



slingshot college
(इस्लिङ्टन कलेज)

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CS4001NI Programming

Assessment Weightage & Type
40% Individual Coursework

Year and Semester
2021- 22 Autumn-2

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Assignment Due Date: 8th April, 2022

Assignment Submission Date: 8th April, 2022

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

Contents

1. Introduction	1
1.1. Introduction to the project.....	1
1.2. Goals and objectives	1
1.3. How HTML, CSS and JS are used.....	1
1.4. Verdict.....	2
2. Discussion and Analysis	2
2.1. Visual studio code	2
2.2. Balsamiq Wireframe	2
2.3. Screenshot of Wireframes.....	3
2.4. Screenshot of page	6
3. Testing	13
3.1. Test 1:.....	13
3.2. Test 2.....	16
3.3. Test 3.....	19
3.4. Testing 4.....	21
3.5. Testing (Internal External)	22
4. Conclusion	23
5. Appendix:	24

Table of Figures:

Figure 1: Wireframe of Homepage	3
Figure 2: Wireframe of the Products page.....	4
Figure 3: Wireframe of Research page	4
Figure 4: Wireframe of the Blog page.....	5
Figure 5: Wireframe of Contact us page.....	5
Figure 6: Screenshot of Homepage	7
Figure 7: Screenshot of the Products page	8
Figure 8: Screenshot of the Blog page	9
Figure 9: Screenshot of Contact page.....	10
Figure 10 Research Page	11
Figure 11 Blog Details	12
Figure 12:Screenshot of Internal link.....	22
Figure 13: Screenshot of External link.....	22

Table of Tables:

Table 1: Table of testing 1	13
Table 2: Table of testing 2	16
Table 3: Table of testing 3	19
Table 4: Table of testing 4	21
Table 5: Table of testing 5	22

1. Introduction

This endeavour was both enjoyable and demanding. Because the provided material was insufficient, we were taught in class that this coursework could no longer be completed. It will take our effort and commitment to the research. This project aims to create a beautiful and pleasant personal portfolio website using HTML5, CSS3, and JavaScript. HTML5 is used to write all of the content on a web page, CSS3 is used to style that content, and JavaScript is used to make the website work properly.

1.1. Introduction to the project

The Aryan store is an e-commerce website that sells books. This website is designed by using all three HTML, CSS and JavaScript. I have used HTML to structure the content of the page and CSS is used to manage the look of the website i.e. to make the web page attractive and JavaScript is used to make the web page interactive.

1.2. Goals and objectives

To create a static website using the latest technology HTML, CSS and JavaScript.

Objectives

1. See multiple similar websites and collect ideas for UI and Ux.
2. Learn to use HTML and customize UI using CSS tool.
3. Add a life on HTML using JavaScript.
4. Learn the good practice of using CSS class and file arrangement.

1.3. How HTML, CSS and JS are used

HTML 5

HTML 5 is a modern mark-up language for giving web elements correct structure. It was not only the mark-up language but also used to structure the web element because it is supported by many recent browsers and evolves faster than others. HTML5 was created by a consortium of W3C, Web Hypertext Application Technology, and Mozilla web developers working together. It improves ways of arranging elements in this edition, as well as provides a media booster.

CSS 3

It is used to give HTML documents proper style, as its name suggests. It can modify an HTML document's entire structure and make the web content more appealing. It changes the appearance of the HTML document. It provides a plethora of web

formatting possibilities. CSS codes are small and simple to change if necessary. The CSS extension recolonizes a CSS file.

JavaScript

JavaScript is a simple programming language for creating dynamic web pages. JavaScript is a scripting language that is interpreted. It is utilized in web applications because it is supported by the majority of recent browsers and allows for easy changes to HTML and CSS content. Because no variables must be declared and the program's error is quiet, this is a dynamically typed language.

1.4. Verdict

The given website was made using HTML, CSS and JavaScript. HTML was used to do the basic things of the webpage such as creating the body and the divisions with the images and creating tables and forms. CSS was used to style the forms, buttons, tables as well as divisions that were created using HTML. Lastly, JavaScript was used to make the page more responsive and user friendly.

2. Discussion and Analysis

In performing this coursework, I've run into a lot of issues. This homework will be completed with the support of continuous research and frequent visits to the teacher. Using the free application Balsamiq, I initially constructed a wireframe for my website. The wireframe is a website's outline or map that depicts how the website will look. The wireframe is the website's skeleton, and it only depicts how the site will seem once it has been fully designed. The wireframe is created initially, followed by the creation of the web page in compliance with the wireframe. To create a wireframe, I had to research how to draw the skeleton of a web page on several websites. I had no concept of how to build wireframes at first, and I had no notion of what I was doing.

2.1. Visual studio code

Visual Studio Code is a free coding tool that makes it easy to get started coding. It allows you to code in any programming language without having to switch editors. Many languages are supported by Visual Studio Code, including Python, Java, C++, JavaScript, and others.

2.2. Balsamiq Wireframe

Balsamiq Wireframes is a wireframing tool for building user interfaces. It can be used to create digital sketches of your application or website's idea or concept to aid conversation and understanding before any code is created.

2.3. Screenshot of Wireframes

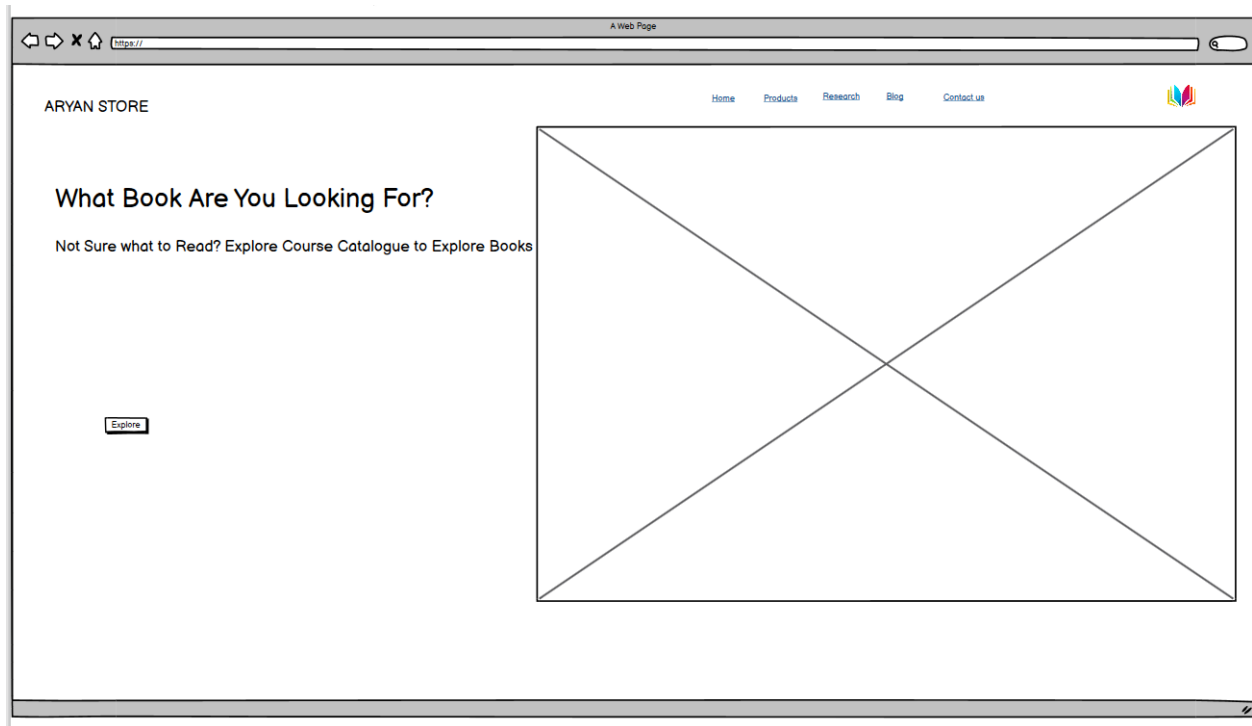


Figure 1: Wireframe of Homepage

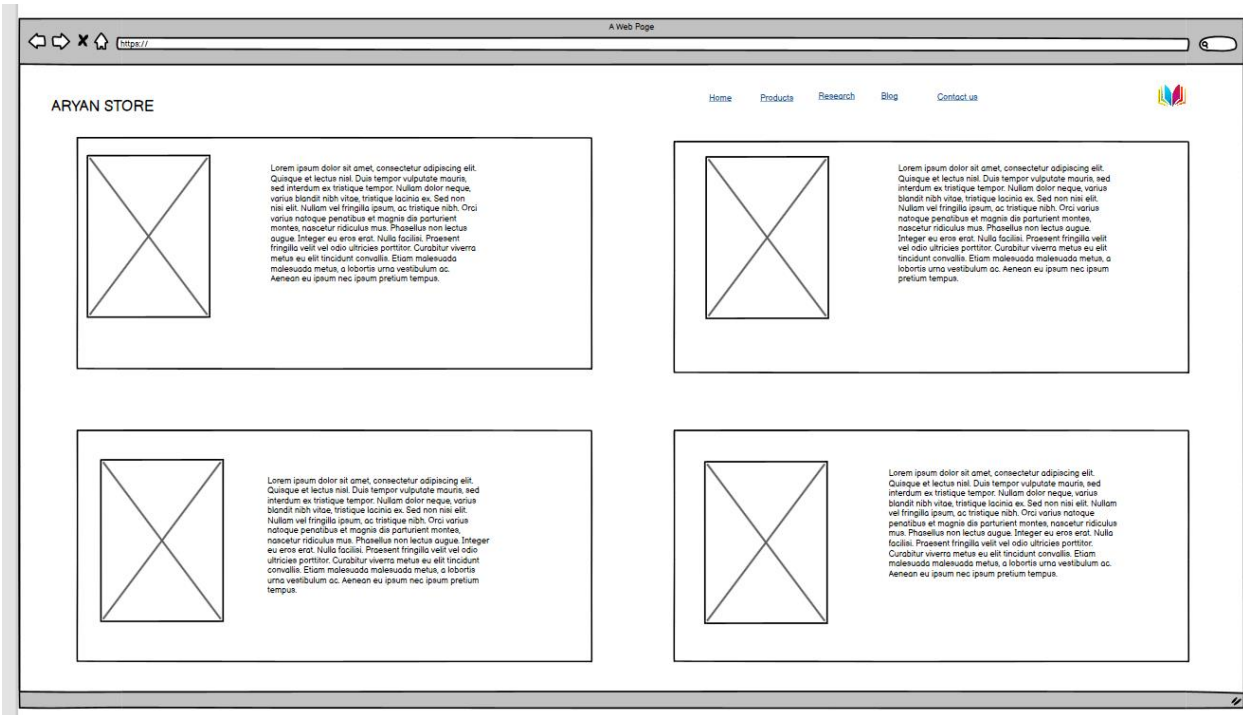


Figure 2: Wireframe of the Products page

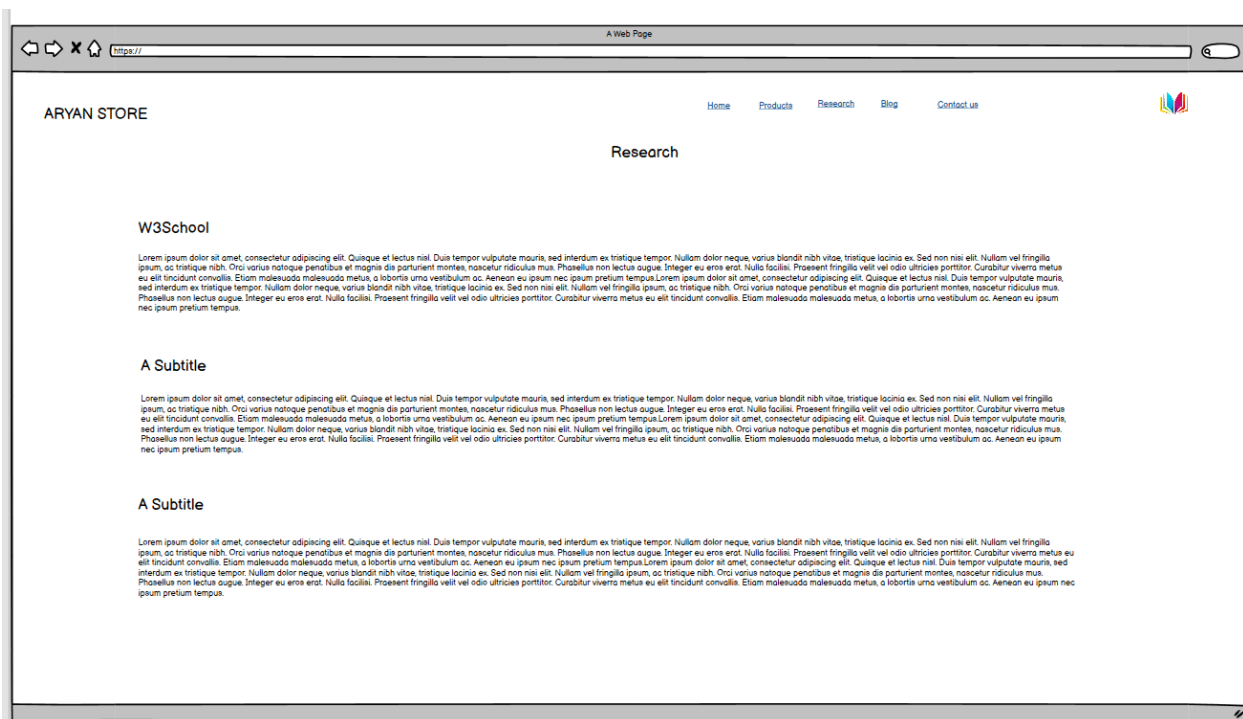


Figure 3: Wireframe of Research page

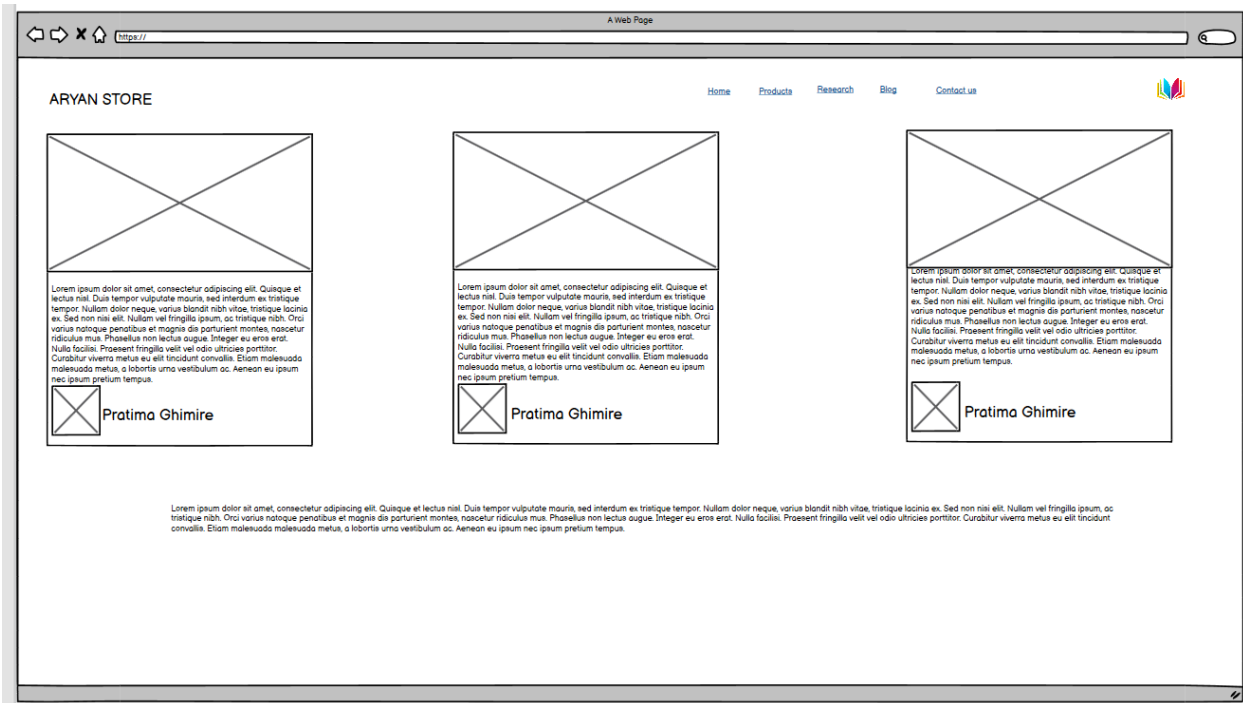


Figure 4: Wireframe of the Blog page

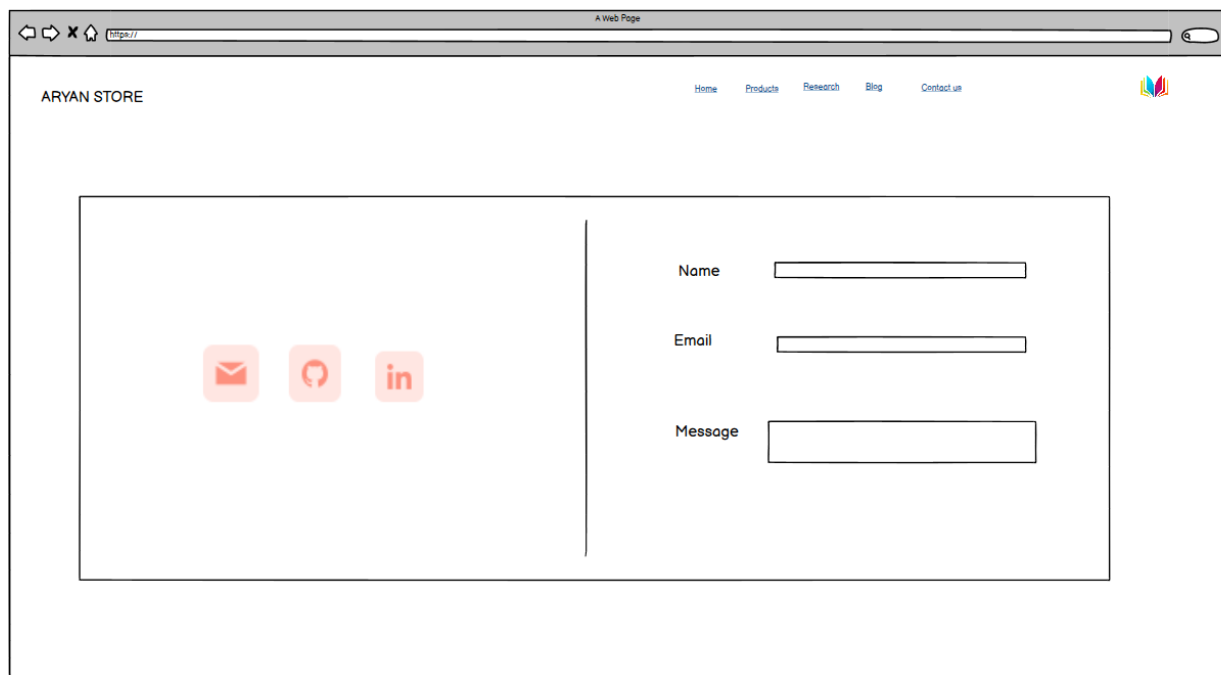


Figure 5: Wireframe of Contact us page

To finish this project, you'll need to plan after designing the website's wireframe. For this project, I had to research many websites and examine the source code of various appealing web pages to see how they handle HTML.CSS codes, and tags I began my endeavour after a two-week research period on the subject. The bracket is an open-source and basic text editor. After you've chosen your text, editor Because HTML5 is more advanced than other mark-up languages. I choose it as my mark-up language. More mark-up features are available in this edition than in previous versions to add a touch of class.CSS3 is used on my website, which was created using HTML. The Java scripting language is a type of programming language that because Java Script is lightweight, was employed to make this web page interactive. The programming language that allows you to effortlessly move across the internet. After that, I had written, that these files are in brackets because they are simple to use and provide a live function.

Combining all three HTML, CSS, and JavaScript in a web page was difficult for me. It was tough for me to comprehend how to use CSS until I discovered that there are three ways to apply CSS in an HTML file: internal, external, and inline CSS. CSS which is written outside the HTML file is termed external CSS. This CSS is stored in a file with the extension.css. In HTML, this is done by mentioning the link. Internal CSS is a CSS writing guideline in which CSS is written within the style tag of the same HTML document. It merely alters the appearance of the HTML file in which CSS is written. External CSS can be changed by internal CSS. CSS written in the style attribute of an HTML tag is known as in-line CSS. Both external and internal CSS can be changed with inline CSS. On my web page, I used all three types of cascading rules.

2.4. Screenshot of page

Home Page

Aryan Store

[Home](#)

[Products](#)

[Blogs](#)

[Contact](#)

[Research](#)



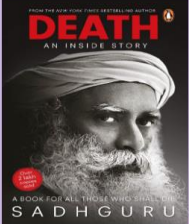
What Book Are You looking For ?

Not Sure What to Read? Explore Course Catalogue to Explore books.

[Explore Now](#) →



15 mins read



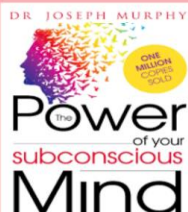
Death An Inside Story

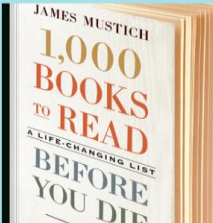
Death is a taboo in most societies in the world. But what if we have got this completely wrong? What if death was not the catastrophe it is made out to be but an essential aspect of life, rife with spiritual possibilities for transcendence? For the first time, someone is saying just that.

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Fugiat beatae accusamus consectetur molestiae illum error quae consequuntur, inventore minus nemo repellat fugit commodi obcaecati corporis odit officiis aperiam minima corrupti iure! Voluptatum quam sint officiis dolore ipsam odit consectetur neque, omnis facilis reiciendis nihil saepe perferendis fugiat. Veniam, voluptate amet. [See more](#) →

Power of Subconscious Mind

Remember when the internet was new, few people were running online businesses, and everything that had to do with it felt kinda sketchy? That's what self-help must've felt like in the 1960s. The genre has been around for books since the turn of the 20th century, but it only really became popular in the late 80s to early 90s. Much of what came before was booted off the shelf, so to speak. [See more](#) →



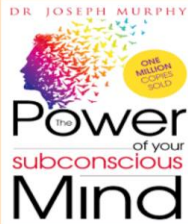


100 Books To Read

Lorem ipsum, dolor sit amet consectetur adipisicing elit. Inventore blanditiis molestias mollitia quidem iste asperiores nemo eaque tempora nisi animi placeat eos alias sit dolore qui, neque eum fugit facilis, temporibus voluptates! Ea, itaque ipsum modi ad nostrum saepe? Nobis, quisquam non! Et inventore, accusamus aspernatur necessitatibus dolores obcaecati eligendi tenetur aut provident quibusdam quidem numquam explicabo soluta ea, nesciunt, fugit commodi! Est velit fugiat corporis. Dolor quos consequuntur alias, enim iste voluptate magnam totam facere similique esse reprehenderit saepe consectetur voluptatibus, vel tenetur mollitia pariatur laboriosam, illo iusto ipsum perspiciatis voluptas accusantium? Molestias accusantium quia, sapiente optio voluptas quaerat. [See more](#) →

Death An Inside Story

Lorem ipsum dolor sit amet consectetur adipisicing elit. Atque deserunt blanditiis incidunt nostrum vero natus officia velit aut cum aliquid doloribus iusto, repellendus, voluptas eos porro? Earum ipsam sapiente impedit cupiditate animi sunt libero quibusdam adipisci, ex deleniti a rem facere fugit asperiores aliquam quidem! Nemo cum illum, cumque culpa rem aspernatur, facere laborum numquam praesentium nam minus assumenda pariatur nulla vel ratione! Non inventore repellat alias dolore labore error tempora quo aut atque voluptate nemo ea, minima veniam. Eligendi veniam vero maxime pariatur nostrum reprehenderit ut quasi esse facilis ratione, nesciunt expedita eius soluta quidem sapiente inventore placeat ex? Saepe praesentium facilis doloribus sequi ullam tempore, beatae, cupiditate eligendi consequuntur rem officiis minima, nemo porro dignissimos labore iusto voluptates corporis excepturi dolor! Dicta, perspiciatis soluta asperiores eveniet eaque id ratione? Temporibus atque eorum beatae tempora consequatur deserunt eius at, cumque iusto, voluptatum natus enim maxime incidunt sed praesentium aspernatur! [See more](#) →




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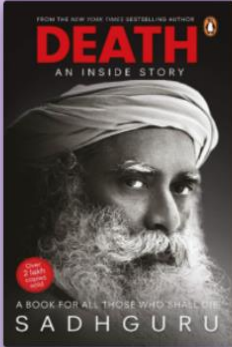
Figure 6: Screenshot of Homepage

Product Page

Aryan Store

HomeProductsBlogsContactResearch

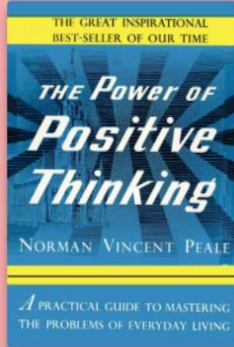




Death An Inside Story
by Sadhguru
1.987 rating

Death is a taboo in most societies in the world. But what if we have got this completely wrong? What if death was not the catastrophe it is made out to be but an essential aspect of life, rife with spiritual possibilities for transcendence? For the first time, someone is saying just that.

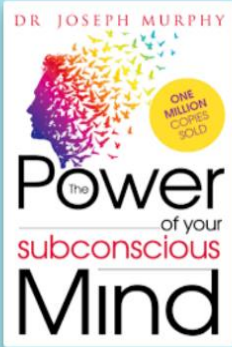
[See the Book](#)



Power Of Positive Thinking
by Dr. Norman Vincent
4 rating

- Believe in yourself and in everything you do
- Build new power and determination
- Develop the power to reach your goals
- Break the worry habit and achieve a relaxed life
- Improve your personal and professional relationships

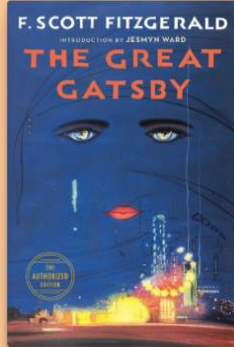
[See the Book](#)



The Power of Subconscious Mind
by Dr Joseph Murphy
4 rating

Did you know that your mind has a 'mind' of its own? Yes! Without even realizing, our mind is often governed by another entity which is called the sub-conscious mind.

[See the Book](#)



The Great Gatsby
by F. Scott Fitzgerald
1.987 rating

The novel was inspired by a youthful romance Fitzgerald had with socialite Ginevra King

[See the Book](#)

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Figure 7: Screenshot of the Products page

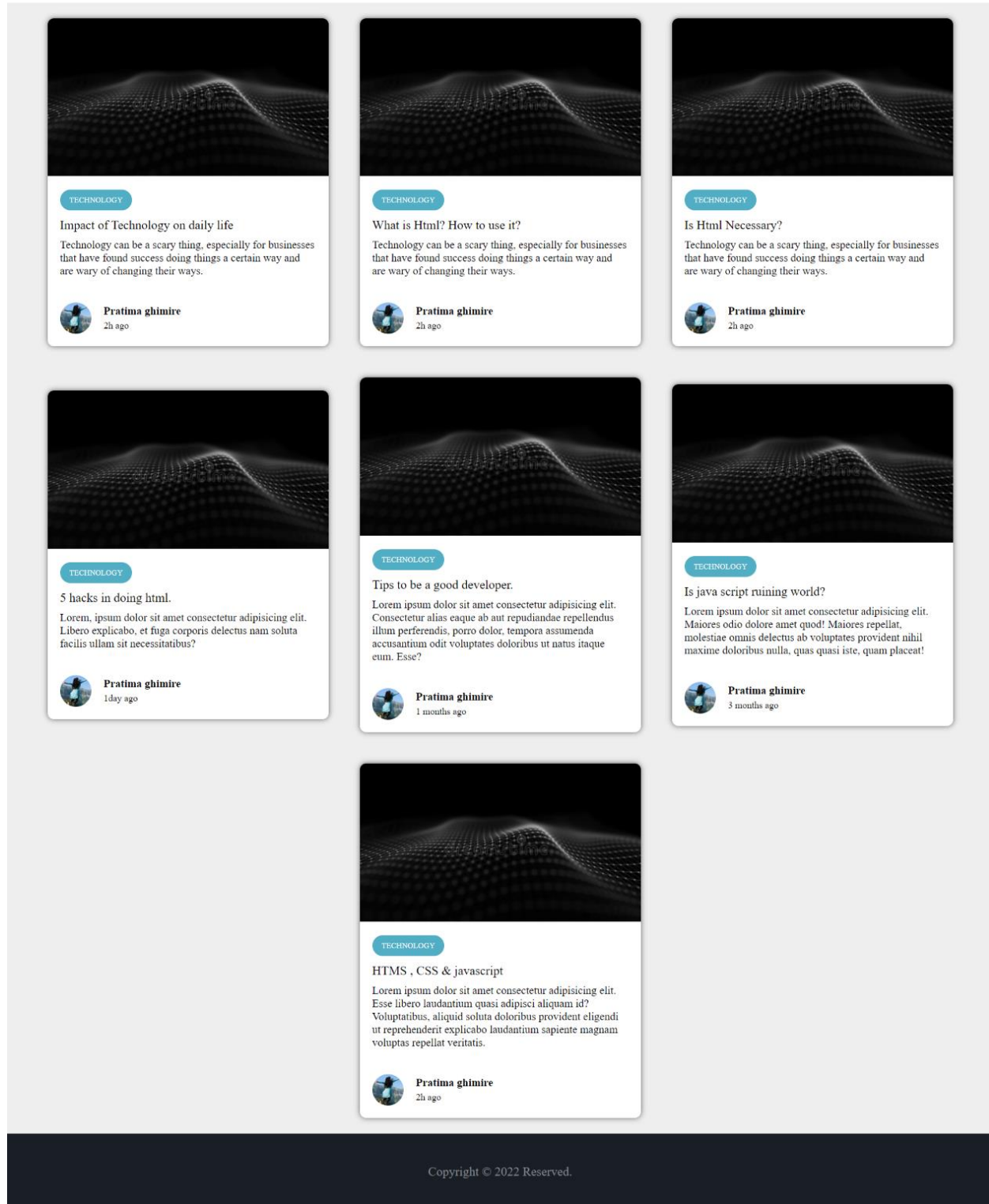





Figure 8: Screenshot of the Blog page



CONTACT



Name:

Email:

Message:

Send

Figure 9: Screenshot of Contact page

Research Page

Aryan Store

Home

Products

Blogs

Contact

Research



Research

Since it was not possible to complete this project with the resource which was given by teacher during classes. since this project was completed with research and study in different books tutorial website and different webpage source. To complete this project lot of webpages have been visited some of the webpage which I have included in this page .

Design Inspiration

Dribbble

Discover the world's top designers & creatives

Dribbble is the leading destination to find & showcase creative work and home to the world's best design professionals.

Sign up

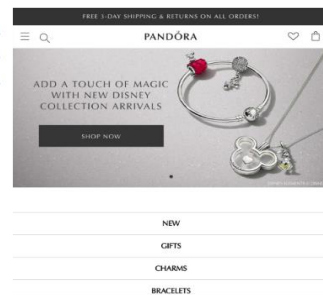
Dribbble is a hub for designer. designer over the world has published the best work of their to dribbble. What i found good about dribbble is Best designer suggest on others designer UI and also we can latest design ways.

dribbble.com/

us.pandora.net

This is the official e-commerce page of jewellery since it has many photos. it has managed all the photos in attractive ways. I have learned to arrange box or ways to use css in arranging the elements inside the web page from this website. Same as this website I have also tried to manage all the elements inside the page in attractive way.

us.pandora.net



Place Where i studied

W3 School

Learn to Code

With the world's largest web developer site.

Search our tutorials, e.g. HTML



Not Sure Where To Begin?

W3Schools is a website for web developers, containing tutorials and references on web development languages like HTML, CSS, JavaScript, PHP, SQL, and JQuery, as well as other topics. It has listed all HTML tags with descriptive document. I found it as a best resource to learn [HTML](#), [JS](#) and [CSS](#).

Live run environment on W3 school increases learning speed and don't need to setup any environment to test code.

www.w3school.com

Technology Used

HTML

HTML 5 is a modern markup language used to give proper structure to the web Element. It was not only the markup language, since it is supported by many modern browsers and it develops fast that other so it is used to give structure to the web element. HTML5 is developed by collaborative group of W3C and Web Hyper Text Application Technology and Mozilla web Developers. In this version it improves ways of arranging elements that also give media booster.

CSS

(Cascading Style sheet 3) As its name it is used to give proper style to HTML document. It has ability to change whole structure of HTML document and makes the web content attractive. It gives the HTML document a new way how it looks. It gives numerous web formatting options. The codes of css are light weight and easy to modify if needed. CSS file is recolored by .css extension.

JS

JavaScript is a light weight programming language which we used to make web page interactive. JavaScript is interpreted language. It is used in web application because of it is supported by most of the modern browsers and it has ability to change content of HTML and CSS easily. This is dynamically type language since no need to declare variables and error of that programs is silent.

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Figure 10 Research Page

Blog Details Page

Aryan Store

[Home](#)

[Products](#)

[Blogs](#)

[Contact](#)

[Research](#)



Impact of Technology on Daily life

Introduction

Technology has an impact on how people communicate, learn, and think. It contributes to society and influences how individuals interact on a daily basis. In today's world, technology plays a critical role. It has both beneficial and negative repercussions on the planet, as well as a direct impact on people's lives. Technology has changed our lives and has made the world smaller with faster communication, instant information access, and online interactions. Technological advancements have brought everything to our fingertips, making life more enjoyable and convenient.

Impact on business

Small firms might benefit from business technology to improve their communication procedures. Emails, messaging, websites, and apps, for example, help businesses communicate with customers more effectively. Companies can saturate the economic market with their message by employing a variety of information technology communication tactics.

Impact on Study

Technology creates a more engaging learning environment. It improves collaboration and incorporates different learning styles. It also boosts motivation and allows students to self-pace. Students benefit from technology because it gives them fast access to knowledge, rapid learning, and engaging ways to apply what they've learned. It allows students, particularly in STEM, to explore new disciplines and get a better comprehension of complex concepts.

Negative Impact

Eye strain and difficulties focusing on crucial tasks may be caused by social media and mobile devices, which can lead to psychological and physical problems. They may also play a role in more significant health issues including depression. Overuse of technology may have a greater impact on children and teenagers who are still developing. While the seemingly limitless amount of knowledge available on the internet appears to be beneficial to education, it appears that it has not made a significant contribution to the cause of education. Because knowledge is readily available, there is an overuse of technology in the classroom, which plainly has a detrimental impact on the learning process. In addition to encouraging plagiarism and cheating in the classroom, over use of technology and the Internet has harmed analytical and critical thinking skills. This isn't just conjecture; studies have demonstrated that higher use of entertainment technology like video games and social media is associated with lower academic achievement.

Conclusion

Technology is extremely beneficial to today's society, providing several new opportunities in a variety of disciplines; nevertheless, when the boundaries are crossed and the public loses control of these devices, there is a dilemma that can have major ramifications for human growth...

Add Comment

Quick links

[Introduction](#)

[Impact on business](#)

[Impact on Study](#)

[Negative Impact](#)

[Conclusion](#)

Figure 11 Blog Details

3. Testing

After each project is completed, testing is required to determine whether the project was successful or not. In addition, I performed both black box and white box testing.

White Box testing is a type of testing that involves looking at the code for errors. I used the W3school validator and installed plugins in brackets to do white-box testing.

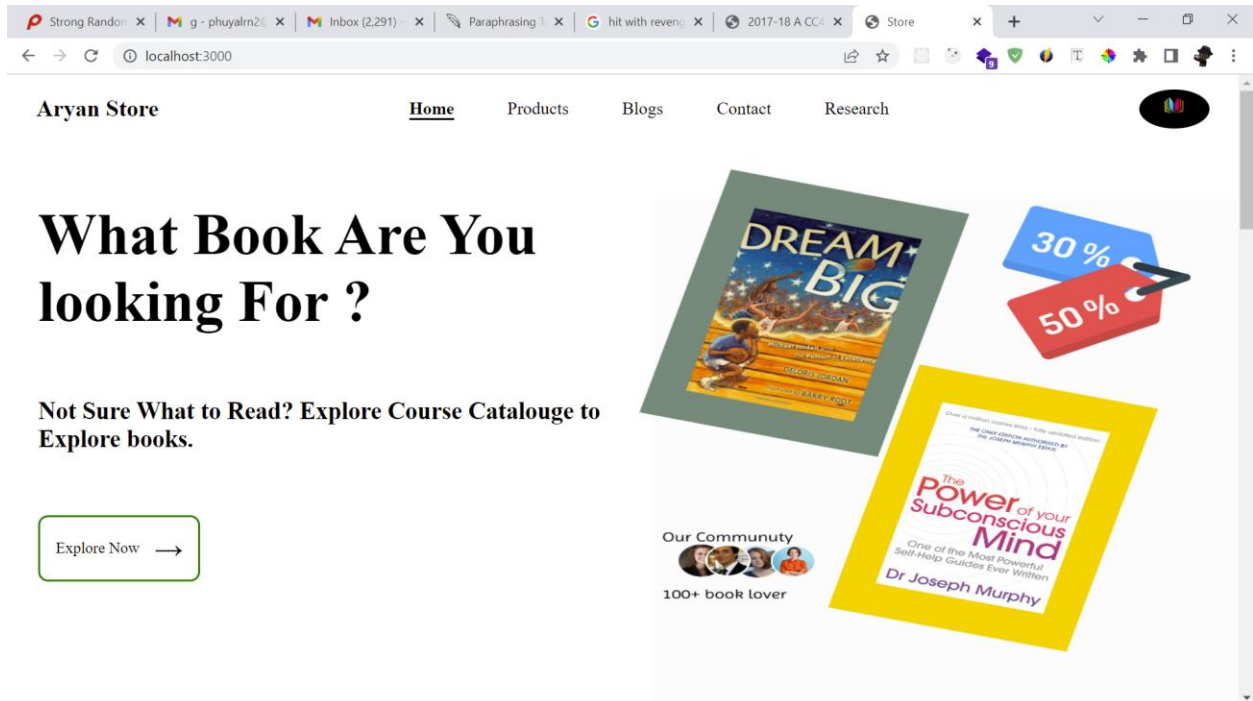
Black box testing is a type of testing in which the program is tested without viewing the code and instead by looking at the output of the program after each action. Below are some of the results of my tests.

3.1. Test 1:

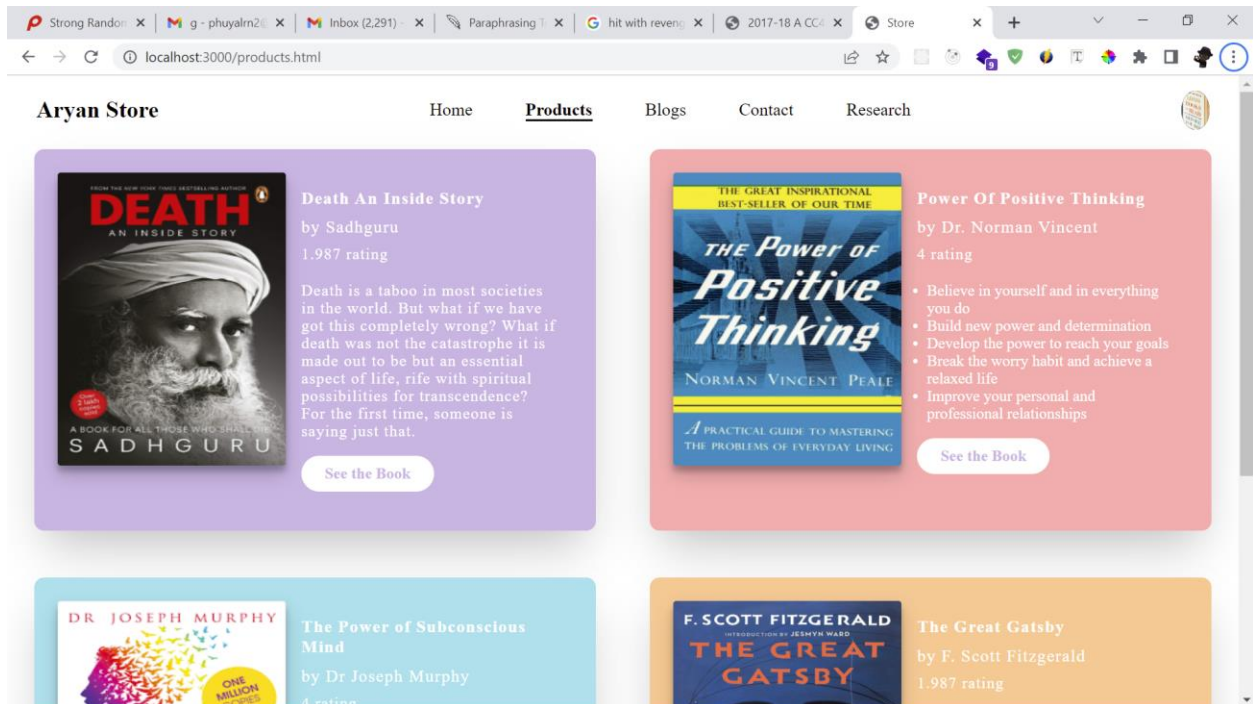
Test whether links run or not

Table 1: Table of testing 1

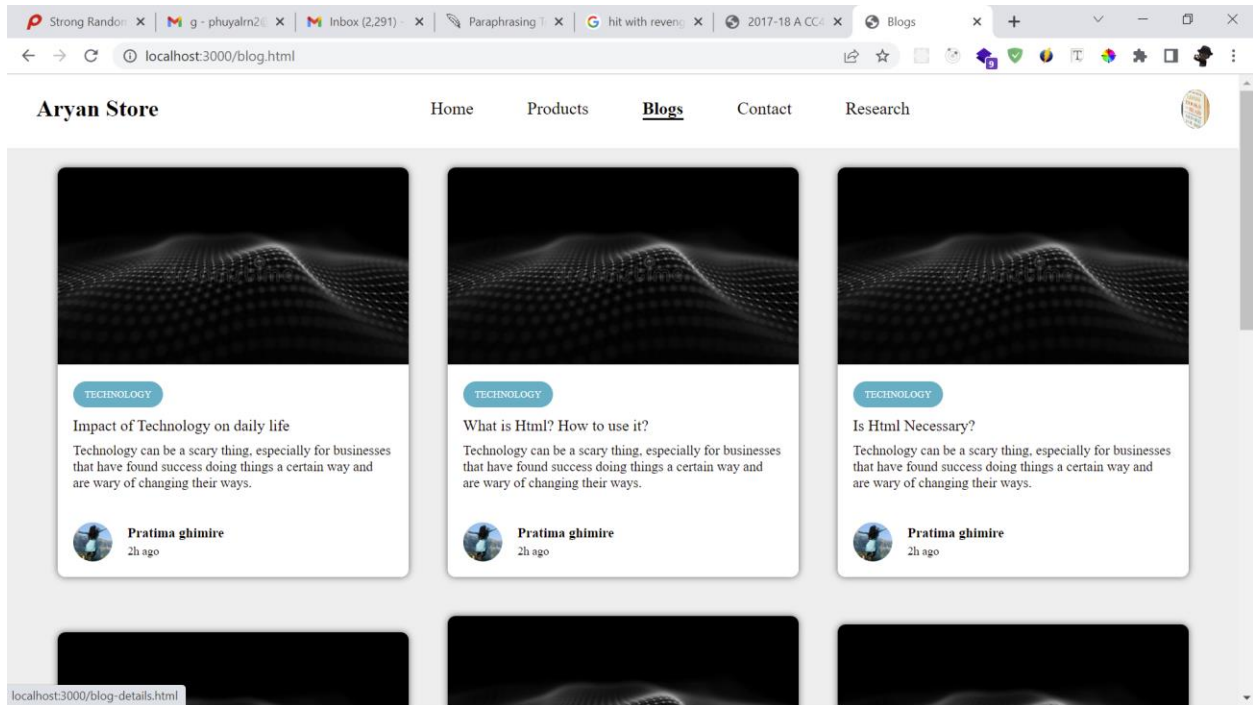
<i>Action</i>	<i>Expected Result</i>	<i>Actual Result</i>	<i>Conclusion</i>
<i>Navigate to different pages using Navigation Links.</i>	<i>The page should jump to that particular section</i>	<i>Same as expected</i>	<i>Test was successful</i>



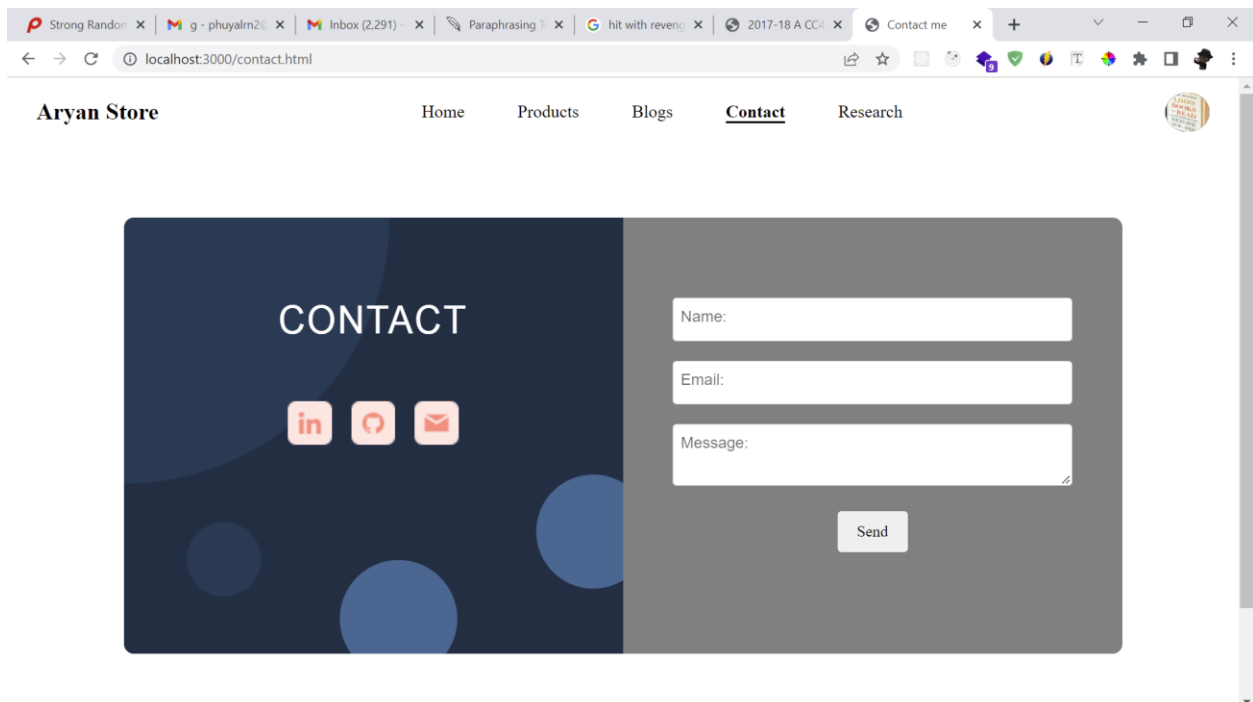
After the Product link click



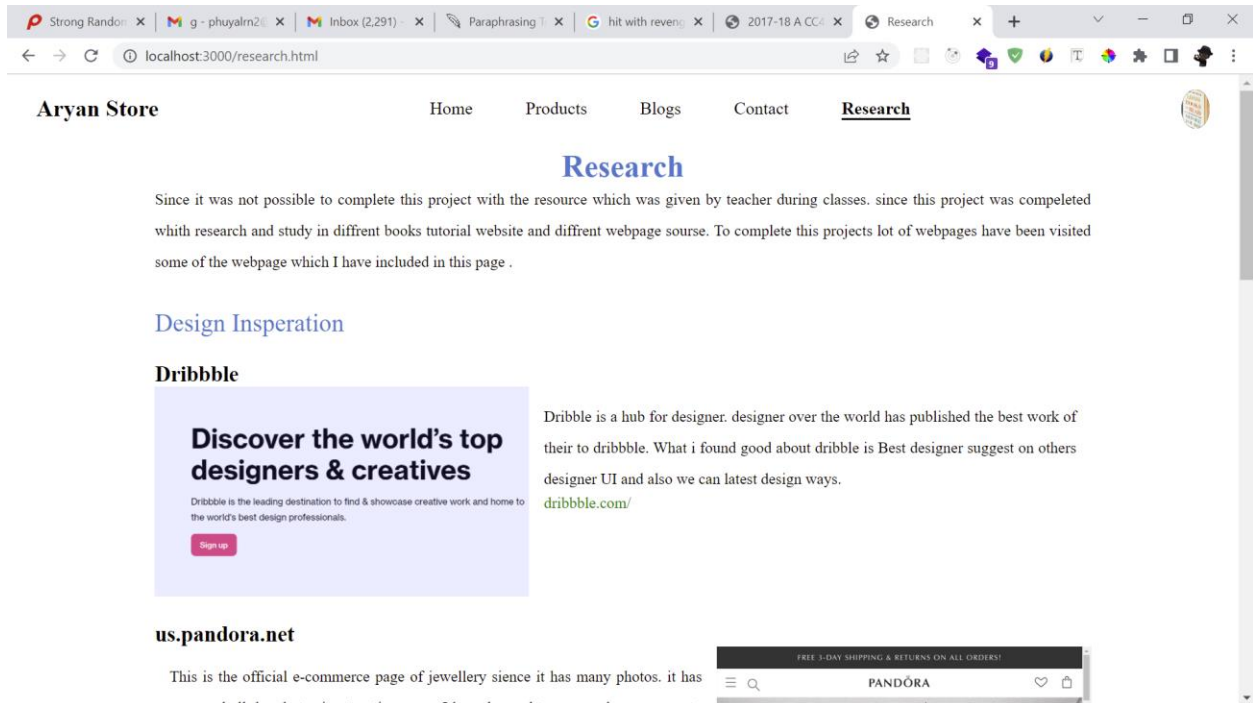
After the blog link click



After the contact link click



After the research link click

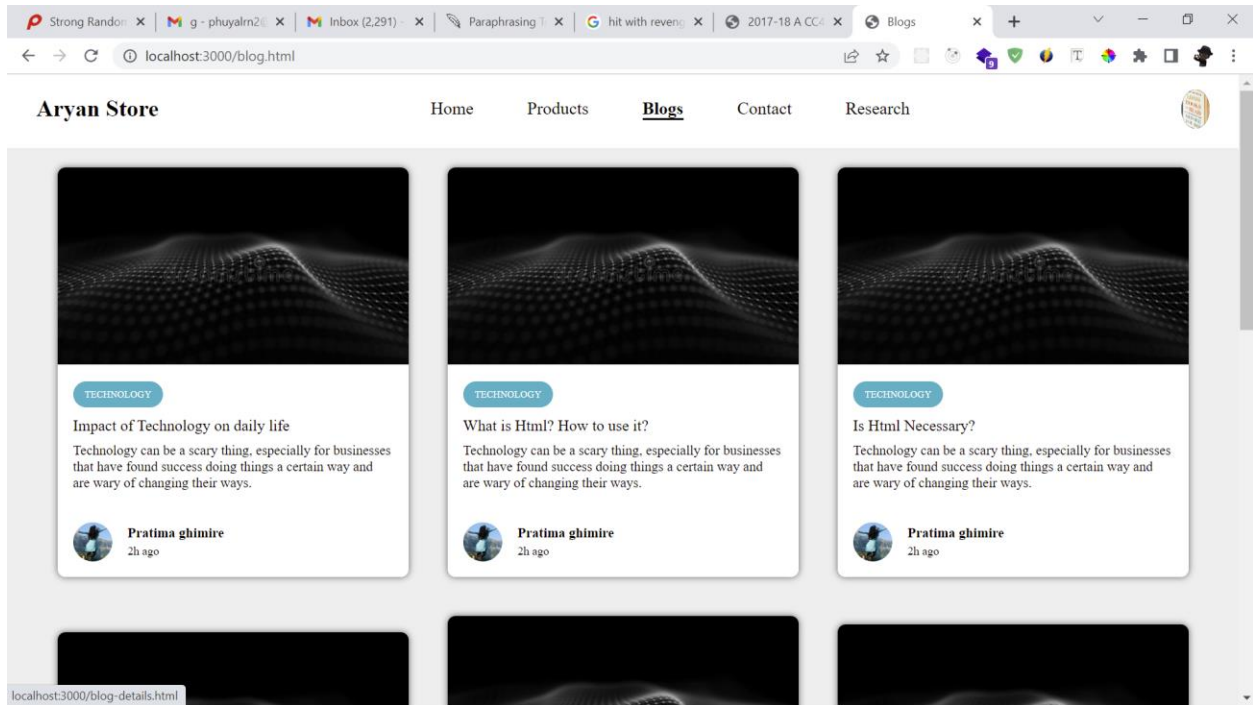


3.2. Test 2

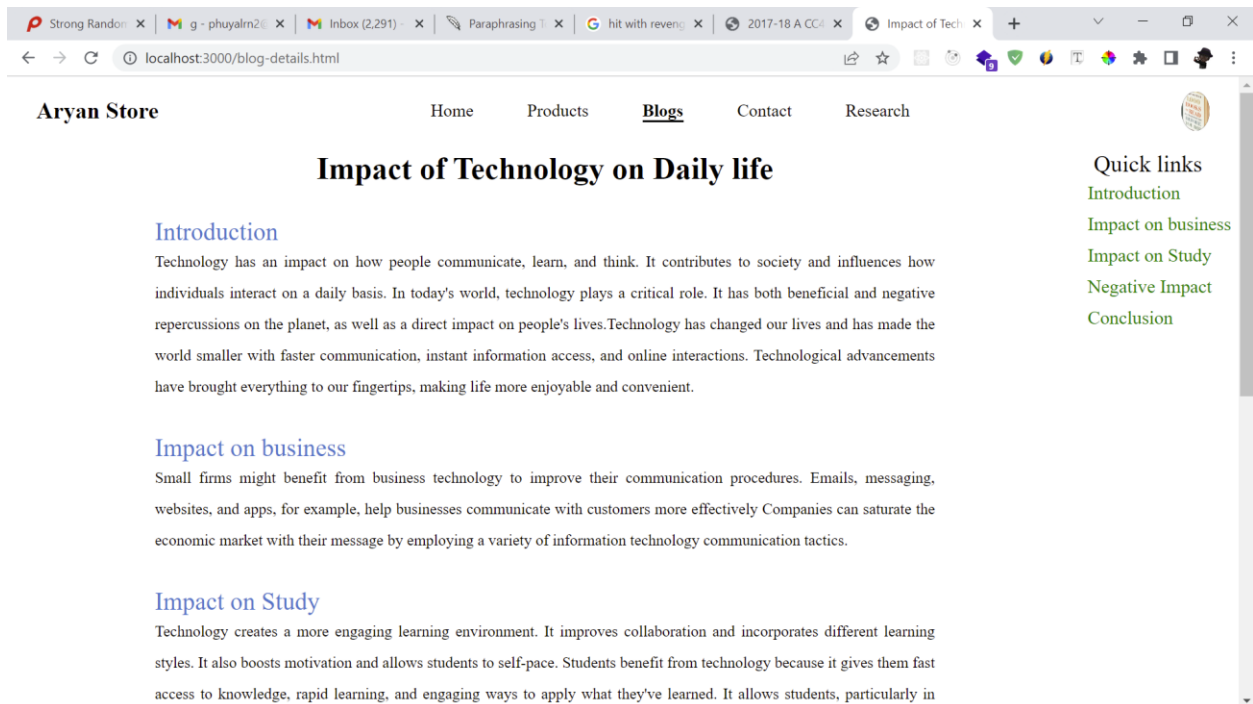
Table 2: Table of testing 2

Action	Expected Result	Actual Result	Conclusion
Clicking on the Blog card should go to the personal details page	Blogs details page on	Same as expected	Test was successful

Before clicking



After clicking blog

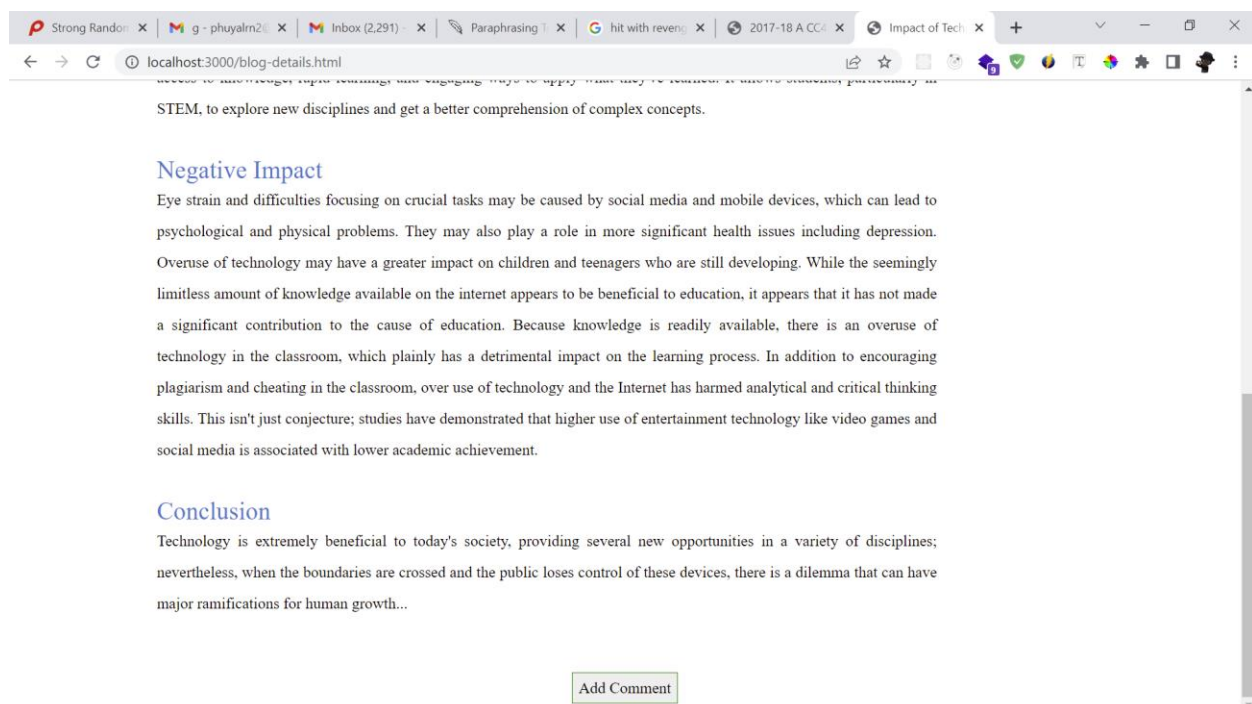


3.3. Test 3

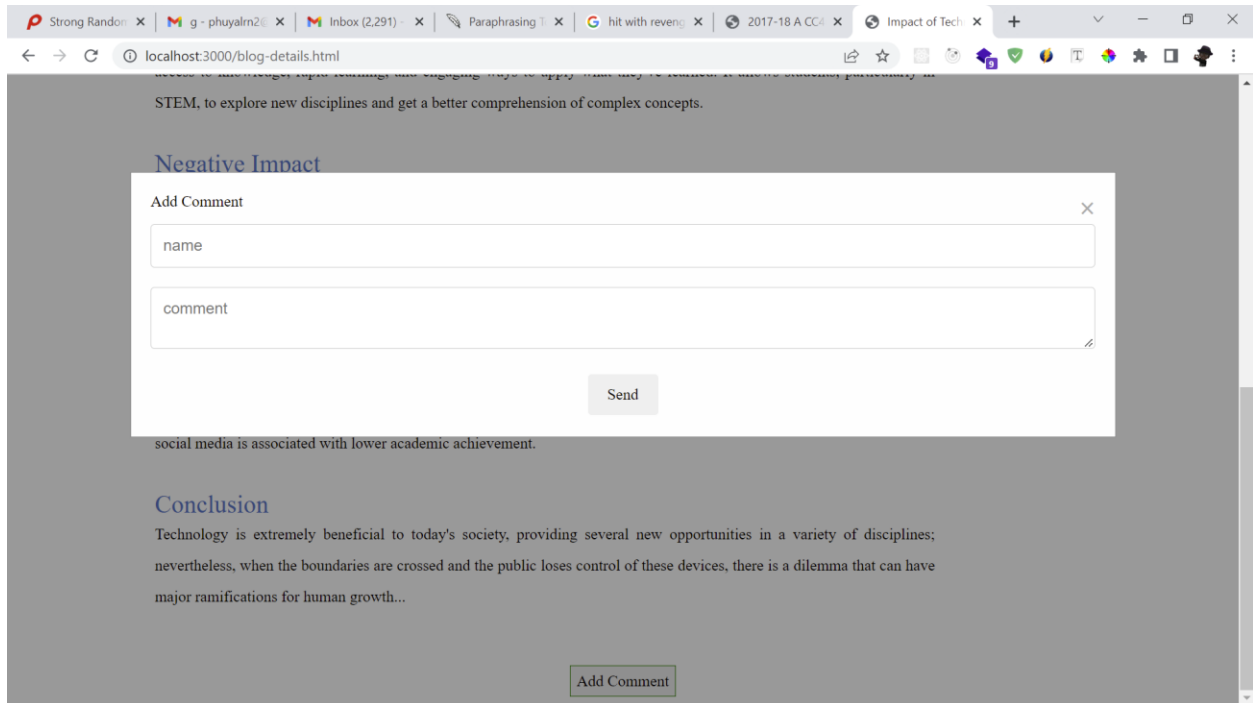
Table 3: Table of testing 3

Action	Expected Result	Actual Result	Conclusion
Click add comment button on the blog. A popup form opens. Fill out the form and click on the comment button of the popup.	A comment is added and shown on UI.	Same as expected	Test was successful

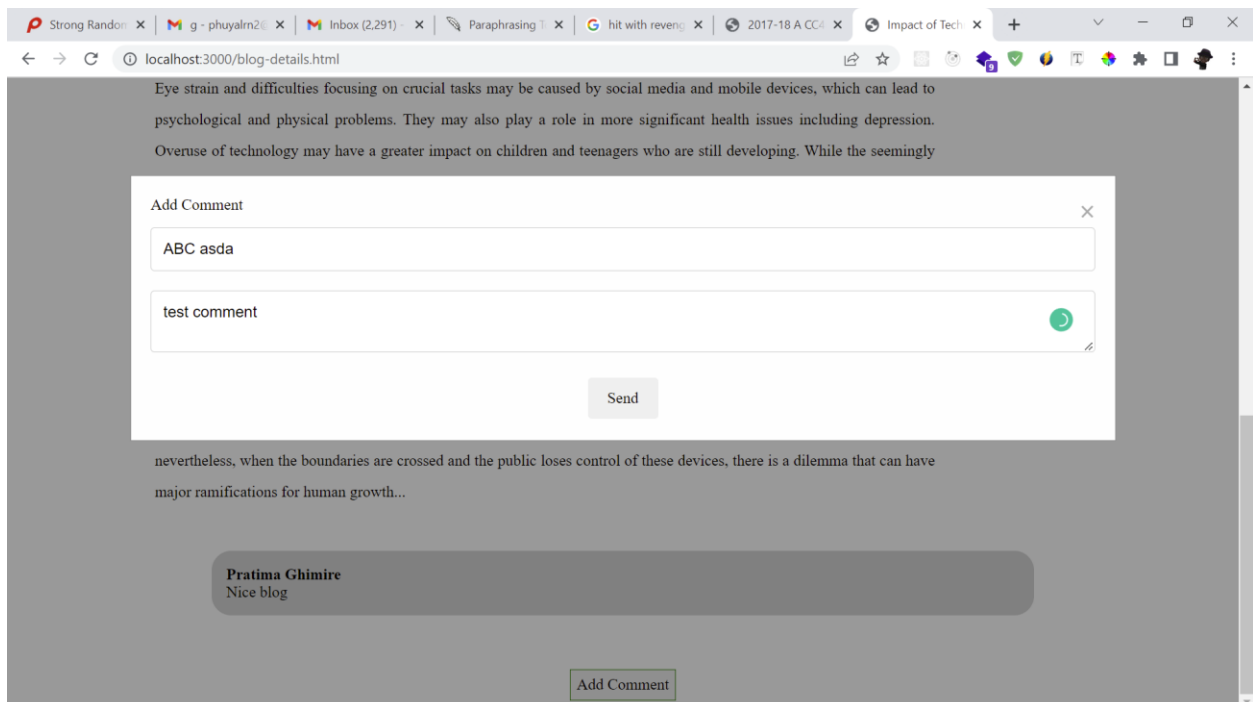
Add Button



Click on Add Button

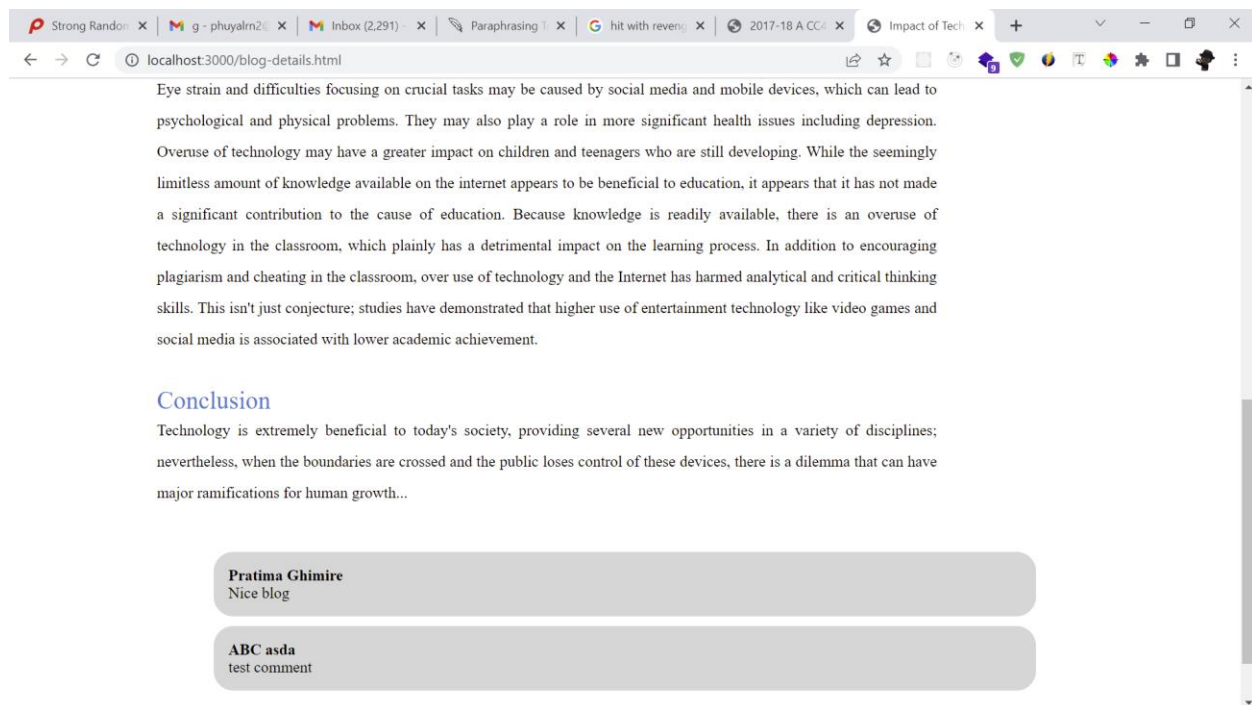


Write comment



Submit comment

Pratima Ghimire



3.4. Testing 4

Table 4: Table of testing 4

Action	Expected Result	Actual Result	Conclusion
Underline was seen while hovering on the navbar.	Underline was seen while hovering on the navbar.	Same as expected	Test was successful

Aryan Store

Home

Products

Blogs

Contact

Research



Aryan Store

Home

Products

Blogs

Contact

Research



3.5. Testing (Internal External)

Table 5: Table of testing 5

Action	Expected Result	Actual Result	Conclusion
The cursor has hovered on the link	The URL must be shown on the bottom left corner of the screen.	Same as expected	Test was successful

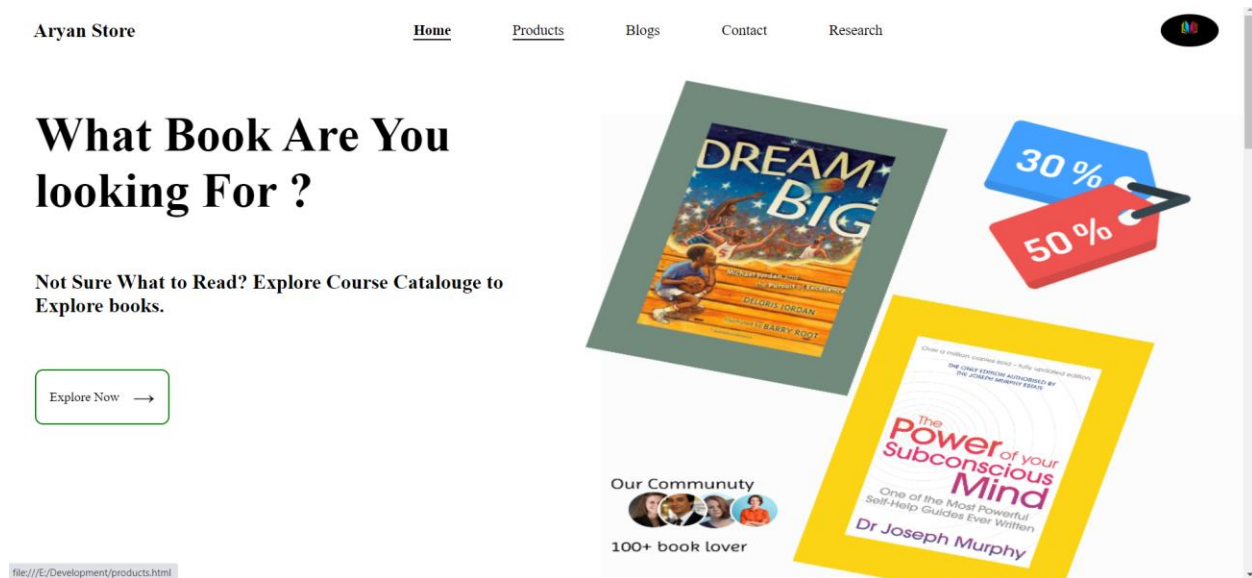


Figure 12: Screenshot of Internal link

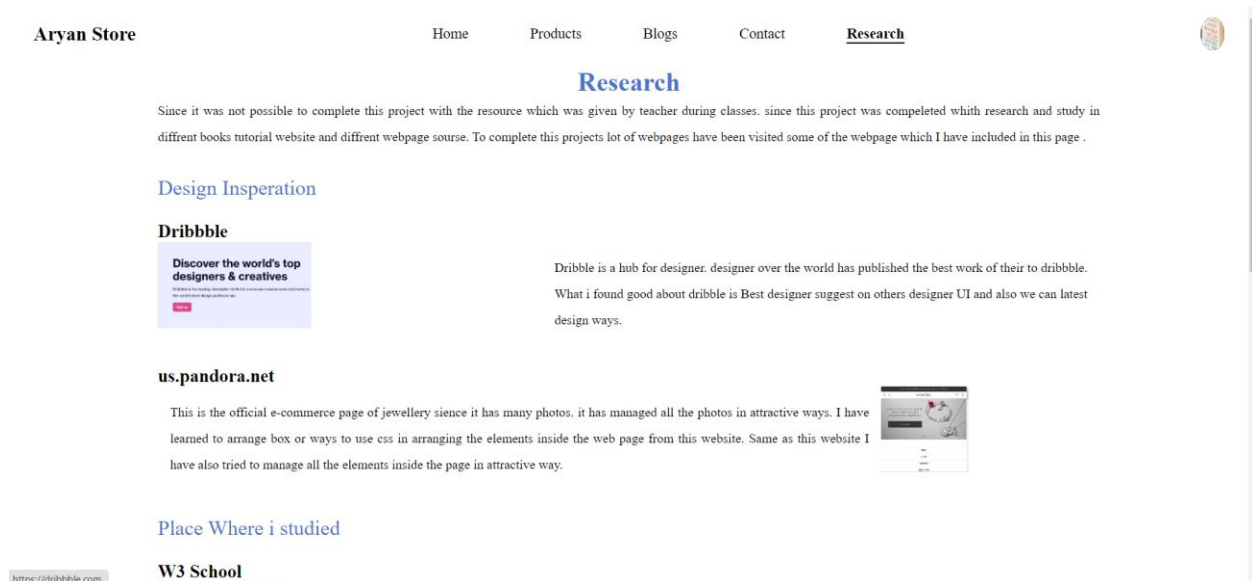


Figure 13: Screenshot of External link

4. Conclusion

The assigned coursework was finished. This was not an easy course to complete. The materials provided for this course were insufficient for this project. I was able to complete this curriculum due to my continued efforts and dedication. While designing the website, various research was conducted to obtain information about fashion styling. I spent a week conducting extensive study and gathering ideas on the subject. This course of study, visiting teachers and sharing ideas with friends aided me in this endeavour. Even though the work was difficult, it assisted me in expanding my research expertise. My intelligence was raised as a result of this education. Included personal information, a blog, and home pages, among other things. It was a lot of fun to create such a fantastic website. The application has been thoroughly checked to see if it contains any errors. I learned more about web design, and it was incredible to create web pages. It will also assist me in the future in designing my website, as I have learned that coding is not an easy task in life. In order to do so, we must face many challenges. It is not important to do the work on time, but it is important to find a solution to the problem. A lot of things I realized how valuable time is in life. Every second counts and this is one of them. While dealing with those issues, courses had provided lessons. I was able to succeed because of my hard work and perseverance. I finished my coursework. Every aspect of the project was fantastic, and I thoroughly enjoyed the assignment.

5. Appendix:

4/8/22, 11:33 AM

coursework3

Originality report

COURSE NAME
CC4057NI - Introduction to Information Systems

STUDENT NAME
Pratima Ghimire Computing

FILE NAME
coursework3

REPORT CREATED
8 Apr 2022

Summary

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1/1