



N I M B O O K

Book Store

Web Programming



ASSIGNMENT-1

DANG KIM QUANG MINH - S3938024

COSC2430

I declare that in submitting all work the assessment. I have read and understood the content and expectations of the assessment declaration.

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I. Introduction

NimBook is a design concept for an e-commerce bookstore, showcasing ways to display and promote books, while providing quick and easy access to the site like the name suggests. To enhance the overall branding the logo is a book opening turned slightly into a fox face where The Fox is known for its Nimble and Clever nature. Which in turn is our main vision for the design.

NimBook is a combination of the word Nimble and Book which is the goal. To create a simplistic, easy to navigate e-commerce bookstore with a minimalistic design language.

This report is to reflect and inform on the process of this assignment as well as our experience and point of view on the development and design of this website.

Scope	
Feature	State
All pages	
Header	Done
Nav menu (desktop)	Done
Nav menu (mobile)	Done
Footer	Done
Logo for header	Done
Home page	
Display Banner (video)	Done
Display Category 1	Done
Display Category 2	Done
Category pages	
Display Banner (video)	Done
Display Category 1	Done
Display Category 2	Done
Display Category 3	Done
Contacts	
Welcome messages	Done
Input form	Done
Input form elements	Done
Details page	
Image gallery	Done
Book spotlight	Done
Book's description	Done

Navigating elements	Done
Design language	
<ul style="list-style-type: none"> + Basic website requirement + Easy to navigate / flow + A pleasing aesthetic + Efficiency is utmost + Welcoming and pleasant viewing + Modern simplistic elements + Fun / exciting content 	

II. Project Description

To be able to work on and develop this project, a number of tools and references were utilized. Notably the IDE which is Microsoft Visual Code Studio, with a wide variety of extensions and compatibility, this has helped with the development process tremendously, being able to run on different devices and media, in turn helps with maintaining the workflow to be consistent. On that note VS Code also has a wide variety of languages it can interpret making it a universally advisable IDE.

The main language used is of course HTML for the elements and basic structure of the website. With the improvements made substantially over the years, HTML is a solid language with various types of elements for developers to choose from, which in turn simplify the process of web development. The total pages amount is 5 which includes: a homepage, a book details page, 2 categories page, a contact page as per the basic requirement. All pages are built from scratch with references from multiple online sources taken for references.

For the website overall design and touch ups, CSS is a key element where it is used and adjusted for every page. With the exception of some common elements where they have the same CSS file to optimize the workload and ensure a similar experience across pages. To be able to touch up and align elements/items in a page, CSS has provided an easy to follow structure for its interpretation, which is even more improved upon using the Live Preview extension for VS Code, which allows users to edit the CSS design while being able to oversee the current design for the web, this accelerates the development and touch up process by a big margin.

Some features of the website also require the utilization of JavaScript for animations and transitions of elements, notably the navbar on mobile devices which

JavaScript is used for the on click actions which helps switch pages. Similarly the Book Details page also is used for the transitions of photos in the gallery to the spotlight.

For the hosting of the web and file storage/code transfer, GitHub plays a major role in keeping the codes up to date and to be able to work on the same code in a repository across devices which assists with situations where, desktop is inaccessible. GitHub also provides a quick and easy way for users to deploy the project online, where the final product is accessible to everyone and everywhere.

In the end, this process has helped me alot in gaining insights to the development and deploy process of websites. And with the exposure to languages like HTML, CSS, JavaScript, I was able to improve upon my knowledge of workflows for coding and to be able to adapt to different syntaxes across languages. In addition to different languages, the usage of IDE like VS Code helps me get more comfortable with the IDE itself for future endeavors. My general knowledge and usability with GitHub has improved as I now prefer it to be my main go to for code repository.

III. Implementation Details

The design elements and inspiration of the final product is taken from multiple different sources, mainly went with minimalistic design in combination with a simple navigation system for a more user-friendly approach. The choice of design came from multiple different sites which promote comics, anime, cartoons in general to create a welcoming and fun/exciting look and feel to the website. This is enhanced by the chosen color palette, which incorporates color usually associated with the topics. With accents being a more bright color scheme help with emphasizing the navigation elements, helping users to be able to distinct each one. With a contrasting of bright and dark color chosen, this has been able to effectively help getting user retention as it doesn't overwhelm them whenever they navigate the web.

1. Notable features

- **Header:** A bar fixed on screen when you scroll, where it contains the Logo of the web, nav menu and a Button [\[Appendix\]](#)
- **Nav bar:** This contains the menu items like Home, Shop, Contacts for user to click on and transitions between pages [\[Appendix\]](#)

- **Nav bar (mobile):** This will appear and replace the desktop Nav bar when it reaches a certain pixel resolution, the nav bar on mobile devices has been shrunk down and compacted into a hamburger style menu when clicked on the icon. [\[Appendix\]](#)
- **Display banner (video):** This section will display messages and/or titles with a background video for added flair. [\[Appendix\]](#)
- **Book display:** Show books available on display with their respective category on top as a title and clickable link to the Category page. [\[Appendix\]](#)
- **Footer:** Has 4 clickable links 1 of which is Contacts us where it leads to the Contacts page. [\[Appendix\]](#)
- **Homepage:** [\[Appendix\]](#)
 - + Header
 - + Banner video
 - + Book display 1 (Fiction)
 - + Book display 2 (Nonfiction)
 - + Footer
- **Category page:** [\[Appendix\]](#)
 - + Header
 - + Banner video
 - + Book display 1 (sub-category)
 - + Book display 2 (sub-category)
 - + Book display 3 (sub-category)
 - + Footer
- **Contacts page:** [\[Appendix\]](#)
 - + Welcome message on top
 - + Contacts form: containing basic information input section, an option for weekly email subscription and an additional information textbox. With submit and reset buttons.
- **Book Details page:** [\[Appendix\]](#)
 - + Breadcrumb nav: show users the corresponding category of the book, book name. Image spotlight for the book, image gallery below to see

different angles or items inside the collection. Next to it contains the item name, price and Add to Cart button.

2. Out of scope / Under development

Out of Scope	
Features	Status
Promotion Banner	Incomplete (not included)
Shopping Cart	Incomplete (not included)
Shop all gallery	Not started
Image slider	Not started

- **Bugs:**
- + Contact page: The hamburger menu elements for the nav bar clips through the header.
- + Shop tag on navbar doesn't have a destination.
- + Surprise button is not that surprising.

IV. Conclusion

Overall, I enjoyed my time doing this project as it allows me the creative freedom to create a webpage on my own, while providing opportunities for me to learn more about the process into web development. Also providing ways to learn new things and utilize my current knowledge of coding workflow into developing this project. The final product as a whole turned out to be extremely simplistic technically so as the design but it will be something to be improved upon later.

Learning new languages like HTML, CSS and JavaScript, has helped me to get familiar with more new languages and syntaxes, in particular JavaScript has some syntaxes similar to Java which I have had the pleasure of learning last semester, which helped me understand the interaction between files. With the creative freedom provided, I was able to envision my own creation, but due to some limitations I was not able to implement it into the final product.

On that note, I was very fond of doing this project, but I am not satisfied with the outcome to say the least, for me this project is still underdeveloped in which is due to

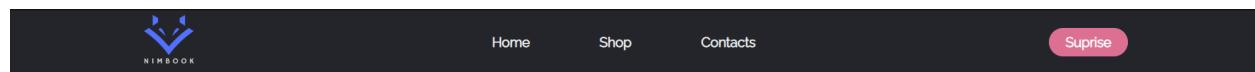
my own incompetence and bad time management that hindered my performances and progress on the project tremendously, a flaw that I aim to rectify in future projects / assignments. Not to end on a bad note, overall I am much more happy with the process of developing this project. It has helped me with realizing how much improvements must be made and how to better manage my time and resources and I would improve upon this experience.

V. References

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 - https://www.youtube.com/watch?v=1Df_VJ4aL9o&t=2618s
 - <https://www.youtube.com/watch?v=yQimogo0-7g&t=3056s>
 - <https://www.youtube.com/watch?v=ZI41tLLxNak&t=1159s>
 - <https://www.youtube.com/watch?v=orBQesFBkXg&t=627s>
 - <https://www.youtube.com/watch?v=PwWHL3RyQgk>
 - <https://www.youtube.com/watch?v=oLgtucwjVII&t=2s>
 - <https://www.youtube.com/watch?v=GdrbE-s5DgQ&t=137s>

VI. Appendix

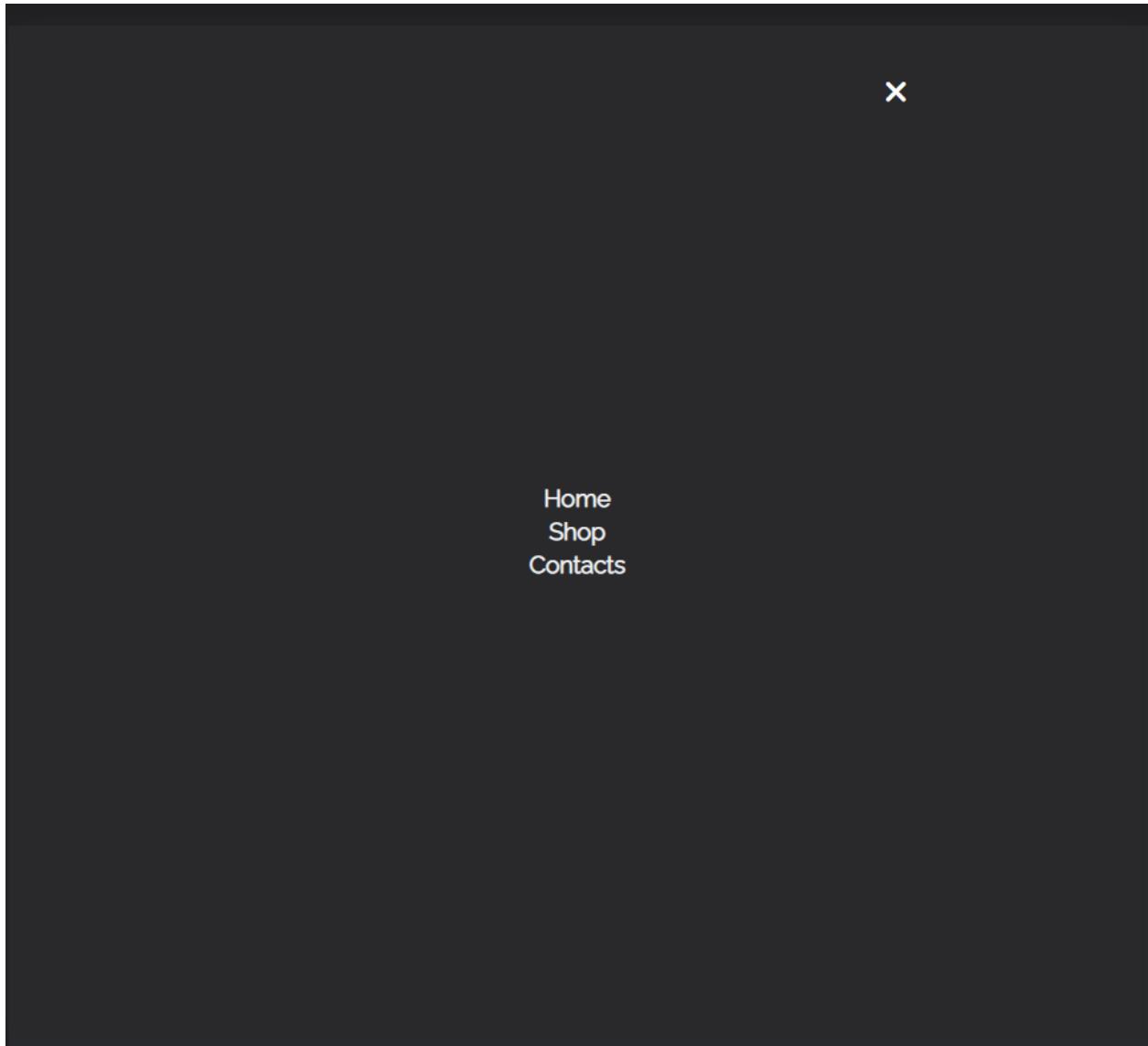
1. Nav bar: Desktop



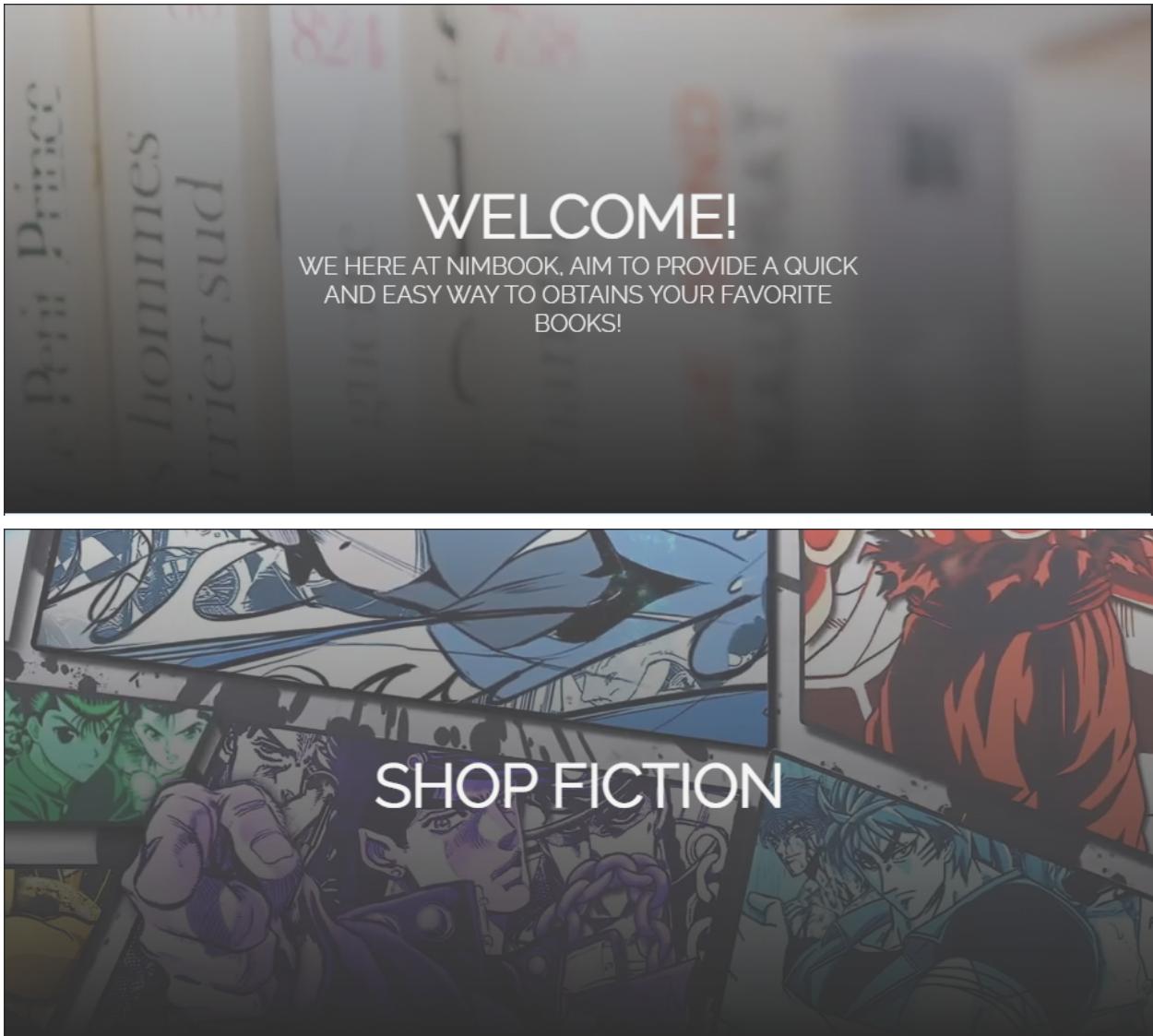
2. Nav bar: Mobile



3. Nav bar: Hamburger menu



4. Banner video:

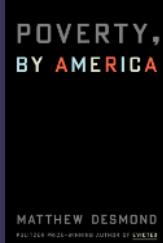




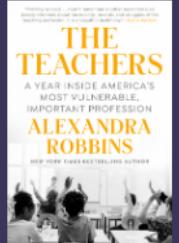
SHOP NON-FICTION

5. Book display:

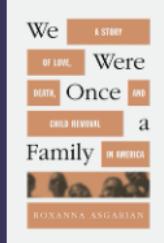
POLITICS AND CURRENT AFFAIRS



POVERTY,
BY AMERICA
MATTHEW DESMOND



THE
TEACHERS
A YEAR INSIDE AMERICA'S
MOST VULNERABLE,
IMPORTANT PROFESSION
ALEXANDRA ROBBINS
NEW YORK TIMES #1 SELLING AUTHOR



We
A STORY
OF LOVE, WERE
DEATH, ONCE AND
CHILD ABUSE
a
Family IN AMERICA
ROXANNA ASGARIAN

[View](#) [View](#) [View](#)

FICTION



SCOTT
PILGRIM
1
by BRYAN LEE O'MALLEY



Demon Slayer
KIMETSU NO YAIBA
by KOYOHARU GOTOUGE



SHERLOCK
Steven Moffat & Mark Gatiss
A STUDY IN PINK

[View](#) [View](#) [View](#)

6. Footer

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7. Homepage:

 [Home](#) [Shop](#) [Contacts](#) [Surprise](#)

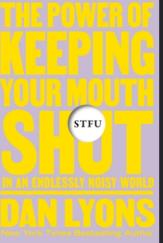
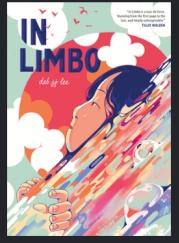
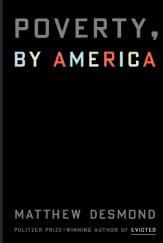
WELCOME!
WE HERE AT NIMBOOK, AIM TO PROVIDE A QUICK AND EASY WAY TO OBTAINS YOUR FAVORITE BOOKS!

FICTION



 [Home](#) [Shop](#) [Contacts](#) [Surprise](#)

NON-FICTION



[View](#) [View](#) [View](#)

[About Us](#) [Privacy Policies](#) [Terms](#) [Contact Us](#)

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8. Category page:

The screenshot displays a website for 'NIMBOOK' featuring a dark-themed header with a logo, 'Home', 'Shop', 'Contacts', and a 'Surprise' button. Below the header is a large banner with a collage of anime-style illustrations and the text 'SHOP FICTION'. The page is organized into three main categories: 'FANTASY', 'THRILLER', and 'ROMANCE', each with a corresponding background color (teal, red, and pink) and a grid of book covers.

FANTASY

- FANTASTIC BEASTS** by J.K. Rowling
- その夜、悪夢を断ち斬れ
- THE LORD OF THE RINGS**

THRILLER

- THE NICE HOUSE ON THE LAKE** by Stephen King
- Fairy Tale** by Stephen King
- SHERLOCK: THE BLIND BANKER**

ROMANCE

The image shows the homepage of the Nimbook website. At the top, there is a navigation bar with links for Home, Shop, Contacts, and a Surprise button. Below the navigation bar, a large pink banner features the word "ROMANCE" in white capital letters. Underneath the banner, there is a grid of three book covers. Each book cover has a "View" button below it. The books are: "SCOTT PILGRIM" (Volume 3), "KOWLOON" (Volume 1), and "HEARTSTOPPER" (Volume 2). The website footer contains links for About Us, Privacy Policies, Terms, and Contact Us, along with a copyright notice for MingKa 2023 TDM.

9. Contacts page:

The image shows the contacts page of the Nimbook website. At the top, there is a navigation bar with links for Home, Shop, Contacts, and a Surprise button. Below the navigation bar, a yellow banner says "GET IN TOUCH WITH US!" and "What's on your mind? Let us know and we will get back to you!". The main content area contains a form for sending inquiries. The form includes fields for Name, Phone, Email, Subject, and a message area. It also includes a checkbox for receiving weekly newsletters. To the right of the form, there is a section titled "Or reach us by" with contact information: Email (contactus@rmit.edu.vn), Phone number (096969420), and Address (702 Đ. Nguyễn Văn Linh, Tân Hưng, Quận 7, Thành phố Hồ Chí Minh 700000). The website footer contains links for About Us, Privacy Policies, Terms, and Contact Us, along with a copyright notice for MingKa 2023 TDM.

10. Book details page:

The screenshot shows a book details page for "SCOTT PILGRIM" Volume 1. At the top, there's a navigation bar with links for Home, Shop, Contacts, and a "Surprise" button. Below the navigation is a breadcrumb trail: Home / Fiction / Romance / Book name. The main content features the front cover of the comic book, which has the title "SCOTT PILGRIM" in large yellow letters, the subtitle "by BRYAN LEE O'MALLEY", and a red circle with the number "1". The cover art shows Scott Pilgrim and Ramona Flowers. To the right of the book cover, the text "SCOTT PILGRIM'S COLOR COLLECTION" is displayed, followed by "Price: 100\$". A "Buy now" button is located below this text.

This screenshot shows a page displaying the first three volumes of the "SCOTT PILGRIM" comic book series. The top navigation bar is identical to the previous screenshot. Below the navigation, there's a row of three small thumbnail images representing the covers of Volume 1, Volume 2, and Volume 3. Each thumbnail shows Scott Pilgrim and various female characters from the series.

This screenshot shows a summary page for the "SCOTT PILGRIM" series. The top part has a yellow header with the title "SCOTT PILGRIM". Below it is an orange box containing the following text: "The series is about Scott Pilgrim, a slacker and part-time musician who lives in Toronto, Ontario, and plays bass in a band. He falls in love with American delivery girl Ramona Flowers, but must defeat her seven evil exes in order to date her in peace." At the bottom of the page, there's a dark footer bar with links for About Us, Privacy Policies, Terms, and Contact Us. A copyright notice "Copyright MingKa 2023 TDM" is also present in the footer.