Project Documentation
Final Project

Project Overview
The Sweat Shop

An online store showcasing different products.
The store is meant to guide users through a realistic shopping experience,
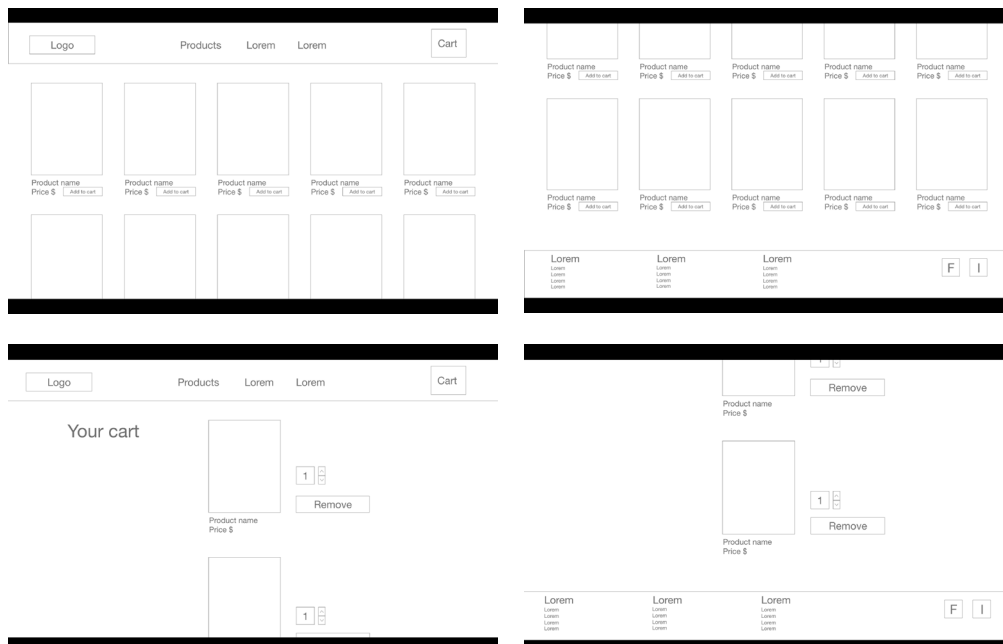The products in the store is targeted towards young women.

Project Requirements

This project includes features such as filter functionality, the opportunity to add items to and from the cart, change the quantity of items, navigating between different pages, and checking out products from the cart.

The main tools and technologies used is HTML, CSS and JavaScript.

Design and Planning
Wireframes

Development Process

I faced some challenges with the JavaScript, I found from the beginning that it was a tough language to learn. I had a lot of ideas of how I wanted the store to function, but I didn't know how to create the functions. I ended up watching a lot of tutorials on Youtube and looking at w3schools, and then trying to implement that knowledge into the project. Eventually I found some options that worked. I also used ChatGpt to help me figure out why my code didn't work when I was stuck and also help me change a code I had made using the tutorials into doing exactly what I wanted it to do.
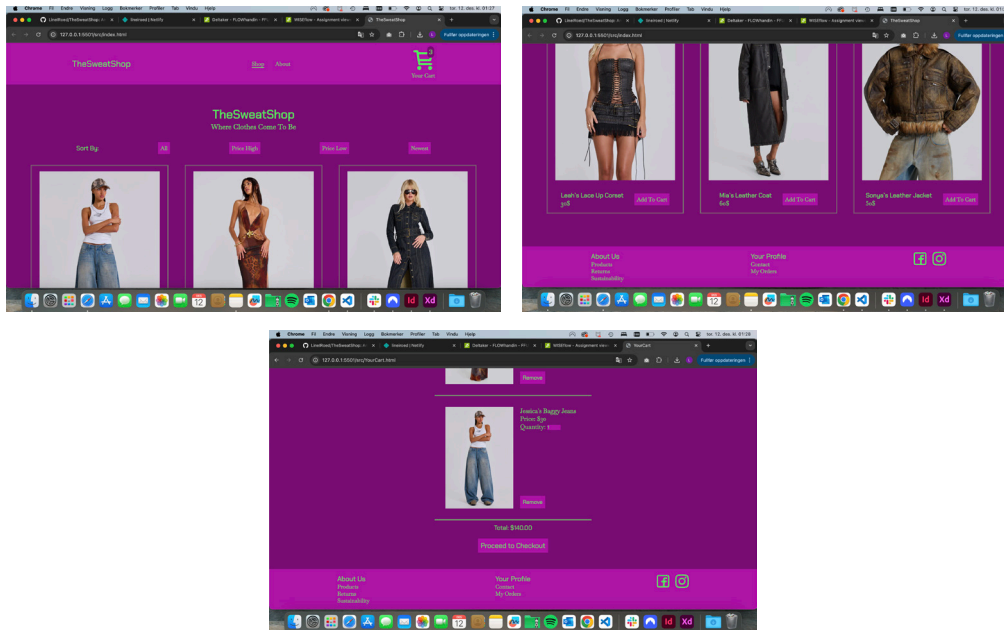
Testing

I user tested my projects on different platforms, 2 different computers and for the phone view I tested them on my phone. I have used manual testing, I have also done manual testing while monitoring the console.

I found a pretty big bug with my shopping cart function nrot working, I ended up running the whole code through ChatGpt to help me find the issue, it ended up being a typo and some functions that I hadn't correctly linked to my html. I fixed the typos and the links and then everything started working how I

wanted it to. I have also asked the course leader for help a couple of times, and he has helped me work out some of the problems as well.

Final Product

How to Use

Navigate between different sort filters by pressing different filters. Add products to cart by pressing "add to cart". Navigate to cart by pressing cart icon. Change quantity of item by entering new quantity. Remove item from cart by pressing "remove from cart". Navigate back to products by pressing "shop" or "back to products". Checkout from cart by pressing "proceed to checkout".

Reflection

What I have learned from this project is how to write JavaScript, and how to use it to create functions that follow what I want done in the project. I have become a lot more comfortable with the language, and I feel that I now understand it at bit more. I have also learned how to style elements created through JavaScript in CSS, like the cart badge or the arrays. I have also learned what a local storage is and how to use it.

Any future improvements I would have liked to have made, would probably be to have the cart site a part of the main site, like the cart would appear to the side when clicked on. I would also have liked to add sections like "Pants", "jackets", "Shirts", etc.. to create more of a realistic site. I would also have liked to create a page with more information about the product for each of the products.