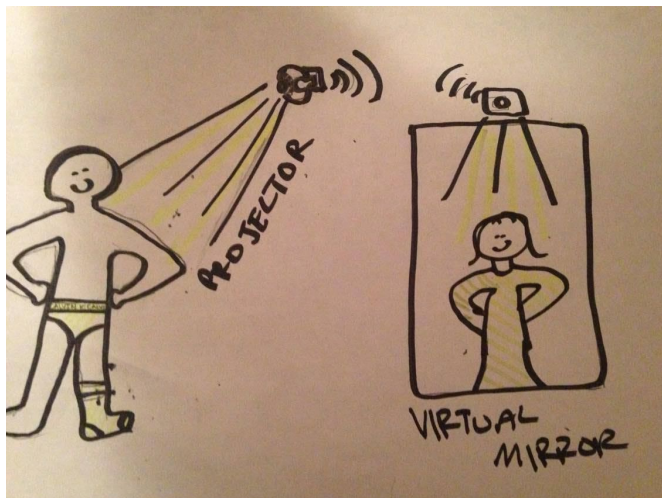## Robot Closet (Personal Stylist)

This virtual robot closet would be the user's personal stylist. The user could interact with their closet and gain fashion advice, or have a virtual "personal stylist" pick out their outfits for them. The interface would feature a robot interface that interacted with users, much like a "siri" for fashion advice. The stylist would gain information from the items in the users closet and stay up to date on fashion trends and creative clothing combinations.
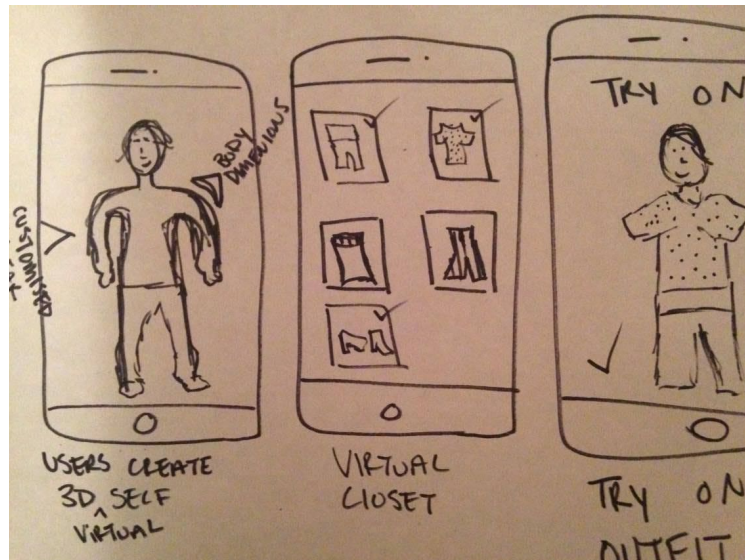
Vending Machine Closet

This design would feature a rotating mechanism that picked out your outfits for you. This would save space and be very organised. Users would be able to type in combinations codes assigned to each clothing item, and then the closet would manually pick out the clothing item for them. The carousel design would flip through clothes and make it easy for users to see each item in their closet, so nothing is left behind or forgotten.
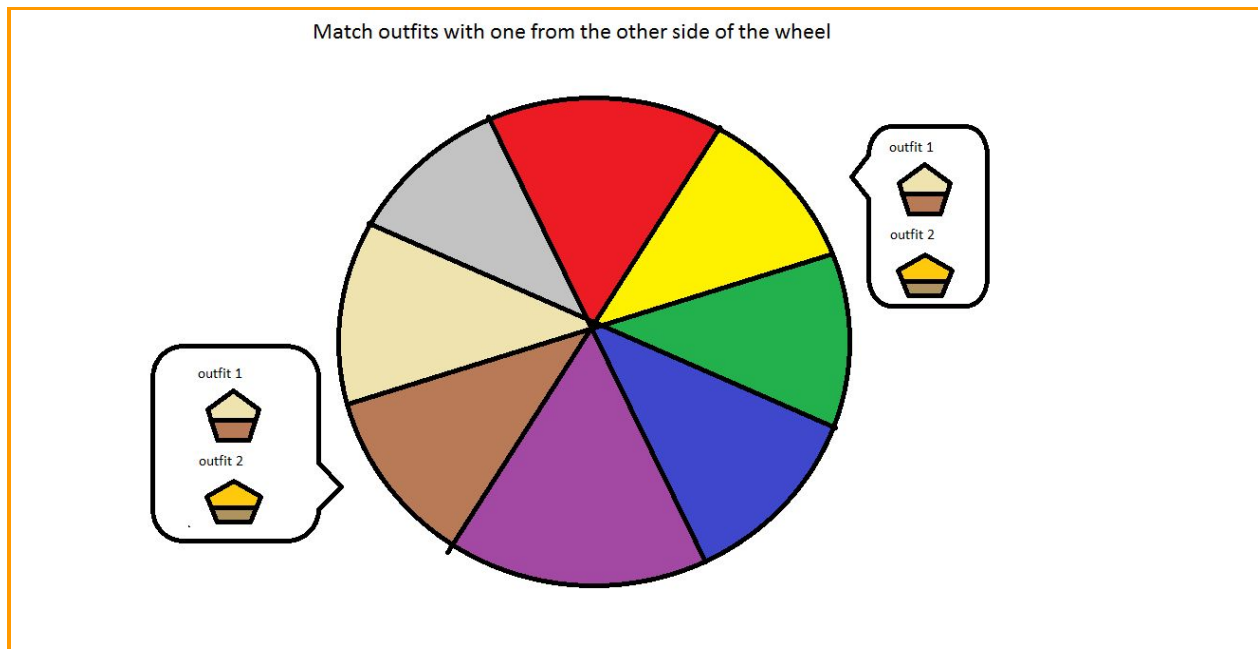
Virtually Try Things On

This technology would allow for users to see how an outfit looks without putting in all of the work to change their clothing combinations until they find a match. Using holographic and projection technology, users could stand in front of a mirror while the virtual "outfits" are projected onto their body. Users could swap out different items of clothing from one another to find new and interesting clothing combinations.
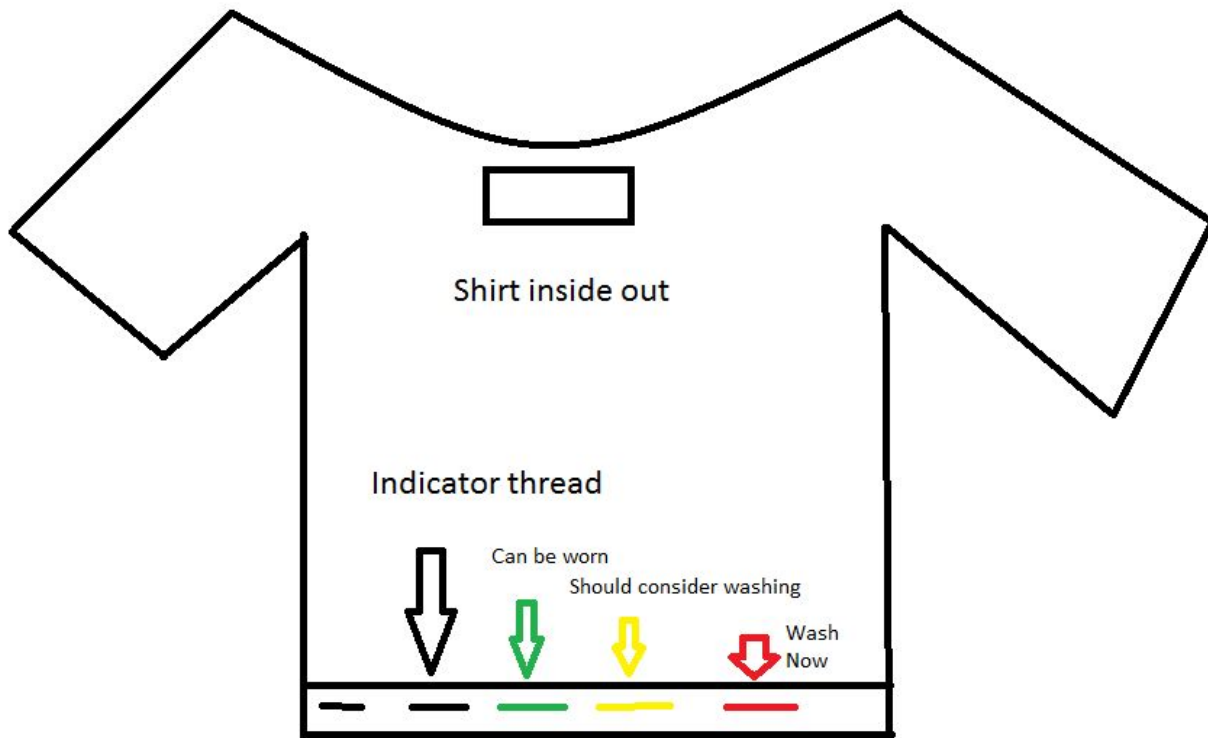
Online Style Avatar

Users can scan items in store without actually "trying them on" or can employ different outfit combinations without having to physically try each item on. Users would use an app interface to create a personalised "avatar" of themselves and can then try on new styles and put together outfit combinations to dress their virtual self. This could easily become a game or a social media. For example, you could dress your friends or rate outfits, make shopping "wish lists" etc.

Color Matchers

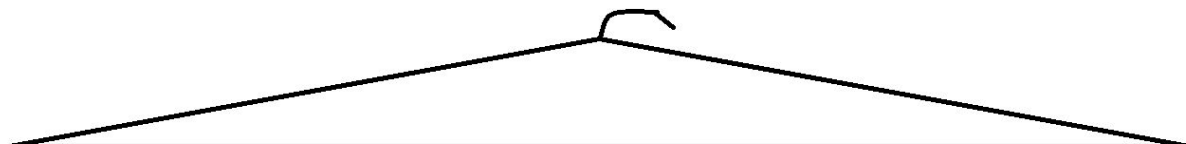Match outfits with one from the other side of the wheel

Pick clothing based on opposite sides of the wheel to see what pairs well with what. The user would have to give the program all their current inventory and the program will sort by color and using color theory would pick stuff that goes together. Helpful for those who don't exactly understand which colors work well. Can also tap the color on the wheel to get example outfits

Laundry thread

Shirt inside out

Indicator thread

Can be worn

Should consider washing

Wash Now

Shirts would have a special thread running through the bottom or somewhere discreet that uses color to indicate how clean it is. Thread would have to chemically react to compounds that would generate odor and respond according to how strong the odor is. Similar to safety threads in climbing rope. This would give an immediate knowledge on whether laundry needs to be done.

Outfit of the day

Pants/skirt area				
Shirt area				
Underwear drawer				

This is a physical hanger that would be similar to a garment bag with 7 compartments in it. This can be used to plan out all the outfits needed for the week. With special areas for designated clothing. The underwear can be discretely hidden with a flap. Can also be used to protect clothing from dust and spills.

Pandora's closet

Step 1: give it the list of all your current clothing
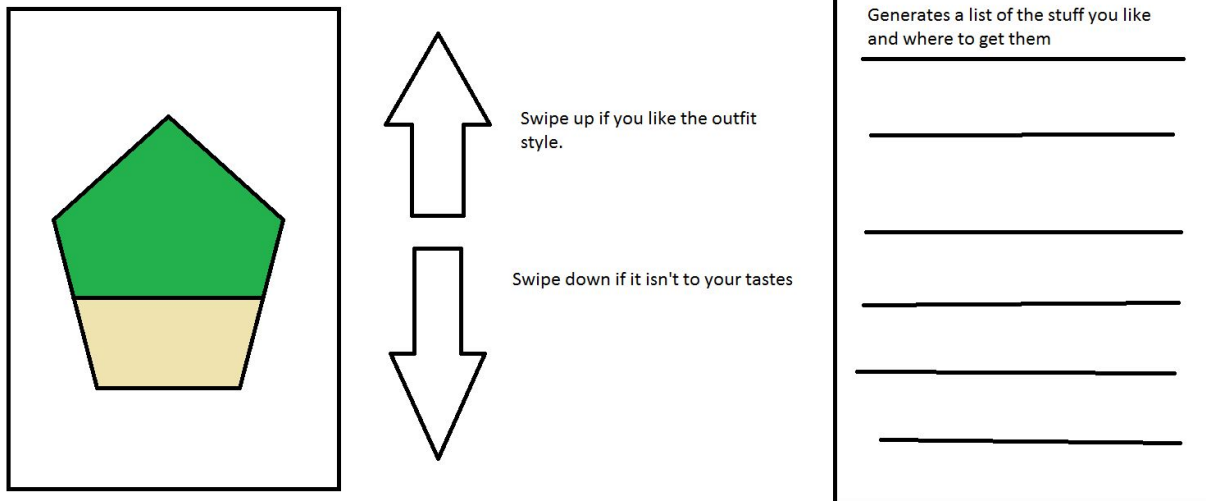
Step 2: give it an emotion

I'm feeling happy

I'm feeling formal

I'm feeling trendy

Step 3: it will generate a list of things you own that fit the emotion

Similar to music playlist website pandora radio, you give the program an emotion or like a type of occasion. The program then scrolls through your inventory and picks out clothing that either you tagged or it determined would be appropriate. Users can then look through and find what exactly they would want.

Tinder for clothes

Generates a list of the stuff you like
and where to get them

_____

_____

_____

_____

_____

Swipe up if you like the outfit
style.

Swipe down if it isn't to your tastes

Very simplistic interface to recommend clothes. People can see outfits then swipe up or down to indicate whether they want that style or dislike the style. People could get queues of around 20 to swipe up or down. Afterwards you could view a list of all the different clothing you have liked in the past. Similar to steam's queues system for recommending games.

Your ideal closet

list of stores and prices

You could bookmark different clothes that you see online or in store and then the program would track the price and availability of that item until you take it off or indicate that you purchased that item of clothing. You could sort clothing by style, occasion, color, or price.