

# Design Document

## Additional Features

### Contact

Name

Email

Phone

Message

Will create a contact page that uses HTML forms in conjunction with local storage an advanced HTML technique that ensures details are not lost once they are entered. The data entered in the form fields can be stored locally in the user's browser meaning that even if the user refreshes the page or navigates away, the information remains. Will also enhance the form's appearance and functionality using Bootstrap.

### Mocha



### Latte



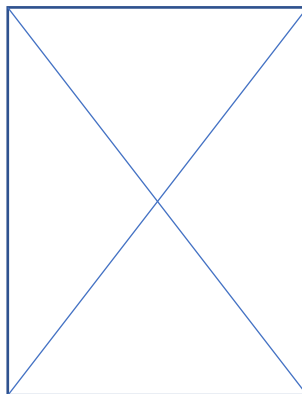
### Cappuccino



To enhance the user experience, I have incorporated three different sizes for each type of coffee along with their corresponding prices. I have implemented this dynamic functionality using JavaScript which allows user to select their desired coffee size adding it to the cart and the price for the coffee is then considered. This allows the customer to have the flexibility to choose the size they require. JavaScript seamlessly updates and stores the selected size and price for order processing.

## Your Cart

Count:0



CLEAR

Total: £0.00

CHECKOUT

Will use JavaScript to implement a robust functionality that keeps track of the number of coffee items added to cart whilst dynamically updating the total price according to the size of the coffee enhancing the user experience by providing with real-time feedback. As Users will be adding coffee to cart JavaScript will maintain a count for how many coffees added whilst simultaneously calculating the total price based on size and quantity. I will implement error messages using JavaScript to notify the users when they proceed to cart without adding any item or when they are successfully added to cart. Furthermore, after a successful purchase JavaScript will be used to refresh the page clearing the cart allowing users to start a new order. Ensures seamless shopping experience preventing confusion or accidental repeat in purchase. Similarly, a purchase confirmation message will be displayed thanking the user for their order and providing a sense of completion and for customer satisfaction.

Purchased!!

Cart Empty!

Added to Basket!

## **Evaluation of Implementation**

This evaluation aims to analyse and assess the implementation of my project, it is primarily focused on showcasing a small business's coffee offerings to the customers. The main objective and purpose is to present coffee recipes and to provide a platform for customers to purchase coffee directly from the website. My aim was to successfully execute the initial design achieving all predetermined goals. I will be evaluating the implemented solution along with any adjustments made during the implementation process.

In the implementation, a dynamic and user-friendly website was created to serve as an online platform to showcase signature coffee recipes. The website featured a visually appealing interface that allows the user to browse and purchase their desired coffee. The website focused on providing a rich collection of coffee recipes, four dedicated webpages were made for each type of coffee accompanied by detailed instructions and images. To enhance user engagement buttons were provided at the bottom of each page for user to easily navigate to a different coffee recipe. The implementation leveraged technologies such as HTML, CSS and JavaScript ensuring a responsive and interactive user interface. Initially I had just incorporated the recipe aspect of the business where the website was simple with a homepage inclusive of coffee images, buttons to navigate to the recipes and an about us section.

During the implementation process, only a few changes were made to the initial design. One notable change was the addition of a contact page which wasn't initially planned. The contact page now includes a textbox allowing users to send messages, providing a means of communication between the business and its customers. Another change was made which was the incorporation of an order page with a shopping cart feature to facilitate actual purchases of coffee. Initially the website was designed to only enquire about coffee and there was no feature that allowed to purchase coffee, however upon consideration the decision was made to add e-commerce functionality. These were two minimal changes that were made during the implementation process that significantly enhanced the website, transforming it into a robust e-commerce platform that facilitates seamless coffee purchases.

One challenge encountered during the implementation was effectively managing inventory data and ensuring its accuracy and consistency. However, through careful planning and implementation strategies, I was able to overcome this challenge.

Overall, the implementation solution successfully met the originally intended goals and requirements. The changes that were made during the implementation process vastly improved the website, making it more seamless and user friendly. The website now offers a platform for both showcasing coffee recipes and facilitating coffee sales.

## **Responsiveness and testing**

After the implementation, the new webpages that were added were designed to be as responsive they can be, meaning that they adapt well and display properly across various devices and screen sizes. However, it should be noted that the responsiveness is particularly better for the webpages where bootstrap was incorporated for the layout and design. This choice resulted in a smoother adaptation of these webpages to different sized screens.

Manual testing was conducted on different devices and browsers to access how the website layout and content adjusted. During the testing phase, it was apparent that my websites responsiveness wasn't as high as desired. Despite the best efforts, achieving a high level of responsiveness was a challenge, however measures were taken to optimise the websites responsiveness to the best of my abilities.

Throughout the testing process, attention was given to ensure that all of my website elements such as that of text, images, navigation menus and interactive components, were displayed correctly and functioned as intended. For this I clicked every single button and made sure that it performs the task it was intended to perform. Also made sure the text and images were displaying correctly. I had some issues where a button would be unresponsive, however using CSS I fixed the issue. Despite some challenges, improvements were made to optimise the user experience in terms of responsiveness.