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I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a marks of zero will be awarded.

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1. Introduction

1.1 About the project

Bookstore, it is an e-business operating functions regarding the sales of books and acquisition of services and commodities via internet. E-bookstore websites are required in order to provide as much as more variety of books to the customers. It also offers user to the facility of online transactions of products and services using internet as a medium of information and payments. In this case, this website is capable of completing all required online transactions for all the products available.

The concept of the website is to eliminate the time wastage and makes mode of payment simple and easy. All the commandments required for the transactions regarding the products may now be accomplished using only a single website.

1.2 Goals and Objectives

The goals and objectives of a project are considered most significant terms of it. This project's main intention is to accomplish real-time experience with website and platform learning and development requiring focus and perfection. It tries to complete all the procedures through online medium for a certain commodity or product available.

My major objective is to create an online bookstore where the customers may get access anytime from anywhere available with internet and examine and review the available books, add to wishlist and perform payment procedures through online or by cash as per customer's preference. The management of the website authorized personnel will add any extra and new books and make available for transactions.

1.3 Use of Html, CSS and Javascript

- **HTML**

HTML is the standard markup language which is used for creating webpages. HTML stands for Hyper Text Markup Language. HTML uses various tags for the identification of various sorts of content of the webpage. HTML elements instructs the browser the way to present the content.

It is a most significant term for any web designer professional and beginners. Every content we see daily in various webpages of internet are all created by using HTML tags and elements. Web pages can be created using HTML with the help of various HTML editor tools. (w3schools.com, n.d.).

- **CSS**

CSS stands for Cascading Style Sheets. It is a simple mechanism for adding style (fonts, colors, spacing) to the web documents. CSS works as an improving tool or fabrication for a webpage. Without CSS, websites may be a plain text on white backgrounds.

CSS has a significant role for the overview of the website layout. It is less complex therefore the effort are significantly reduced. The most important fact is the CSS changes are device friendly. It helps us to conveniently form spontaneous and consistent changes as per the need of the developer (geeksforgeeks.org, n.d.)

- **Javascript**

Javascript is a lightweight, interpreted, object-oriented language with first class first-class functions, and is best known as the scripting language for writing webpages on various websites. It is even used in different non-browser environments as well. Its main objective for its wide use is because it easily allows the developer to make their web pages interactive. In a nutshell, javascript is a dynamic scripting language supporting prototype based object construction.

Javascript can function both as a procedural and an object-oriented language. Javascript runs on the client side of the web, which can be used to design or program how the web pages behave on the occurrence

1.4 Verdict

In my opinion, bookstore website consists of all the essential factors which are considered by customers while buying books. The website provides an proper interactive interface for the customers to operate as much easily as possible. Customer satisfaction is kept as the major goal of the website. This is actually not a commercial website but focusing on its usage and capability, it may be possible to satisfy the needs of the customers in future days.

2. Discussion and Analysis

2.1 Visual Studio Code

Visual Studio Code is a lightweight but a powerful source code editor which runs on your desktop and is available for purchase. It comes with built-in support for JavaScript, TypeScript and Node. It is widely supported on most famous operating systems such as Windows, Linux, and MacOS. It provides a rich ecosystem of extension for other languages like java, python, PHP etc. It enables a developer to conveniently modify the layout, icons, fonts and even color schemes (visualstudio.com, n.d.)

2.2 Tools used for Wire Frame

- **Balsamiq wireframes**

Balsamiq wireframe is a user interface design tool for creating wireframes. Wireframe is a illustrative, or blueprint that assists the programmers to design a proper structure of the software or website being developed. It is generally used to generate digital sketches of your idea or concept for an application or website, to facilitate discussion and understanding before or while writing any code. The completed wireframe can be used for various purposes by the developers.

2.3 Web pages

- **Home page**

Home page is the first interface of the website customer will see at the beginning. Home page has various fields separated to surf on for the customers as per their preference. It access customers to the special features of the website such as products, blog, research, and contact us. Many special and chosen products are already on the display of the home page for the customers to take a review with their photo, name of the book, name of the author and price in certain windows. Customers are offered with the facility to contact the administrators from Contact Us page. (developer.mozilla.org, n.d.)

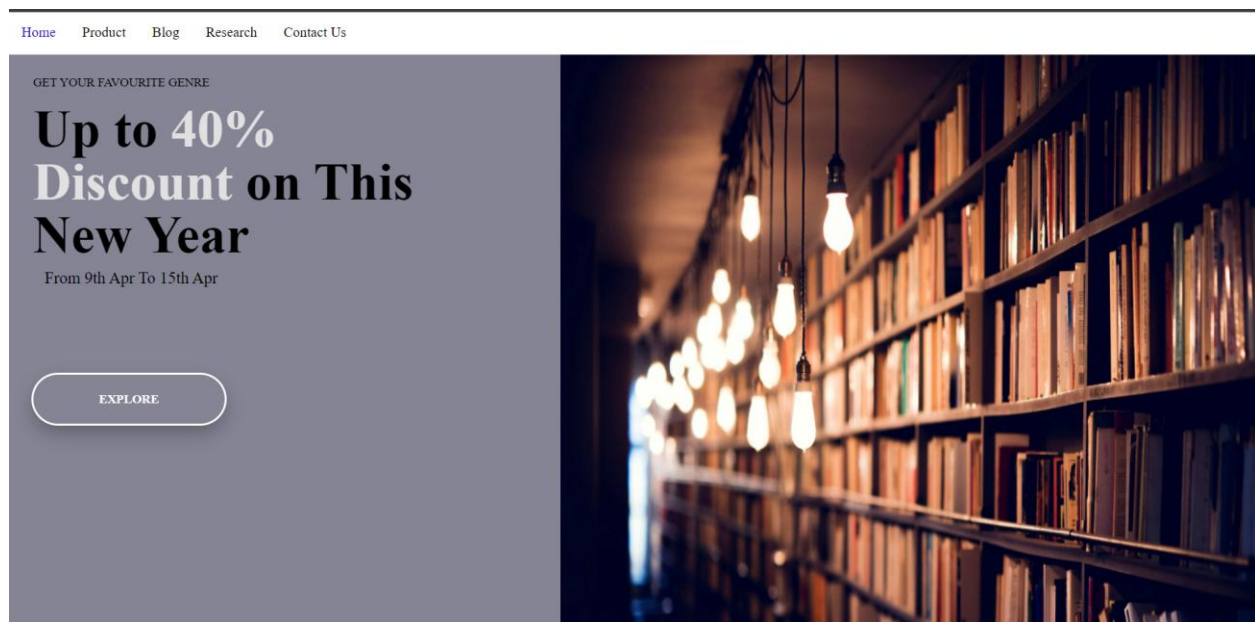


Figure 1 Display of Home Page

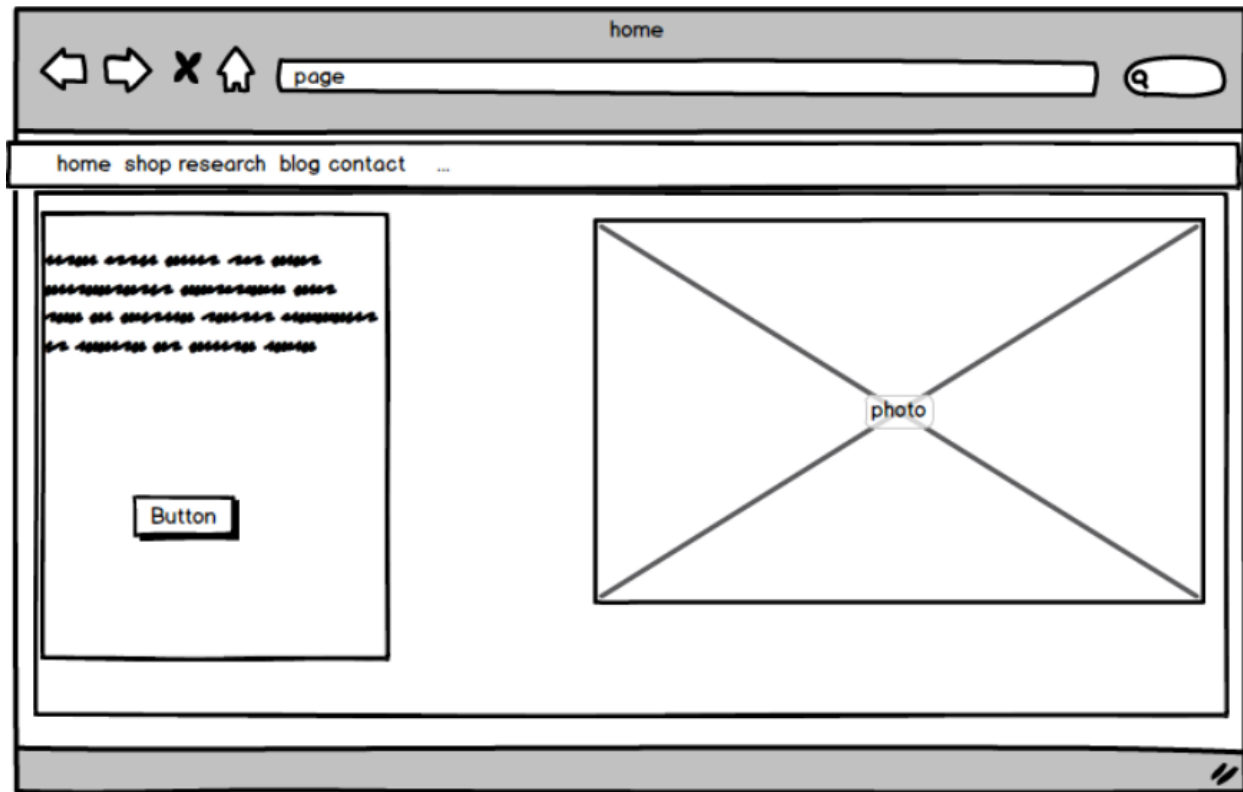


Figure 2 Wireframe of Home Page

- **Product page**

This page contains all the products available to be purchased from the website.

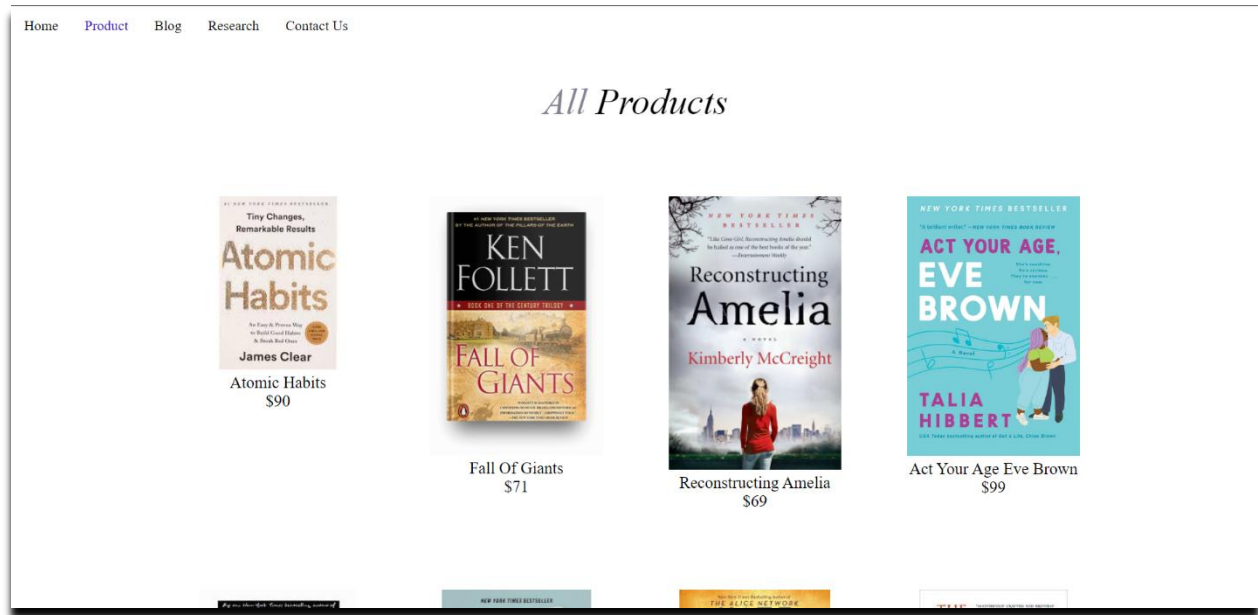


Figure 3 Display of Product Page

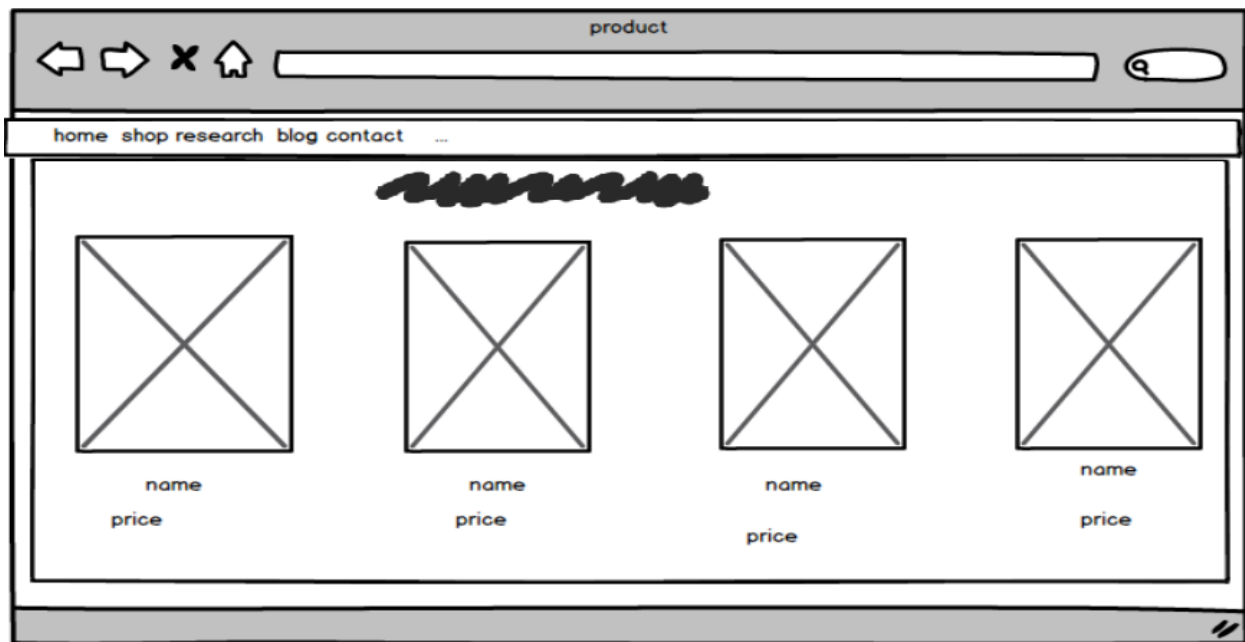


Figure 4 Wireframe of Product Page

- **Blog page**

Blog is an online journal where an individual, group, or corporation group presents a record on the basis of their thoughts, activities and beliefs.
(Britannica.com n.d.)

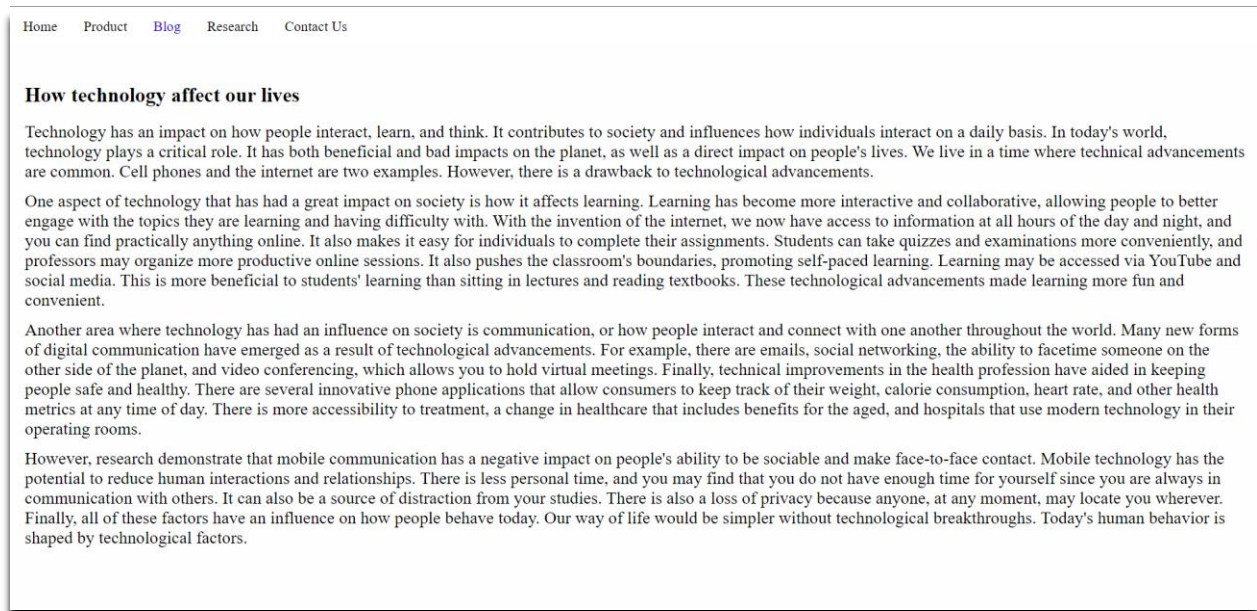


Figure 5 Display of Blog Page

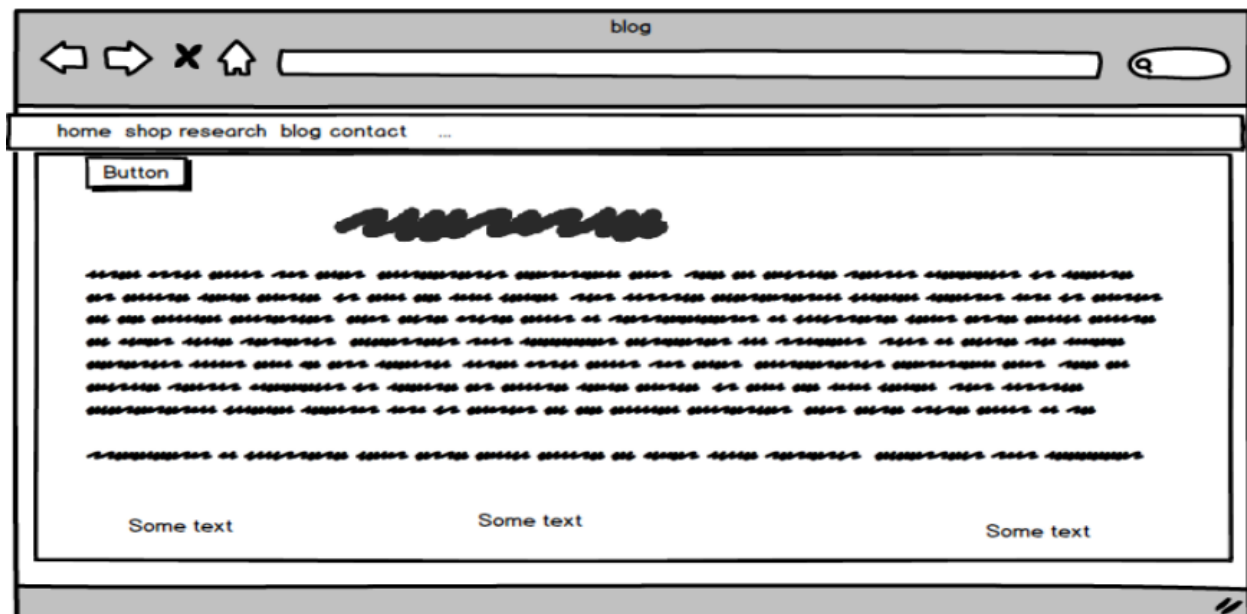


Figure 6 Wireframe of Blog page

- **Research page**

A research page is a kind of reference page in a website containing the image of the built website and the website from where the references were taken for building website. It makes easy to learn and create other websites.

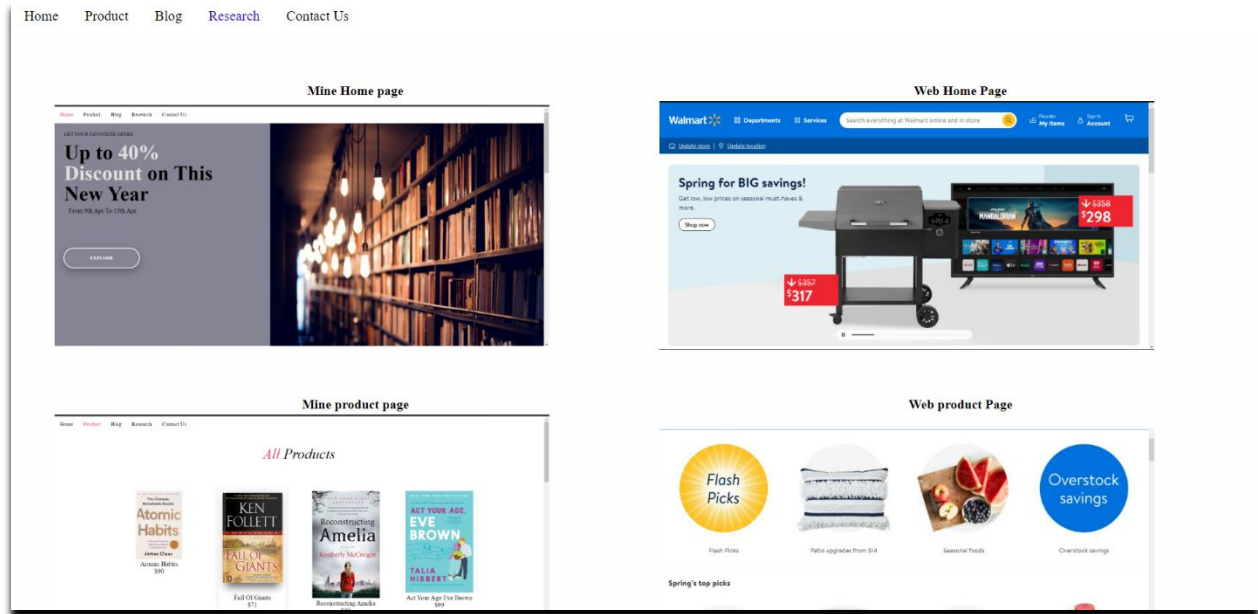


Figure 7 Research Page

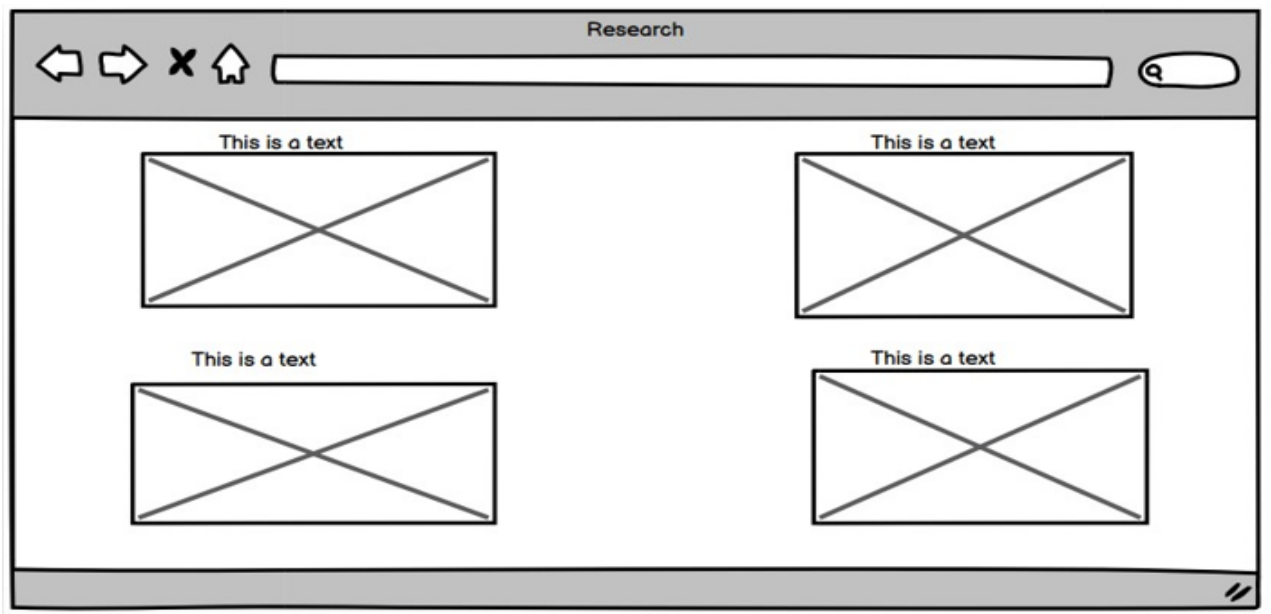


Figure 8 Wireframe of Research Page

- **Contact Us Page**

Contact page contains various information fields where a customer has to enter their details as marked on the particular field. Those fields are for storing information of the customers in order to contact by the administrator.

The image shows a contact form titled "CONTACT US". It contains five input fields: "Name", "Subject", "Phone", "Email", and "Message". Below these fields is a "SUBMIT" button. The form is centered on a page with a navigation bar at the top containing links: "Home", "Product", "Blog", "Research", and "Contact Us".

Figure 9 Contact Us Page

The image is a wireframe of a contact page. It shows a browser window with a navigation bar at the top containing links: "home", "shop", "research", "blog", "contact", and "...". Below the navigation bar is a contact form. The form has five input fields, each labeled "Some text", and a "Button" at the bottom. The form is centered on the page.

Figure 10 Wireframe of Contact Us page

3. Testing

3.1 Test 1

Objective	To check if hover is working or not.
Action	Hover effect is being checked.
Expected Result	The navigation bar of every pages should changes its color when cursor is placed over there.
Actual Result	Text color is changed.
Test	Hover effect was successful.

Table 1 Test 1

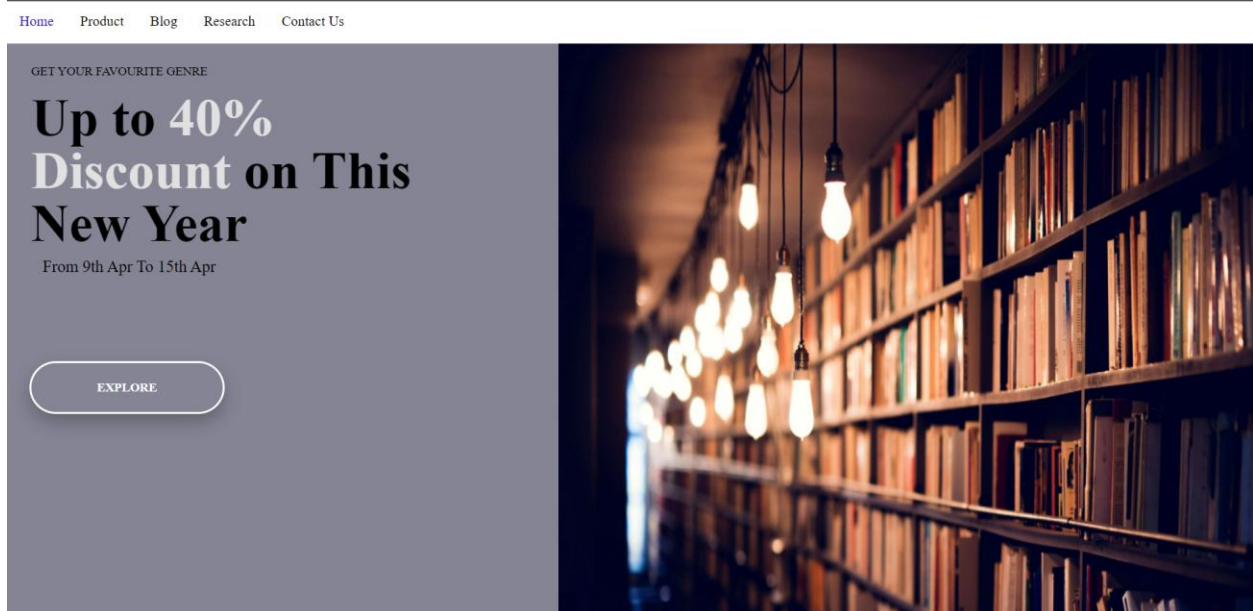


Figure 11 Before-Test 1

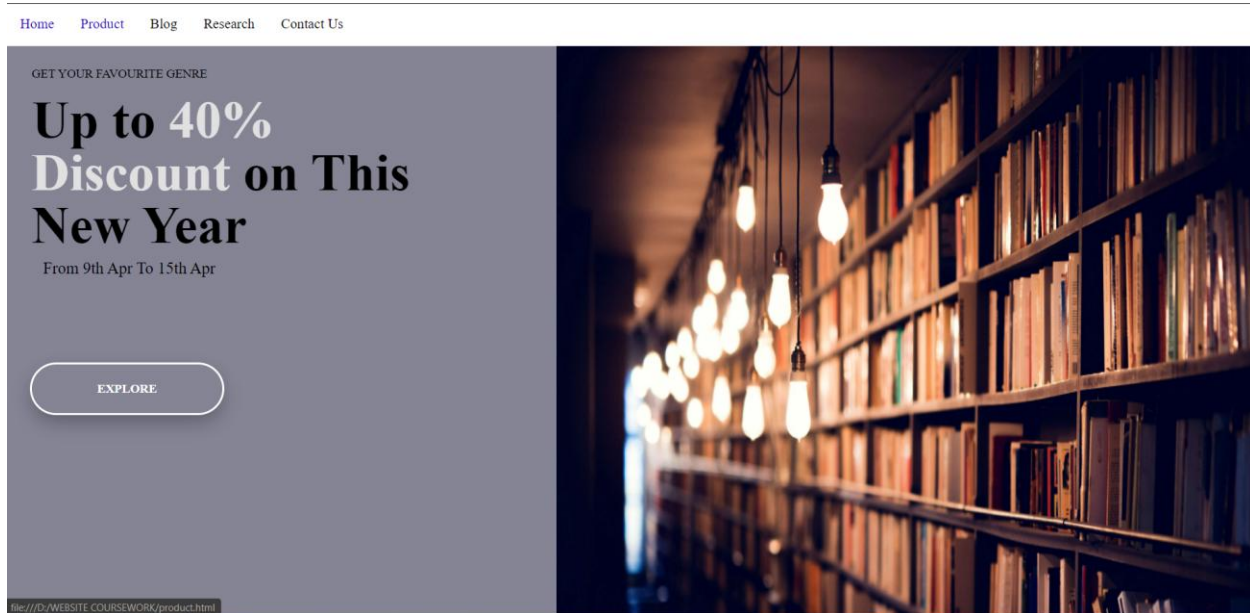


Figure 12 After-Test 1

3.2 Test 2

Objective	To check the internal link.
Action	Click on EXPLORE button of home page.
Expected Result	Product page should open.
Actual Result	Product page got opened.
Test	Test is successful.

Table 2 Test 2

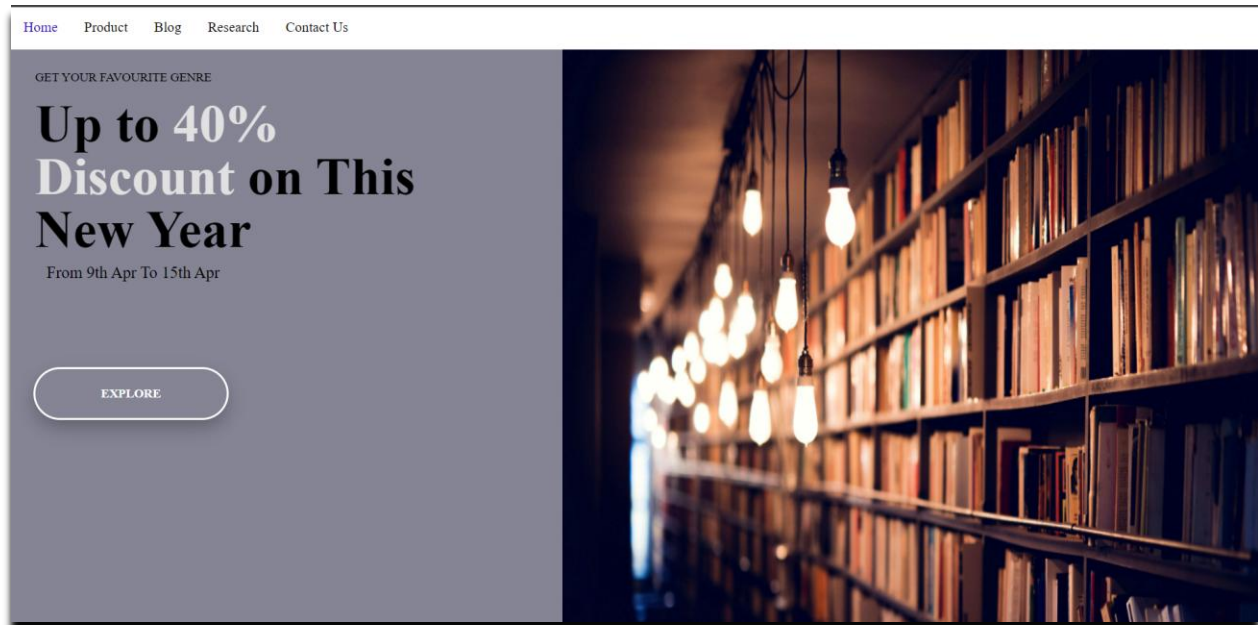


Figure 13 Before-Test 2

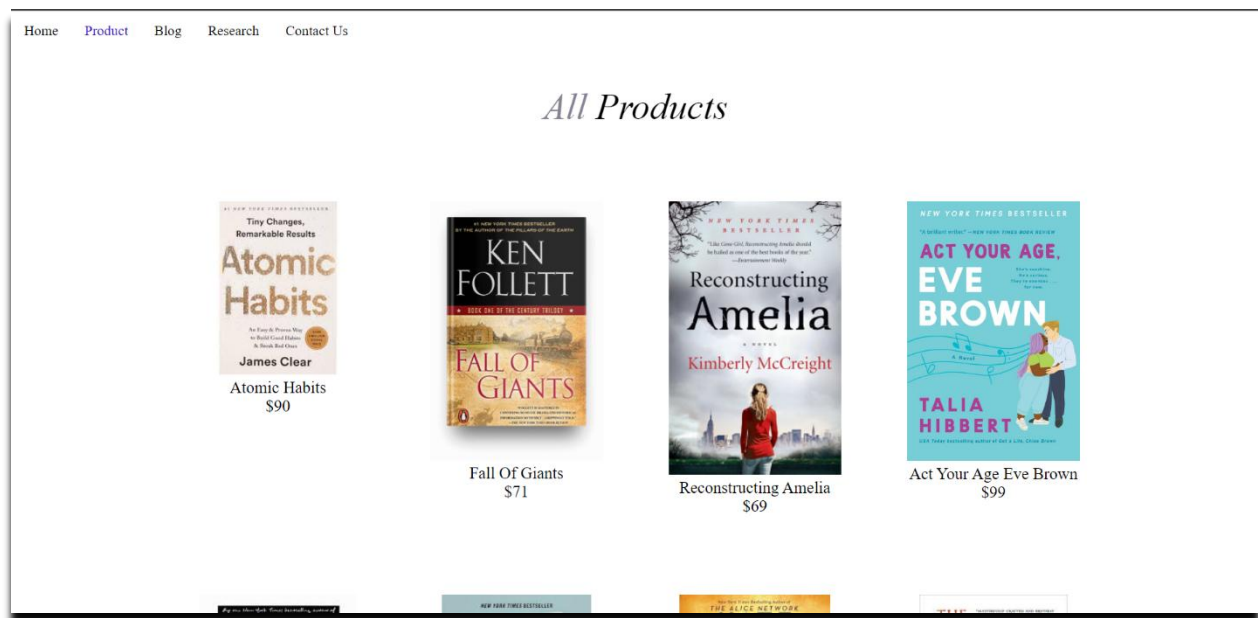


Figure 13 After-Test 2

4. Conclusion

The aim of the mission become to create a web bookshop. The internet site has been created with Visual Studio Code, a HTML content editor. The mission become finished in compliance with the necessities of the course. As an end result of my education, I am learning the basics of web site design and development. I first designed the wireframe from Balsamiq which helped me to improve my design and make it interactive. This has assisted me notably in my lecturers and could preserve to accomplish that in destiny assignments. I become first intimidated through this sort of paintings and classes, however after finishing and attractive on this curriculum, I am now assured in my capacity to reply any questions which might be posed to me regarding my project. For the coursework, I applied screenshots, textual content, word, Balsamiq, and numerous different programs.

While designing the website, particularly the design, specification, and execution of a internet site, become referred to the assigned coursework. Wireframes and screenshots have been used to fine-track the internet site. The record become used withinside the equal manner at the internet site because it comes along the record file, with introductions, discussions, and analyses, in addition to causes and contents for the websites, and trying out with all five webpages. I first struggled with writing the screenplays, however I in the end were given the hold of it. I completed the project after going over the lecture slides, academic and workshop sessions, my module teacher, my friends, and, maximum importantly, the net and YouTube. I took references from many websites and journals which I have referred in the report too. This is likewise how I managed a position to finish my assignment through appearing studies and finding applicable information.

References

www.w3schools.com
www.geeksforgeeks.org
www.developer.mozilla.org
www.visualstudio.com
www.britannica.com