

Small Business Website Revisited

Richardson's Bakery

By Muhammad

Analysis of Changes/Improvements

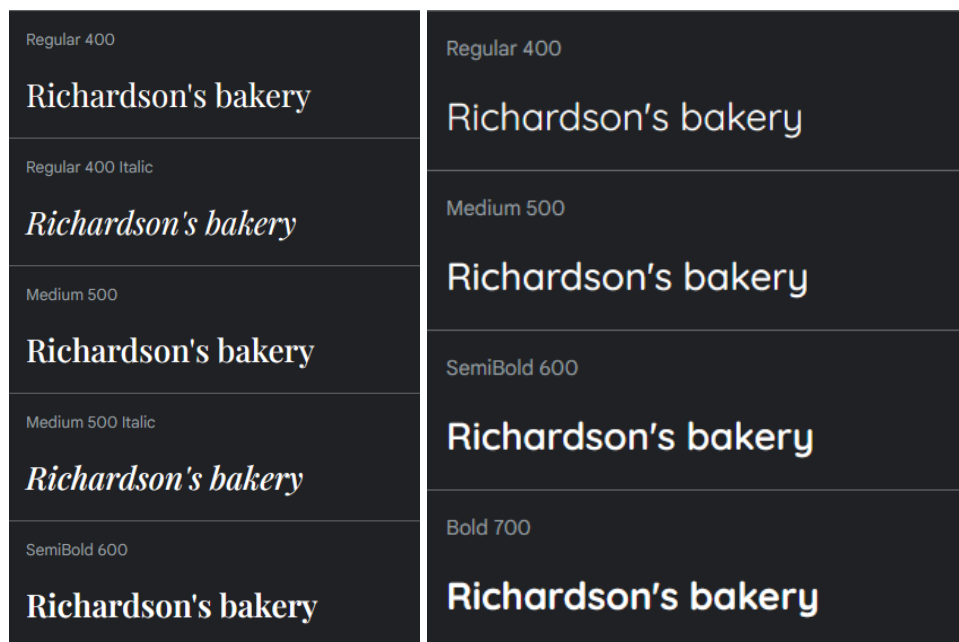
In this document I would be discussing the changes and improvements I have made in my Small Business Website project for this assignment. My previous attempt at the Small Business Website had a variety of issues as discussed in general feedback as well as the personal feedback given to me by David himself. There were things I prioritised to improve from the previous version. I have changed the entire design of the website altogether. Here is the list of the changes I have made in the attempt for the revisited version of the website:

- 1. Overhaul of the design – Colours, Fonts, Images**
- 2. Improvements in coding methods.**
- 3. Addition of PHP includes.**
- 4. Functional JS Implementation in the code.**
- 5. Work on responsiveness.**

Overhaul of the design – Colours, Fonts, Images

After discussion with David over the Small Business Website submission, I decided to completely overhaul the existing design as there were a lot of issues with it. I decided to stick with the colours as used in the original design, since they gave a feeling of a traditional bakery.

A big change this time around was the use of typography. Previously I was working with web-safe fonts only, and that affected the overall design quality on the website.

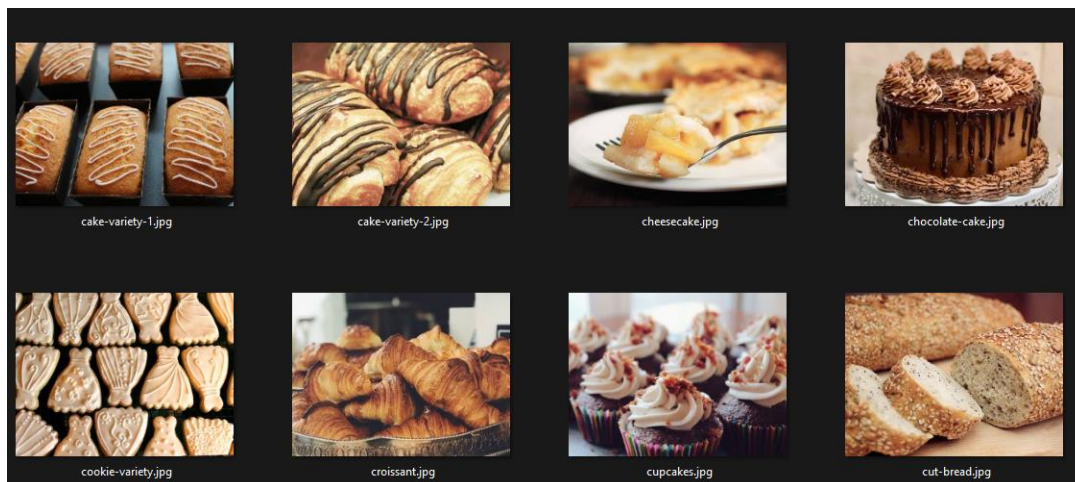


Playfair Display and Quicksand Fonts in the images, respectively

This time, the I decided to include two beautiful and very apt Google Fonts – “Playfair Display”, a serif font and “Quicksand” – a sans-serif font. These fonts turned out to be complimentary after I tested out some of the other serif and sans-serif combinations.

As it is a best practice, I have made sure to include the fallback fonts of Verdana and Geneva for sans-serif implementations and the fonts of “MS Serif” and Georgia for serif implementations.

In terms of images, I made sure to highly optimize each foreground and background image in use, with appropriate alternate texts.



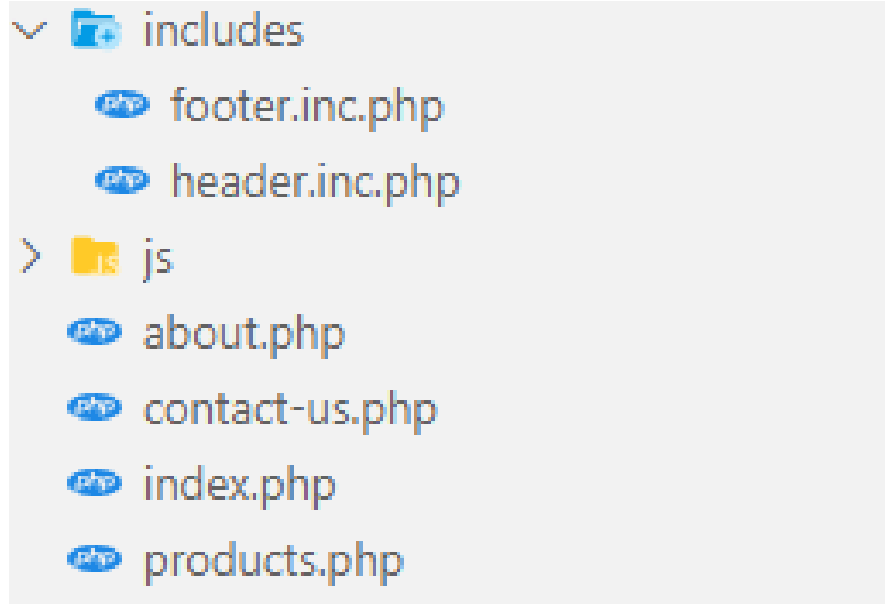
Some of the images used on the website.

Improvements in coding methods

I have taken the feedback from the last submission very clearly and made sure to eliminate the issues persisting in the coding methods. I have reduced the number of unnecessary “div” and “class” being used and only used it where it is absolutely necessary (usually in form of containers), while also giving them appropriate “id” to improve the accessibility. I made use to have appropriate alternative texts to all the images, appropriate semantic elements being used as well as the comments being used as and when needed (especially in style.css file).

Addition of PHP includes

As required mandatorily by the assignment submission, I have used PHP server-side includes to improve the modularity of my website. I have used the PHP includes for the header (header.inc.php) and the footer (footer.inc.php). I had to revisit the session where we had the discussion of PHP includes.



PHP Includes implemented in the code.

Functional JS Implementation in the code

Also, as required by the assignment submission, I have implemented JS. There was still a lot to learn about JS for me as my previous attempt at its inclusion in my previous SBW submission did not work out. This time, I decided to implement the JS to check the current time and day, and then subsequently compare it to the bakery's opening and closing hours. Depending on that the user is to be given an immediate sign of whether the bakery is open or closed for business. If the store is open, JS sends a message, " Yes, we're open". But in case the bakery is

closed it sends a message, “Sorry, we’re closed”, while also prompting the user to check the timings. While being a very simple implementation of JS in the code I believe it has worked like a learning of the language for me.

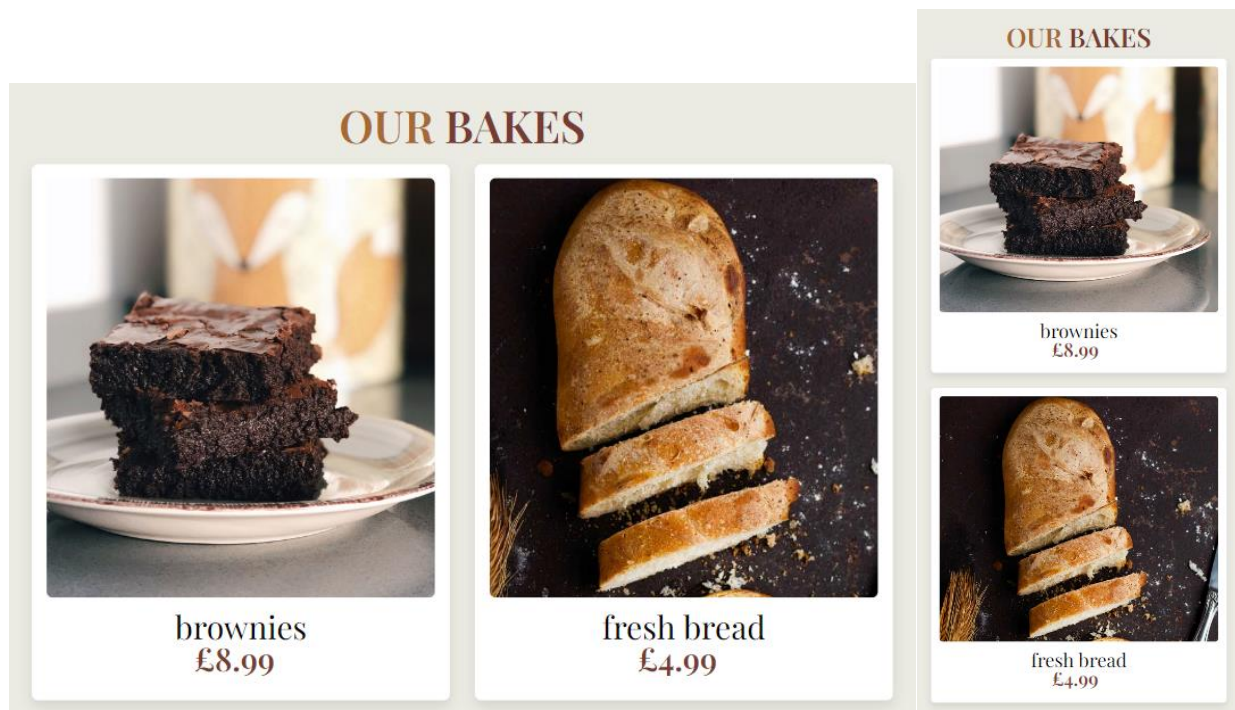
```
1 var now = new Date();
2
3 var checkStatus = function () {
4     var currentStatus = document.getElementById('status');
5     var currentDay = now.getDay();
6     var currentHour = now.getHours();
7 }
```

A sample of JS code implemented in my code

Work on responsiveness

As it is mentioned time-and-time again regarding the importance of responsiveness, while also being a mandatory part of the submission I made sure to go for a mobile-first approach while developing the website. One thing that worked in my advantage was the fact that the revisited version of my website was a complete re-design, and I had the liberty to opt for a mobile-first approach. I tried to implement the hamburger menu with CSS checkbox this time. Although I will not call it a perfect

implementation, I am happy the way it turned out to be. I have used CSS Grids heavily on the products page, as well as the about pages since they make the work on responsiveness very easy.



A sample of responsiveness implemented on the website.