**Reflection rapport**

A lot of changes were made to come to the final version, I mainly focused on perfecting the JavaScript code because I had the most fun in learning this new programming language. It ended up taking a lot of time so only the instructed changes were implemented. Three new functions were added, the first was to highlight the changes in the text added deleted (corrected) by Percy Shelley, and the texts written and corrected by Mary Shelley. Then a button was added to show the deleted parts in the text. The third was a function that displays the text as a reading text by clicking on the dropdown list.

The next big chance was the developing of the index html. All the information was added, and I tried to design it in a visually satisfying way. This was complicated and I went through many iterations to end up with a simple but pleasing result. The biggest problem I faced was aligning the information in the right place within the web page, but this was eventually figured out. It was achieved using a combination of containers, columns, headings and the "text-center" class was utilized to center-align specific elements.

The next step was completing the encoding of the text which was achieved relatively fast. The bigger problem was then to replace all the html’s with one html. For this I used the HTML file (named manuscript.html), supported by JavaScript, to dynamic load different XML documents based on user interactions. I utilized the 'page' parameter extracted from the URL via URLSearchParams and then combined this with the file path for the corresponding XML document and displayed it as the current page number. The dropdown menu in the HTML includes links to specific pages, each incorporating the 'page' parameter. This trimmed down the number of documents tremendously.

For the styling a combination of inline styling and one external CSS file were used. I surely did not do it in the most efficient way, but getting it right was really confusing due to the combination of so many different sorts of documents. I just focused on getting a clean and easy styling, keeping it simple. I kept the backgrounds white and grey and only changed the color of the title when viewing a specific page. I played around with some different fonts but kept the original one for the individual page. The font of the manuscript.html was changed to Trebuchet MS.

After that I focused on changing the xsl files. In the meta.xsl I added information to see how many changes were made on a page, with specific numbers for additions and deletions for the two respective authors. This was fairly easily done, but adding the total numbers of words was something I could not figure out. In the text.xsl I added templates for handling additions with a specific placement attribute, deletions, line breaks, superscript additions, underlined text, circled text, and a combination of deleted and added text.

All in all, this was a very valuable experience that thought me more than I ever could have learned from only studying theory. In the process I developed multiple skills and got a deeper appreciation for people that develop websites from scratch. And even though I still need to learn a huge amount of stuff before I could ever truly develop a project from the ground up, I find myself being somewhat of the result and the things I learned along the way.

The link to my GitHub-page: <https://github.com/Leimak12/Frankenstein_Kamiel_Temmerman.git>