

# Wardrobe Wizard

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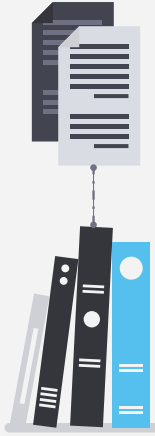
# Project Description

## Style made easy.

Spend less time deciding what to wear and let the Wardrobe Wizard decide for you! Once registered for an account using our login system, each user has a closet where they can upload articles of clothing, or what we call 'pieces,' into their digital closet.

These pieces are displayed to the user in the Saved Pieces page, organized by category. Individual pieces can also be deleted from a user's closet, via the Delete page (accessible through the Saved Pieces page).

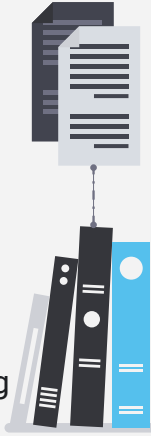
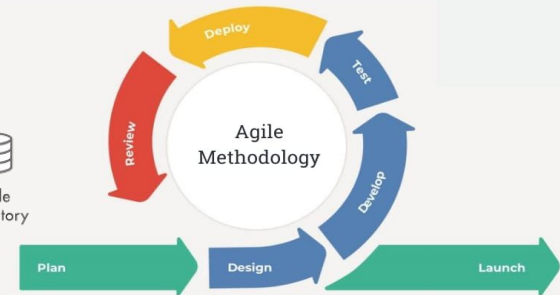
Pieces are also used by the user to make outfits, which are displayed in the Saved Fits page, as well as generating recommended outfits on the Home page. The home page also displays the current weather, which gives context to any outfits generated based on the weather.



# Tools Used

- GitHub (5) - used for project boards, as well as an intermediary for grabbing code from each others workplace
- VsCode (5) - used as the platform to write all of our code
- Local Host (5) - used as our test application to see changes made in code
- HandleBars (4) - helpful in templating pages and keeping track of how they should be structured
- Docker (4) - allowed us to build, test, and launch the code, also served as an intermediary for shipping code back and forth
- Lucid (4) - use case diagram and wireframe creation
- HTML (4) - design the layout of every page
- PostgreSQL (3) - used to test connection to database, login/logout functionality
- Weather Widget (3) - display the weather on the home page

- Methodologies
  - Agile
  - Peer Code Review





# Challenges

## Adding and displaying images of the clothing

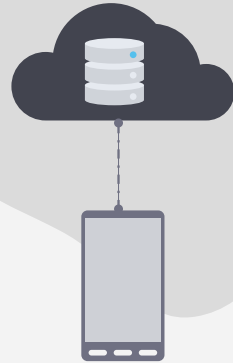
For the majority of the project, displaying the clothing a user added was a huge issue for us. Figuring out how to save an image into the database and then showing it to the user was not easy.

## Storing users closets across multiple sessions

One issue we encountered was storing user changes across multiple login sessions. When a user would add for example a new clothing category, it would save the next time the logged back in.

## Working on too many things at once

The biggest issue we encountered was all working on different things at once. We got a lot of base code for everything, however for a while the mvp was not completed.





# Individual Contributions

## Jesus:

Created the login/register pages and created the different API calls to manipulate user data

## Parker:

Worked on the saved outfits page, designing the layout and functionality. Contributed on the general homepage layout

## Kevin:

Worked on the add pieces function, as well as adding the weather API. Also created all the docker setup and initialization.

## Darwin:

Worked on the delete pieces pages and added the password requirement feature and contributed to the navbar.

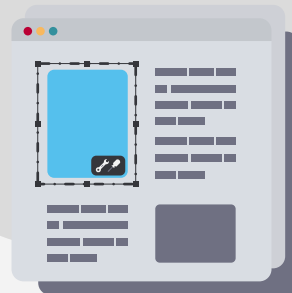
## Elsa:

General template for the savedpieces page, and contributed to adding pieces (form + backend)



# Project Tracker

<https://github.com/users/JNajera7/projects/1>



JNajera7 / Projects / Recitation-015-Team-04

Q

Type / to search

>

+

⌂

⚙

📧

🔧

🌐 Recitation-015-Team-04

Add status update

✓

📄

⋮

📄 View 1

+ New view

Filter by keyword or by field

Discard

Save

🔵 Ice Box 5

⋮

Items not currently being worked on in the sprint

🟢 Repository-015-Team-04 #32

Index Page

🟢 Repository-015-Team-04 #22

Display filtered results on given page

Filter

🟢 Repository-015-Team-04 #17

Filter by Attribute for Suggested Fits

Filter

🟢 Repository-015-Team-04 #14

Randomize based on weather

Weather API

🟢 Repository-015-Team-04 #11

+ Add item

🟢 Todo 7

⋮

This item hasn't been started

🟢 Repository-015-Team-04 #29

Store User Credentials

Register Page/Settings 3

🟢 Repository-015-Team-04 #21

Categorize Added item

Add Pieces

🟢 Repository-015-Team-04 #18

Display Suggested Outfits

Suggested Fits 3

🟢 Repository-015-Team-04 #10

Delete Pieces

Remove Items 4

+ Add item

🟡 In Progress 2

⋮

This is actively being worked on

🟢 Repository-015-Team-04 #12

Randomize Function

Randomize

🟢 Repository-015-Team-04 #34

Add foreign keys/restraints between SQL tables

Database 4

+ Add item

🟡 Done 19

⋮

This has been completed

🟢 Repository-015-Team-04 #38

Create POST API call to save clothing into the database

Add Pieces 5

🟢 Repository-015-Team-04 #37

Redesigned UI for Login/Register pages

Login/Register 5

🟢 Repository-015-Team-04 #25

Removing user login data in case of Account Deletion

Register Page/Settings 4

🟢 Repository-015-Team-04 #15

Categorize outfits

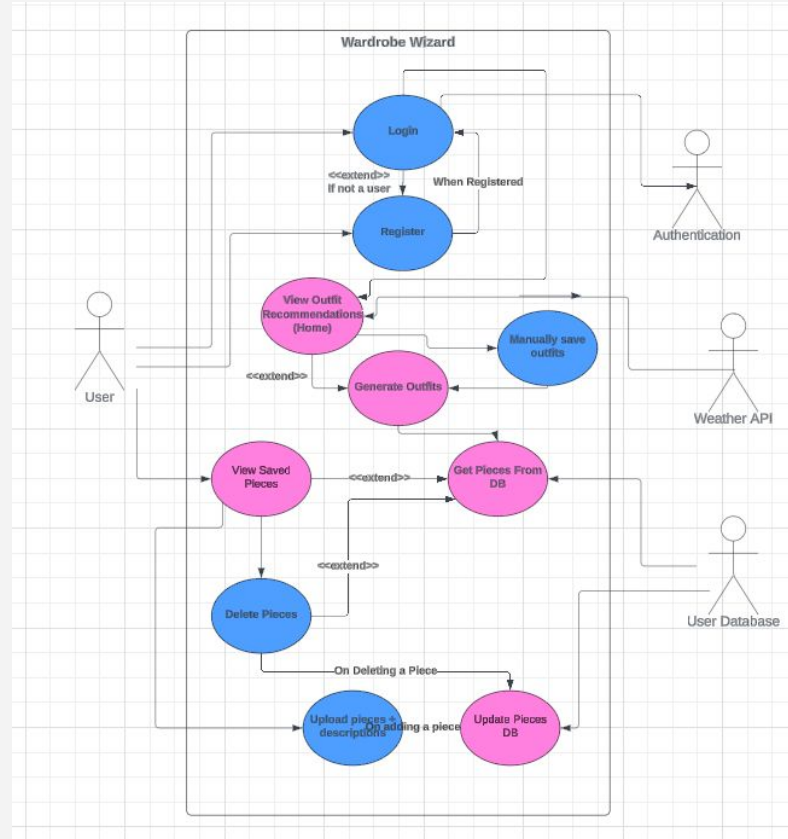
Suggested Fits

+ Add item

# Use Case Diagram

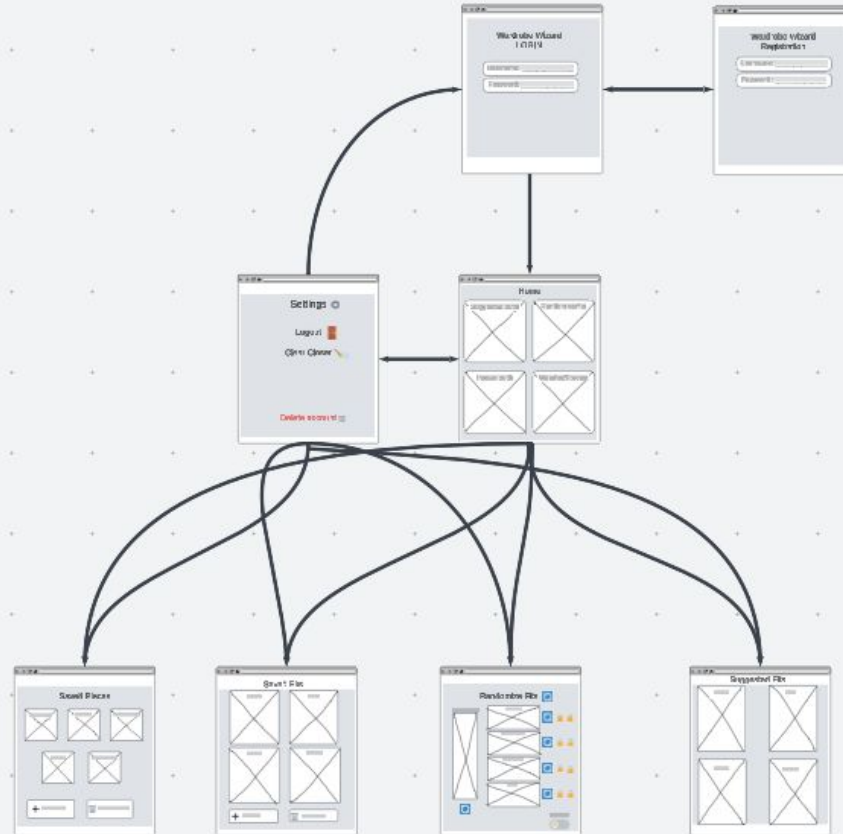


## Use Case Diagram



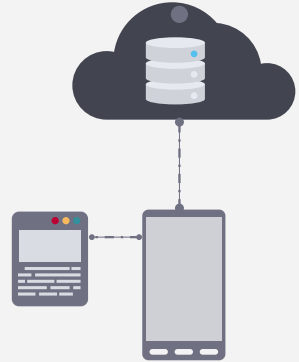
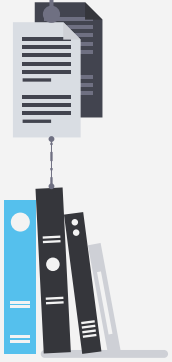
# Wireframe

## Original Wireframe





# Live Demo



## Wardrobe Wizard

### Login

Username

Password

Login

New to the Wardrobe Wizard? [Create an account](#)





# Future Scope / Enhancements

## Adding Friends

Add other friends to see their outfits and clothing pieces. Implement a 'like' feature, almost like a social media

## Weather dependent outfit recommender

Use an API to look at temperature, wind, rain, etc. to recommend a suitable outfit for the day

## Magic Wand Tool

Add a magic wand api tool that will automatically remove the background of the clothing pieces you scan into your closet



# Q & A

Thanks!