

REPORT

Technological Basics 2 by Sarah Haq

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1. Summary of my development process:

My app “Passion for Fashion” was created to help people develop a deeper understanding of their own style and to help them to be more sustainable when it comes to clothing. Unfortunately, our world revolves a lot around consuming nowadays. We are tempted to buy more and more clothes and other luxury items, even though we have more than enough in our wardrobes. This got me thinking, isn’t there a way to keep track of the clothes we already have and try to use them to create completely new outfits without having to try them all on? I immediately thought of the movie “Clueless”, where the main character Cher clicks through her clothes with a computer programme in one of the first scenes. This gave me the inspiration to develop “Passion for Fashion”.

During the first semester, I created a tkinter app that already included a cool quiz that tells you what style you have and also an outfit generator. Unfortunately, the outfit generator could only be used as an inspiration, because it wasn’t possible then to upload your own photos to the app. This term I was able to fix that and add some other new features:

- **A cool new name:** While I was not very creative with the name of my app in the first term, I wanted to be more creative and create a cute logo for “Passion for Fashion”.
- **A more gender-neutral color scheme:** Because the user can adjust the colors of the app with a sidebar, I hopefully could create a more gender-neutral environment.
- **A little registration:** I added a small feature at the beginning, where the user could type in their name and it will pop up on the second page with a little “Hi **”.
- **An extended quiz:** I extended the quiz and added a lot more questions, so it would be even more specific.
- **A style guide:** While the quiz already be cool to get to know your style, I wanted to add more inspiration and tips for the user to than create cool new outfits with the outfit generator.
- **An extended outfit generator:** I finally could create an outfit generator, where the you can upload multiple photos of your own clothes and you can skip through all of them and create cool new looks.
- **About me:** I also created a small “About Me” page, so the user could get to know me a bit more and would get an idea why I created my app.

2. Challenges or Limitations:

During my development process, I had to face a few challenges, but luckily, I got on relatively well with streamlit. While I was creating the Outfit Generator itself, I had some issues with the formats. At first, the pictures were horizontally and not vertically aligned, so I had to find a way to create a nice format making the app more user friendly. Formatting in General turned out to be a lot harder than with tkinter

When it came to the quiz, I also had some issues finding a good way to save all of the answers. Luckily, I could adjust the code from the first semester and transform it into a streamlit function.

While Streamlit provides nice design elements, I would have loved to have some more features to make it a bit more personal. I had the feeling, that some of the design features given in tkinter were missing.

3. Feedback from testers:

- **Design:** I got a lot of positive feedback on the design. The testers not only enjoyed the logo, I've created for "Passion for Fashion" but also loved to play around with the color schemes.
- **The Outfit Generator:** They were particularly impressed with the outfit generator and its functionality. The testers already tried out the features with their own clothes and told me how helpful it was to them to keep in mind what clothes they've already got.
- **The Quiz and Style Guide:** The two new features were also received as cool and playful options to find out more about the user's own style.
- **Criticism:** Some of the users told me that they would have loved to have a feature that could save their favorite outfits for later, but unfortunately, I couldn't implement that
- **Bug Fixes:** During the development process testers told me, that it would be nice to have the "Next Top" from the Outfit Generator next to the images instead of under them. I could fix that issue by creating two columns: one for the images and one for the buttons.