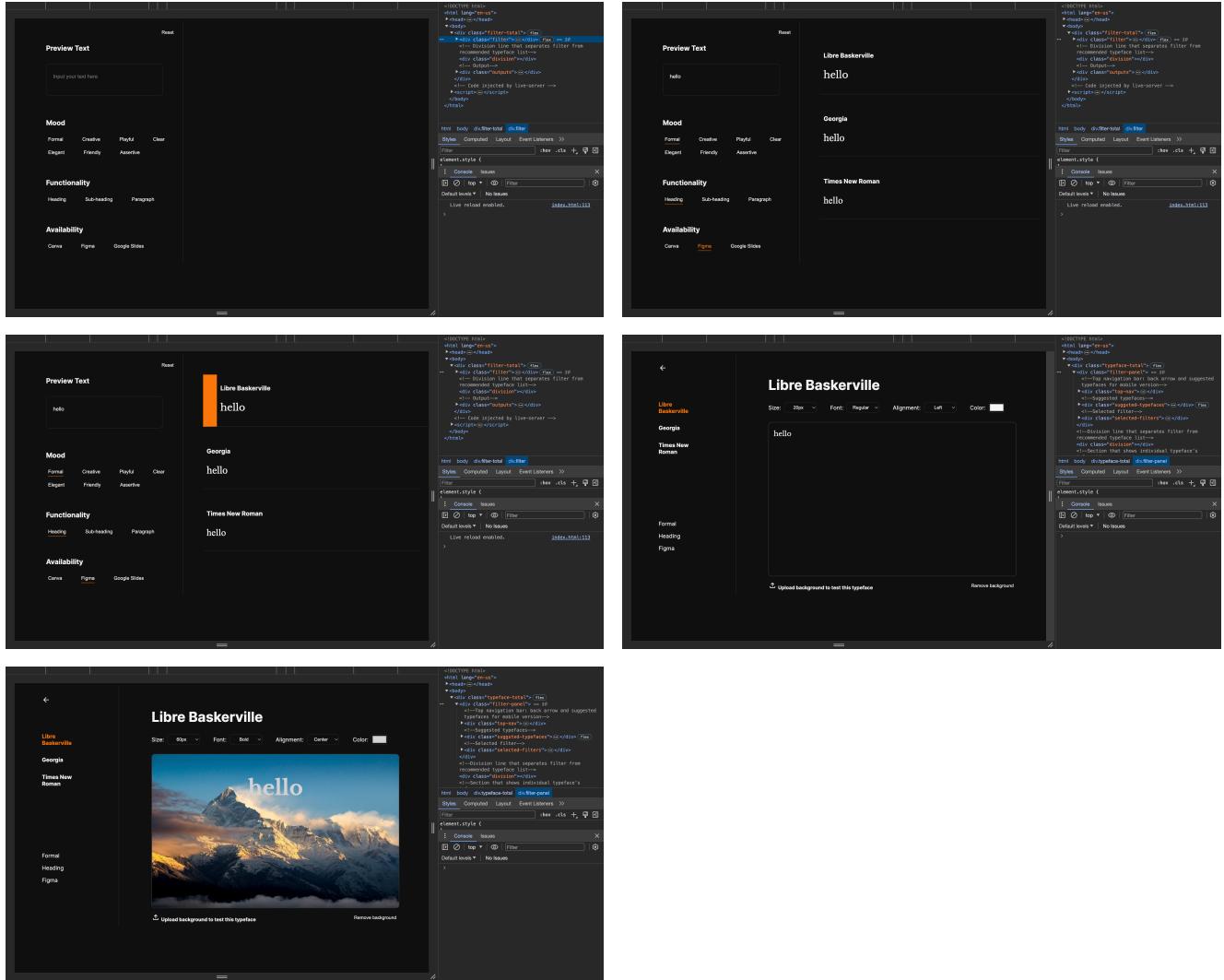
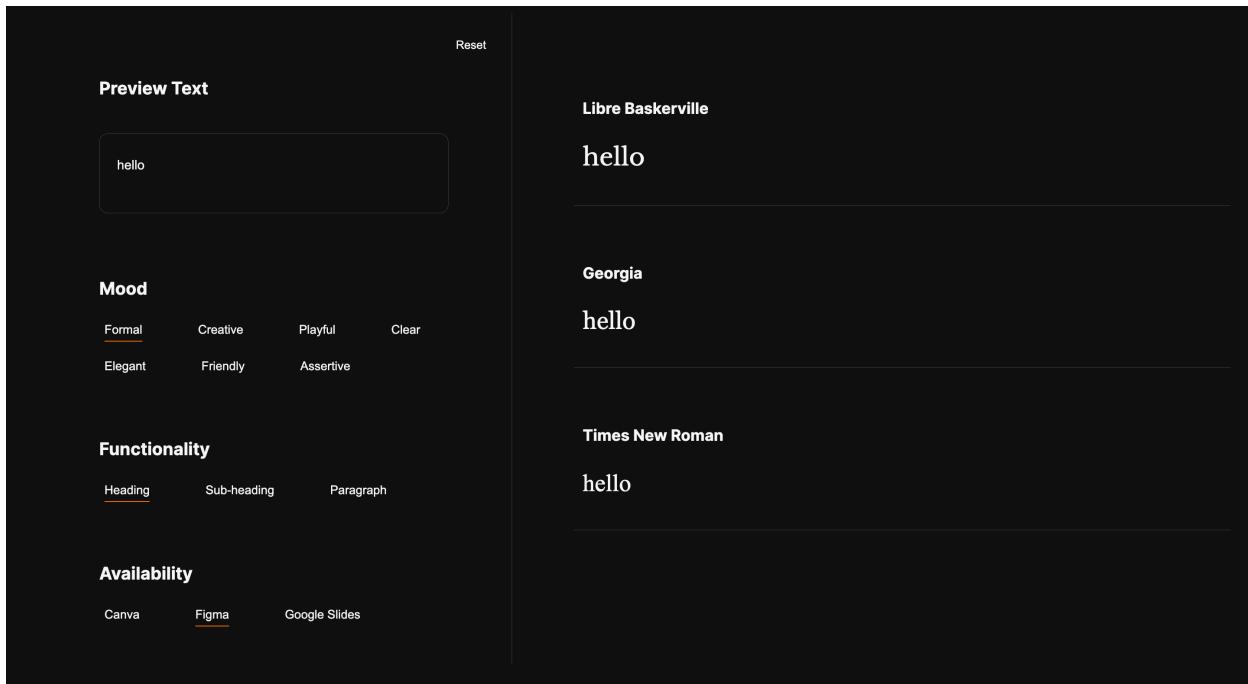


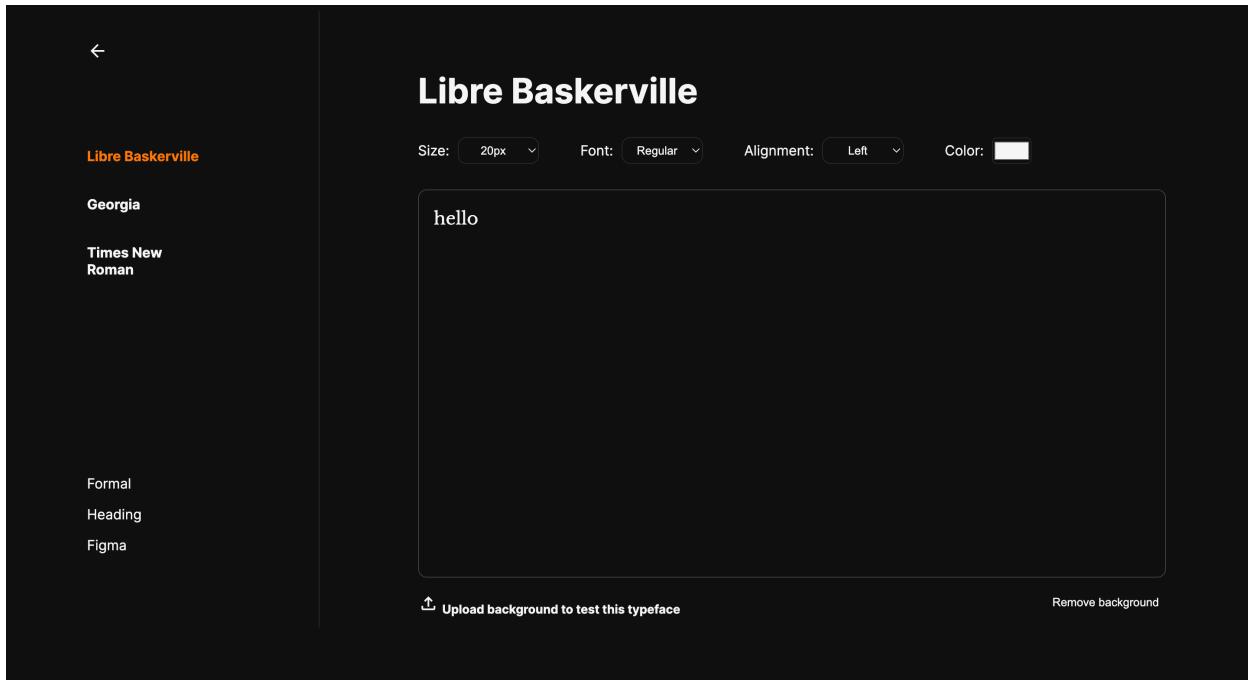
# Summary



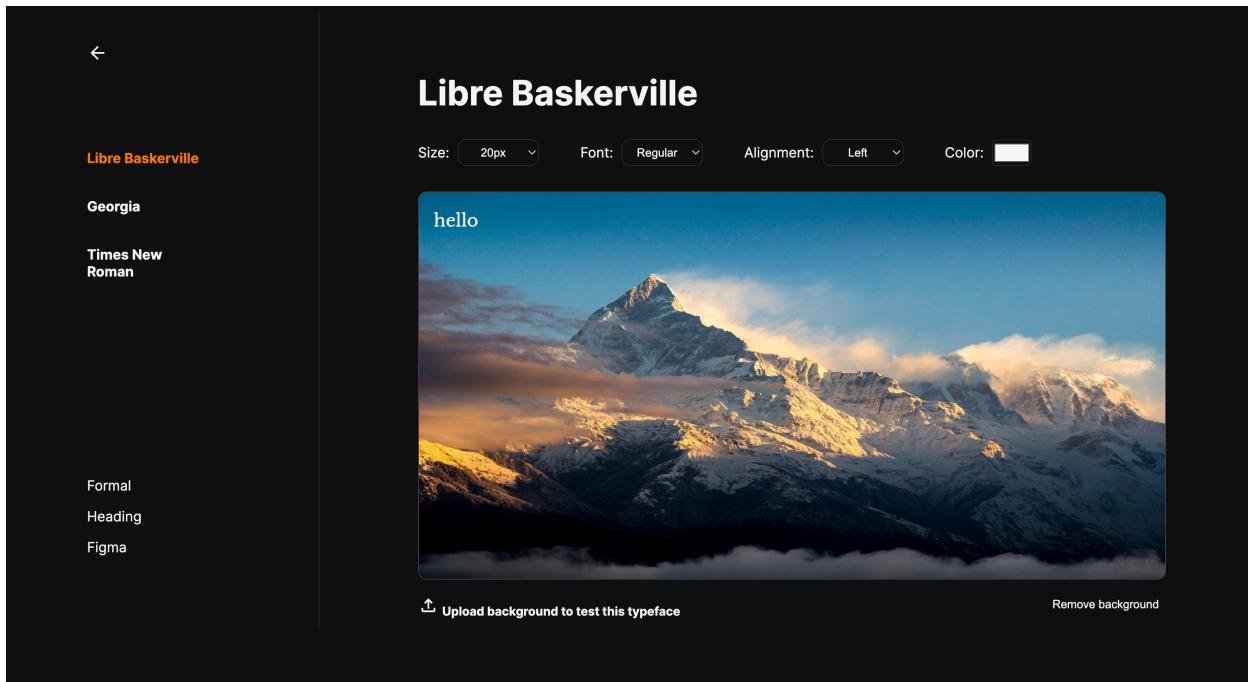
## Details



The filtering page that allows users to input text, mood, functionality, and availability to see corresponding recommended typefaces.



The individual typeface page that allows users to adjust the size, font, alignment, and color of their input.



By clicking “upload background to test this typeface”, users can upload images from their local computer and test if the font matches with their design.

## Part 1

My website’s purpose is to assist people without a design background in finding the most suitable typeface for their design projects, such as creating posters and Google slides. The information I want to convey with my website is that there is a possibility to reduce the time-consuming process of matching typefaces with other design elements. The website offers an engaging experience by allowing users to input text to preview the typefaces and select categories to filter the list of recommended typefaces. The categorized typefaces simplify the selection process for users unfamiliar with typefaces and bring much convenience. Moreover, users can upload screenshots of their designs to assess whether the recommended typefaces match with their work. The website also allows users to drag and resize the uploaded screenshots for testing, alleviating the effort of navigating between typeface websites and design platforms.

## Part 2

- Interaction type: input the text to preview texts in different typefaces
- To reproduce: click input box on the filtering page and type texts
- Interaction type: select options in filters to generate recommended typefaces
- To reproduce: click on options under the sections of “mood”, “functionality” and “availability”

- Interaction type: go to the individual typeface page to see detailed information about individual typefaces
- To reproduce: click on one suggested typeface
- Interaction type: adjust the text in certain typeface
- To reproduce: click boxes beside “size”, “font”, “alignment”, and “color” and select desired options
- Interaction type: upload design screenshots
- To reproduce: click “upload background to test this typeface” and select the image to upload
- Interaction type: adjust the uploaded screenshot
- To reproduce: hover over the screenshot, scroll to resize it, and drag to move it
- Interaction type: remove the image
- To reproduce: click “remove background” button
- Interaction type: reset the filters
- To reproduce: click arrow on the upper left corner to go back to the filtering page, and click “reset” button

### **Part 3**

External Tool: jQuery.

Why I chose to use it:

I chose it to implement an interactive feature that allows users to adjust the size and position of their uploaded images. Since jQuery is built on shorter and simpler codes, I thought it would allow me to quickly understand and write the code to achieve my expected functionalities.

How I used it:

To use jQuery, I conducted online research and followed detailed instructions to implement the functionality into my code. I included the jQuery library links in the head section of my HTML code and used a standard way to call the library: I created a function that will be triggered after the user clicks on the uploading button and call the library when a user tries to adjust the uploaded image.

What it adds to my website:

jQuery enhances my website by adding a distinguishing feature that separates itself from other websites. While numerous websites provide a variety of typefaces for users to choose from, my platform stands out by solving the problem of switching between typeface selection and checking its compatibility with other design elements. I think such a functionality improves user experience by bringing users more convenience.

#### **Part 4**

I refined my prototypes through multiple iterations based on insights derived from several user testings. Initially, my prototype focused on not only recommending typefaces based on filters but also educating users on selecting fonts based on their needs. However, user testing revealed that users were more inclined to find the needed typeface without the desire to learn. Therefore, I adjusted to only focus on typeface recommendations. Another significant modification involved shifting from user recall to recognition. Later user testings showed that users wanted to see selected filters and the list of recommended typefaces after returning from individual typeface pages. This prompted me to store and display users' previous selections for my website.

#### **Part 5**

The major challenge in this project was using jQuery library to enable users to change position and size of their uploads because I was unfamiliar with the library. Organizing the logic of use flow was another challenge: I used local storage to save users' previous selections, but I forgot to consider scenarios in which users visit the website for the first time without inputting any information.