

THE BOOKSTORE REPORT



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1 Introduction

This report outlines the development process and technical aspects of the static website created as part of the Web Programming assessment. The aim of the project was to design an online bookstore, starting with a static website to receive feedback from senior developers. This report will detail the features of the website, the design decisions made, and the implementation process.

2 Project description

The goal of the project was to create a static website with four pages: a home page, category page, book detail page, and contact page. The website had to be designed to be responsive, with support for mobile and desktop devices. The website also had to meet certain HTML and CSS requirements, including the use of appropriate/semantic elements, the use of IDs and classes, and custom fonts.

The website is responsive and can be view on at least 3 devices: desktop, mobile(=<477px), tablet (= <799px).

3 Implementation Details

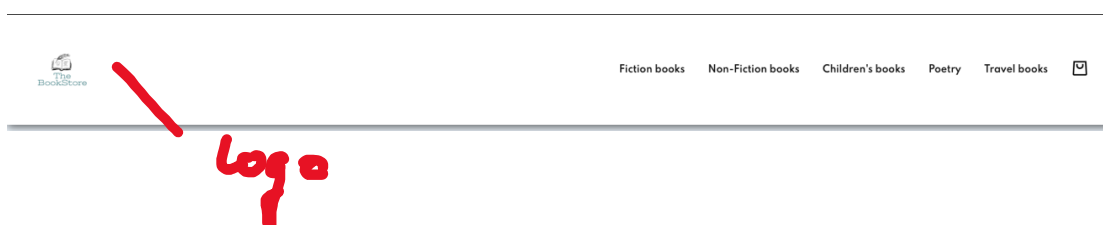
3.1 Homepage

The homepage is designed with 3 main sections including the horizontal navbar in the header which will turn vertical on mobile display(=< 799px), a footer with vertical navbar and the main section which include all the book categories.

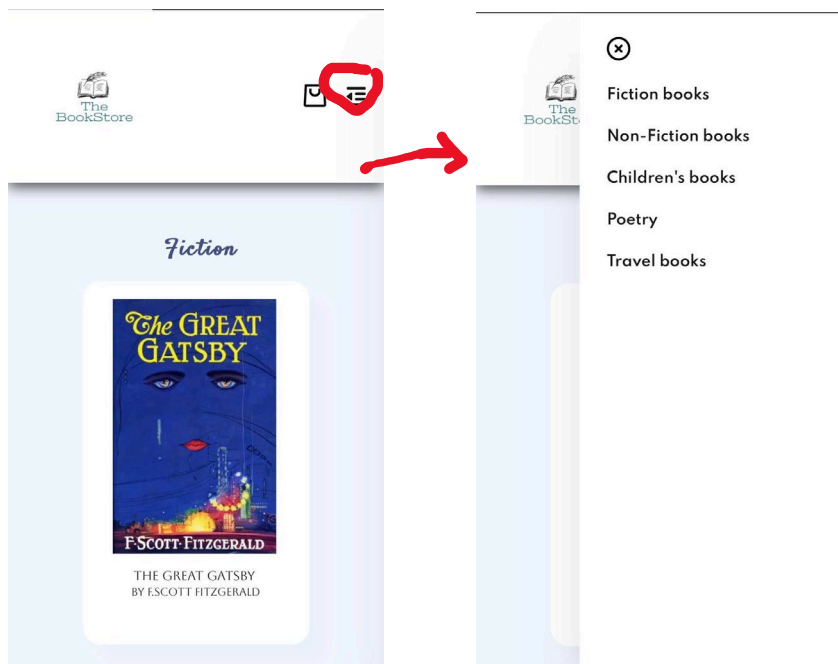
First, the header navbar include the logo which is link to the homepage so when you click on will navigate you back to the homepage wherever you are, this logo is position on the left side of the navbar all alone to make it stand out and also to not confused with the categories on the right side which all linked to their respective page that will displayed 5 sub categories. On desktop the navigation bar is always visible at the top of the screen, this will help the user to navigate to different page easily without scrolling to the top of the page. On mobile this navigation bar is hidden with a menu icon that once click could show the vertical navbar with an added closed button, the button for opening and closing the navbar is functioning using a bit of JavaScript. Tuck the navbar away makes the website look ‘cleaner’ and the interface is easier to navigate.

There is a shopping bag visible in the picture below, there was not enough time to develop a cart page so it is left for the webpage aesthetic.

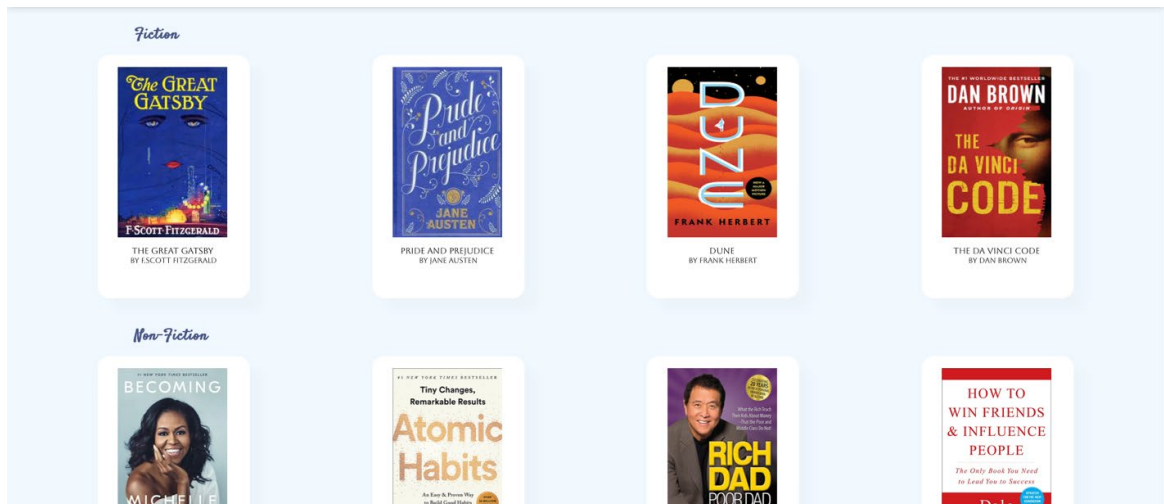
Desktop:



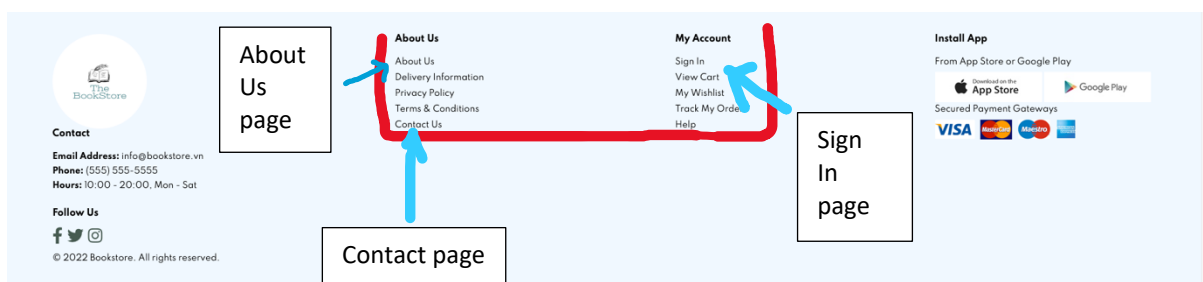
Mobile:



Next is the main section which contain 5 different main categories all linked to the respective page like in the header navbar. There will be 4 books display in each categories all linked to the single book detail, you might wonder why 4 books but not any other number because if it is displaying a single book on our mobile, they display as 2 in the same row on an iPad so for our beautiful interface to look good I have to add one more. I also added a box with the white background around each book to help them stand out more, and the help them stay on the same height with each other.



Last is our beautiful footer, as you can see in the picture below, we have our logo and contact information in one row in order to separate our contact information with the other navigation column, like the about us and my account with all the necessary information you will need from a shopping website, there is also an install app for if the customer wants to have their own applications for membership notifications for example. The Privacy policy, terms and condition and about us is links as empty links but the Contact us is link to the Contact Page as per assessment requirements. I also added a sign-in and sign-up page linked to the Sign In in the footer my account column, this is develop from my own website project so I thought I would be nice to added in and have some feedbacks for the design.



I also added a 'Sign up for newsletter' banner as a separator for the main section and the footer, it is also a great design which will allow user to receive news like offers and sales of the webpage from their email without having to sign up an account.



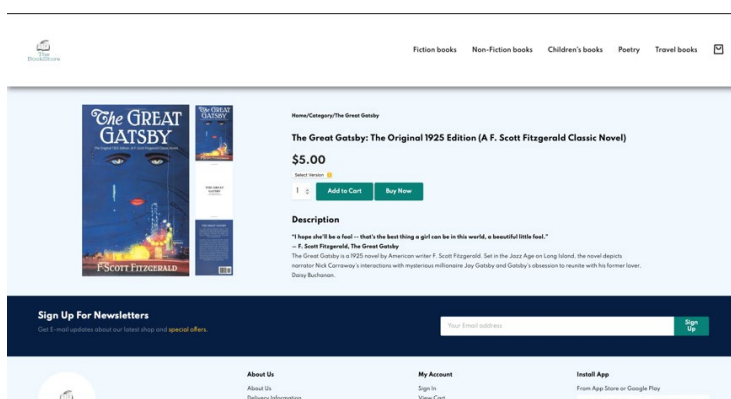
3.2 Category Page

The category page layout is pretty much the same as the home page, the only thing change is the books and different sub sections of the main category. The header and footer navbar are kept the same for consistency throughout the website. There are a total of 5 sub-categories in each category page since I want to give the user the diversity of each main category.

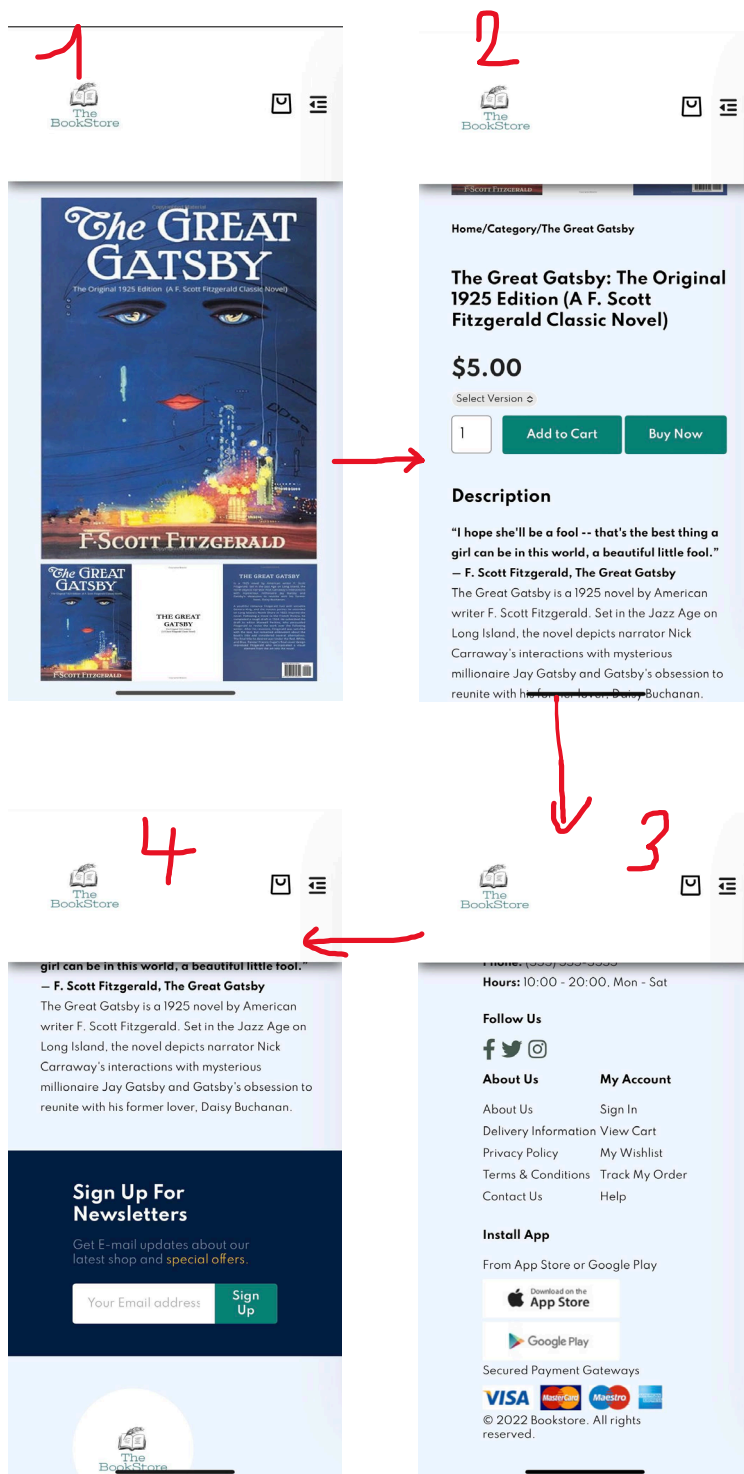
3.3 Book Detail Page

The book detail page had the same header and footer as the home page, with a main section displaying a breadcrumb (with Home and Category name as links), one large and three small images for the book, the book price, and an "Add to cart" button. On mobile devices, the book images, price, and "Add to cart" button were rearranged. At the end of the page, the book name and description were displayed.

Desktop



Mobile



I added a function to change the price when choosing the version to buy, the original price will be set as the paperback price.



3.4 Contact Page

The contact page had the same header and footer as the home page, with a main section displaying a heading "Contact Us" at the top and a contact form with fields for contact purpose, name, email, phone, contact preference, receive weekly newsletter, and extra notes. The option itself already have a box and already look nicely done so I didn't format to have them in a box like the other input, this also make it look more unique and standout more. The refresh button is not done using the input type reset but rather I want to decorate it to my own style so to help it function like a reset button I've added a JavaScript function to reset the page upon click.

On mobile and tablet devices, each input and its respective label were positioned on different lines. The width is also put as 100% to fill out the form and make it look bigger on small display this will help the user to navigate and can easily see what need to be and has been fill out.

The difference on tablet display is the contact preference is still kept in the same line but in the mobile it has been moved down since the display is smaller.

Tablet/Mobile

The image displays two versions of a 'Contact Us' form. The left version is for a mobile device, showing a single-column layout where labels and input fields are stacked vertically. The right version is for a tablet device, showing a similar layout but with the 'Contact preference' section split across two lines to maintain readability. Both forms include fields for Name, Email, Phone Number, a newsletter subscription checkbox, and a notes area, with 'Reset' and 'Submit' buttons at the bottom.

4 Conclusion

Through this project, I gained valuable experience in creating a website from scratch, including making design decisions, coding in HTML, CSS and JavaScript, and implementing responsive design. However, I recognize that there are always opportunities for improvement for example to create a responsive website we have to

consider many different devices and display, while I was developing the website on a Mac and tried running, it was looking good but when I goes on a window desktop the display was compressed or stretch in different ways so I have to look back on my code and find the best value to work on both OS. I also have to develop an about us page to store the video since the video have to right place to put on the other pages the process of adjusting the video to fit on the display is also exhausting since I film a demo on a phone but did not make it vertical so I have to change the size so the video still look ok on tablet and mobile display but look fit on the desktop display also.

In the future, I would like to explore more advanced CSS techniques and incorporate more interactivity into the website. Additionally, I would like to gain more experience working with JavaScript and server-side programming to create a more dynamic website. Overall, this project was a great opportunity to apply my knowledge and skills in web programming and to challenge myself to create something that was both functional and aesthetically pleasing.

5 Reference

- 🚩 W3Schools. (n.d.). HTML Examples. Retrieved April 16, 2023, from https://www.w3schools.com/html/html_examples.asp
- 🚩 MDN Web Docs. (n.d.). CSS Flexbox. Retrieved April 16, 2023, from https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Flexible_Box_Layout
- 🚩 Font Squirrel. (n.d.). Open Sans Font. Retrieved April 16, 2023, from <https://www.fontsquirrel.com/fonts/open-sans>
- 🚩 *Amazon.com. spend less. smile more.* (no date). Available at: <https://www.amazon.com> (Accessed: April 23, 2023).

- ✚ “Mua hàng online giá tốt, Hàng Chuẩn, ship nhanh,” *Tiki*. [Online]. Available: <https://tiki.vn> [Accessed: 24-Apr-2023].
- ✚ “Thế Giới Trong Tầm Tay,” *Fahasa.com*. [Online]. Available: <https://www.fahasa.com> [Accessed: 24-Apr-2023].
- ✚ Goodreads. (n.d.). Discover books you'll love. Retrieved April 16, 2023, from <https://www.goodreads.com/>
- ✚ Google Fonts. (n.d.). Open Sans Font. Retrieved April 16, 2023, from <https://fonts.google.com/specimen/Open+Sans?query=open+sans>