LONDON METROPOLITAN UNIVERSITY

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(इस्लिङ्टन कलेज)

Module Code & Module Title

CC4057NI Introduction to Information Systems

Assessment Weightage & Type

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1.INTRODUCTION

Technological improvements are created every day. In recent years, the internet has taken over the world. In addition, the internet has become the cornerstone for everything we do these days. Everything, even music, is available on the internet. Movies, gambling, commerce, finance, and a variety of other activities are just a few examples. You can find anything on the internet. Similarly, there are numerous websites on the internet that offer books. They make an effort to make their website appealing in order to attract customers and ensure that they purchase from it.

As stated in the coursework, we must develop a five-page website that sells books online. The first homepage of our website is Home, which contains information about our website. It is also the initial webpage of our website. The second option is Featured Books, which provides a list of books along with their cost and title. The third is a blog with the topic of How Technology Has Affected Our Everyday Lives. The fourth section is Contact, where you can contact us by filling out visitor information. The last page is the research page, which should include a comparison of our website to five different web pages. Our website should have an uniform look and feel, as well as proper navigation that allows us to explore each part.

The coursework's goals and objectives are to teach us how a website is built and what factors are crucial to consider while developing a well-managed and appealing website. After completing the coursework, we will be able to create a visually appealing website. The ability to create a basic and appealing website will be acquired.

The website was built and designed using HTML5, CSS3, and JavaScript. HTML was used to construct the website's basic design. HTML components such as

title, meta, picture, table, div, form, and others were used. CSS was used to create the wording, graphics, and colors. CSS was utilized to make the website more appealing. CSS was mostly used to style the website. Internally, inline, and externally, CSS was employed. CSS was used as well, with a variety of tags and properties. JavaScript was used to make the website responsive. JavaScript is used to make the website more interactive for the user. JavaScript was used to change the structure of the website on the fly.

Figure 1 HTML

Figure 2 CSS

Figure 3 JAVA

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1.1.Discussion and Analysis

Text editor used to develop the website:

For my coursework, I used Visual Studio code to construct HTML, CSS, and JavaScript. Visual Studio Code is a free coding suite for Windows, Linux, and macOS from Microsoft. This text editor was picked since it has a lot of features that make coding easier and quicker. It's easy to use and completely free. Visual Studio Code is quite popular among programmers. Java, JavaScript, Python, Node.js, C++, and other programming languages are supported by Visual Studio Code.

Figure 4 Visual Studio Code

1.2Wireframe Used:

Balsamiq Wireframes were used to construct the wireframes for my website. Balsamiq wireframes is a Balsamiq Studios software for Windows and macOS. It's a piece of software that's solely for the purpose of developing wireframes. It's quite user-friendly, and it includes all of the tools we'll need to create our website's layout or design. It includes with ready-to-use tools and icons for creating wireframes.

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Figure 5 Balsmiq

1.3 Website:

- Home page

  To separate the website into three pieces, I utilized the header, section, and footer tags on the main page. The header section has a navigation bar that links to all pages, a text area below the navigation bar on the left side, and an image on the right side. Cosmos+white color scheme with radial gradient backdrop is used in the header. A little introduction is given in section portion below which is a button named explore that is changed using css and sends you straight to the top. Some social media icons can be found in the footer section.
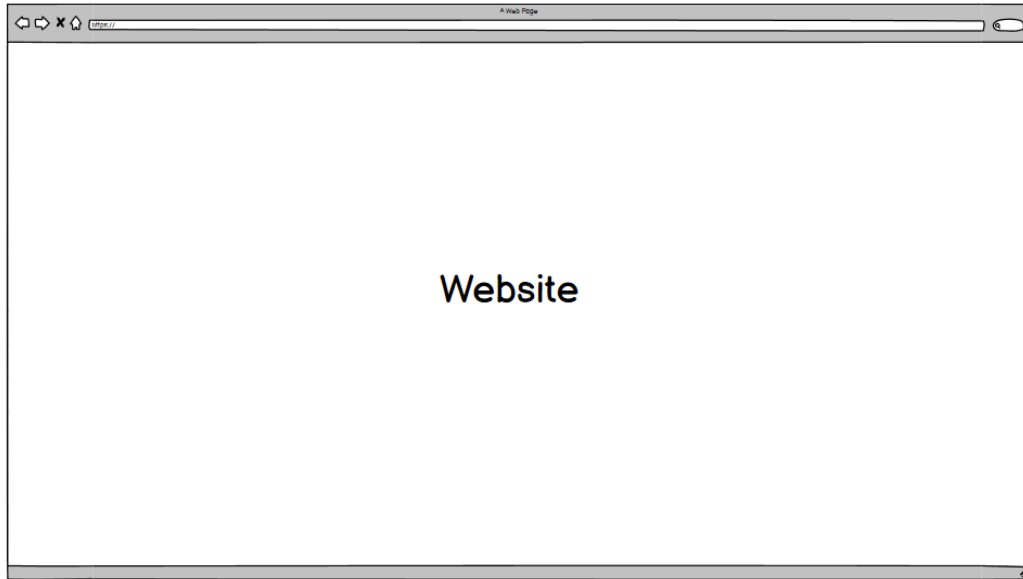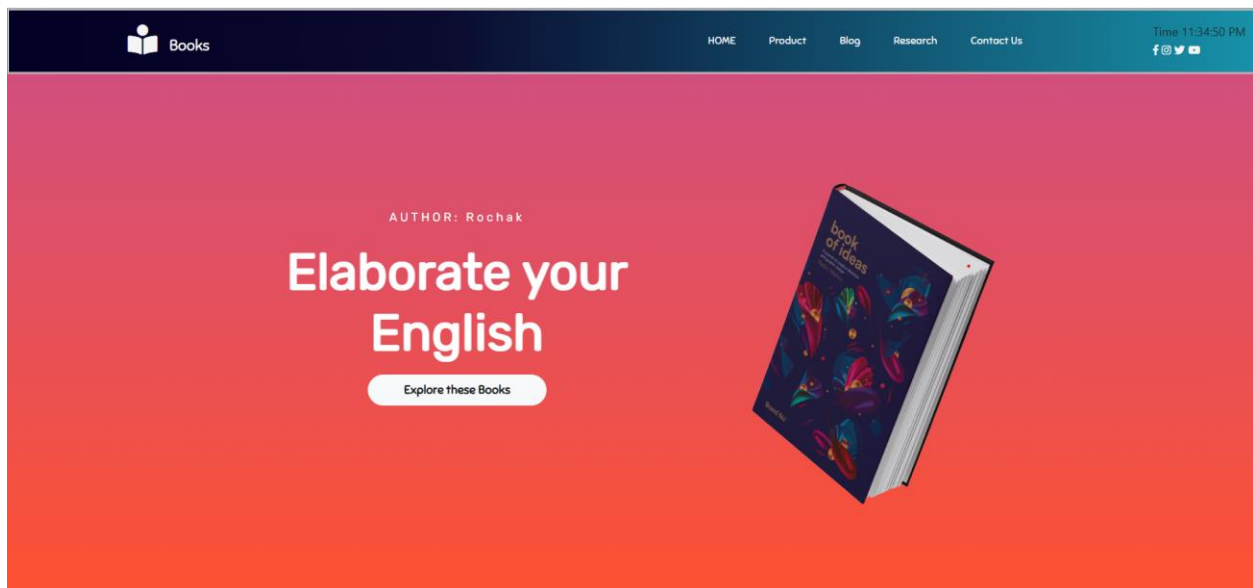
Rochak Lama
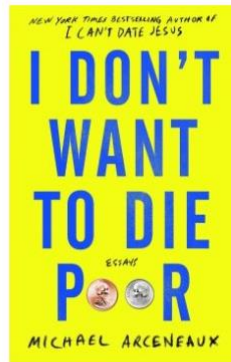
Figure 6 Website

Figure 7 Webpage

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Bestseller

Figure 8 Webpage Book

Available on EbookStore

I Don't Want To Die Poor

Making Michael Arceneaux's I Don't Want to Die Poor required reading in high schools across the country would help a lot of young people think twice about the promise that going to college at any cost is the only path to upward social mobility.   Buy Now →

Purchase Whatever You Want

We bring to you a wide range of variety so that you are never bored!

Figure 9 webage product

PDF	E-book	Print Copy
With supporting text below as a natural lead-in.	With supporting text below as a natural lead-in.	With supporting text below as a natural lead-in.
Rs117 7.9	Rs119 9.9	Rs115 8.9
Purchase Now	Purchase Now	Purchase Now
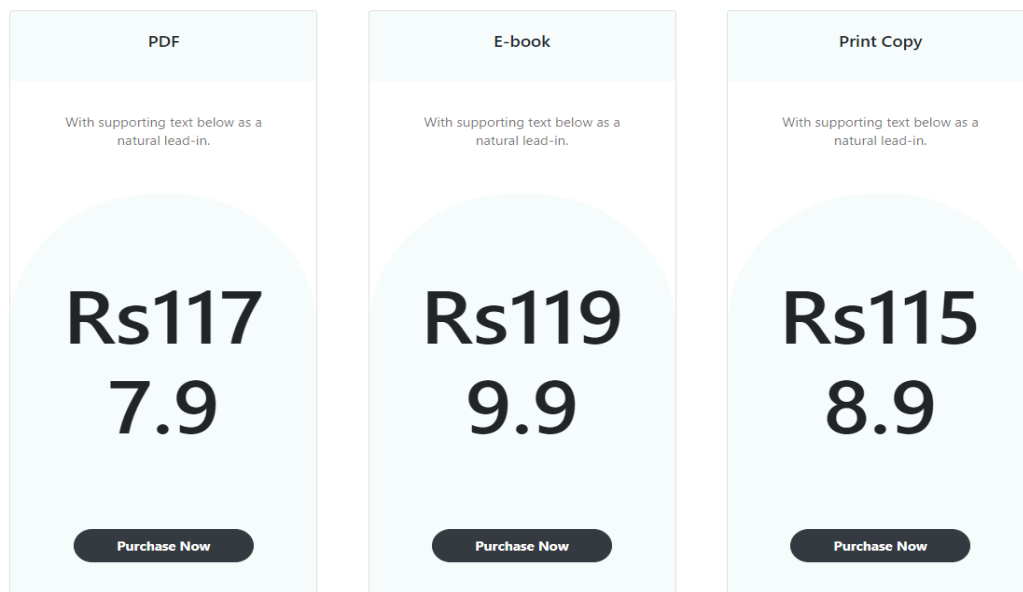
Figure 10 Webpage pdf ebook

Rochak Lama
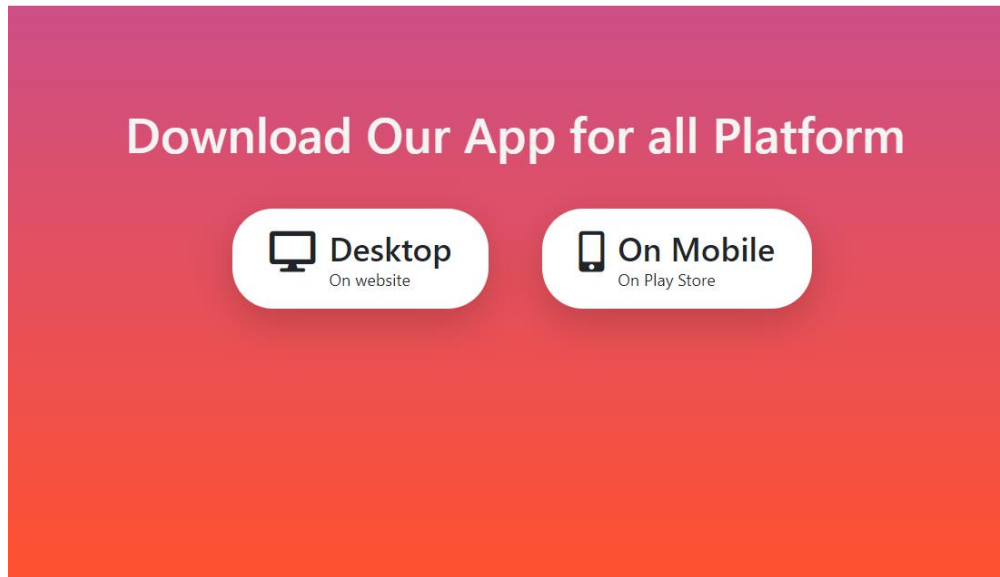
Figure 11 Webpage ebook download
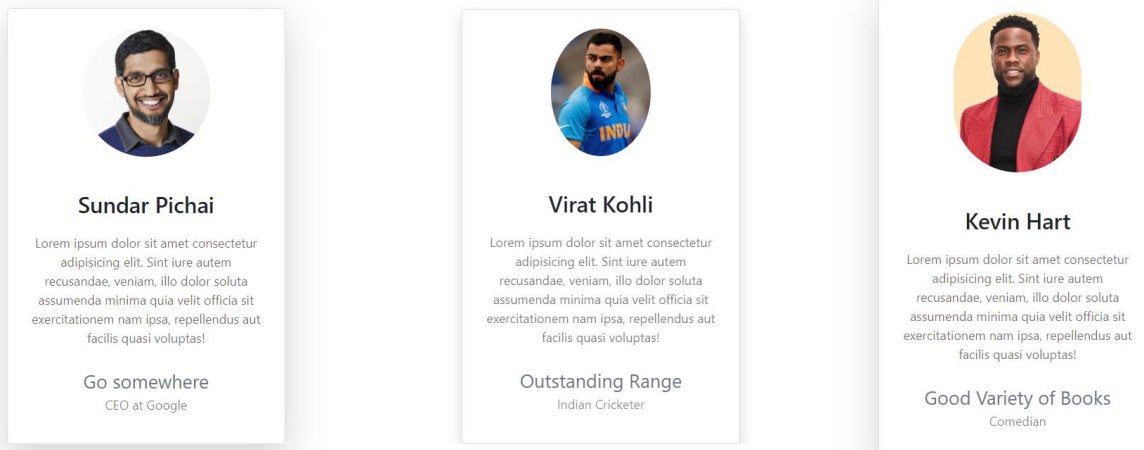
Figure 12 Webpage Feedback

Rochak Lama
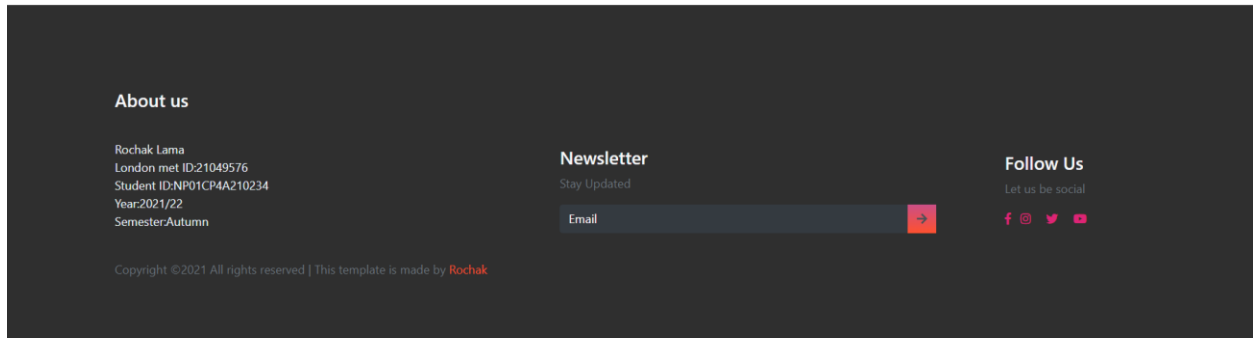
1.4 Featured Books:

The upper right corner of the page has a navigation bar. I've built a div with the heading "Featured Books." The image of the book, together with its name and price, is then presented in another div. In the same div, an add to cart button is included, which is required if website visitors want to purchase any books. The same procedure is followed for the next nine novels in a row. The wireframe and screenshot of the featured books webpage are shown below.

Figure 14 Product

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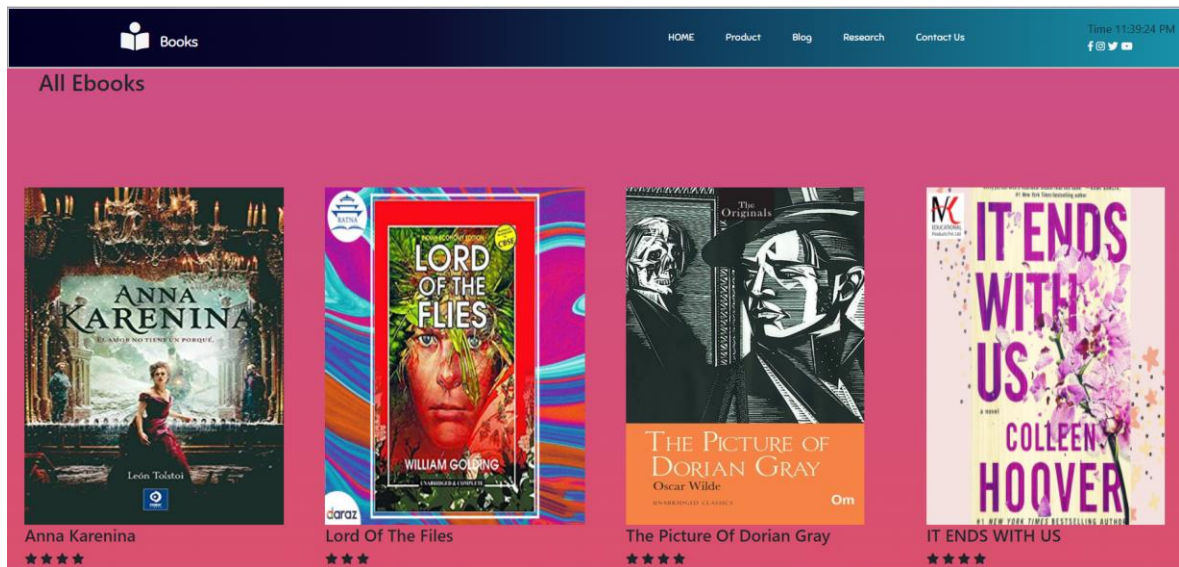
Figure 15 Product 1 to 4
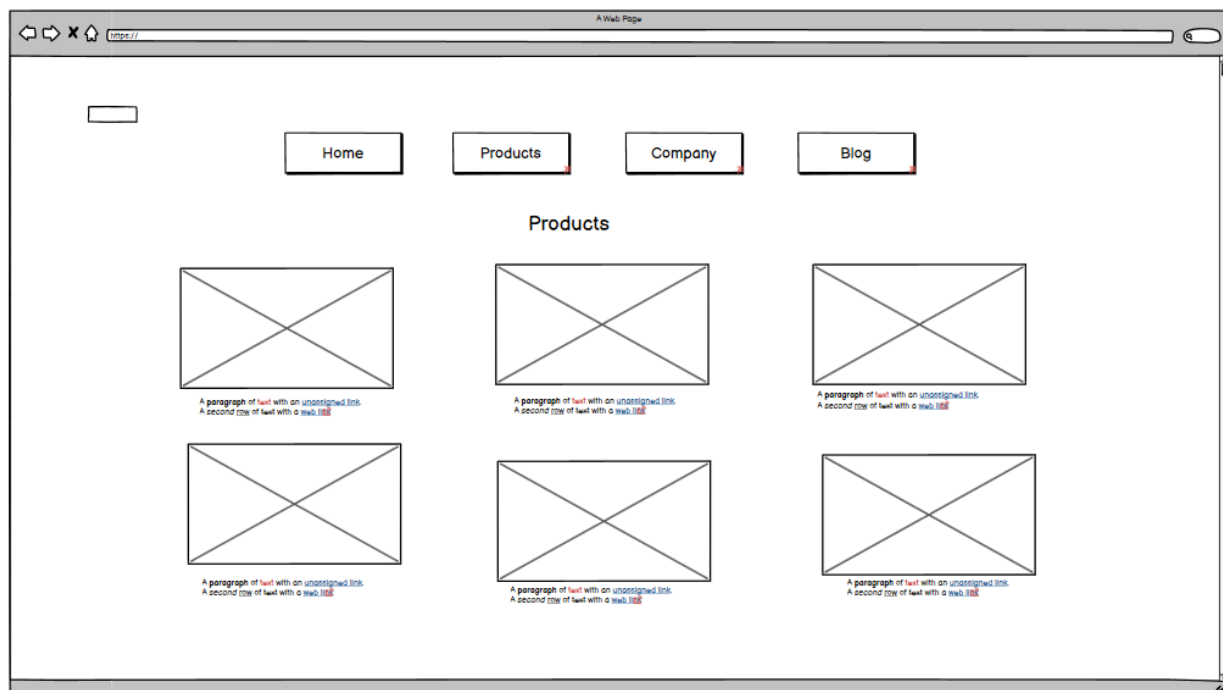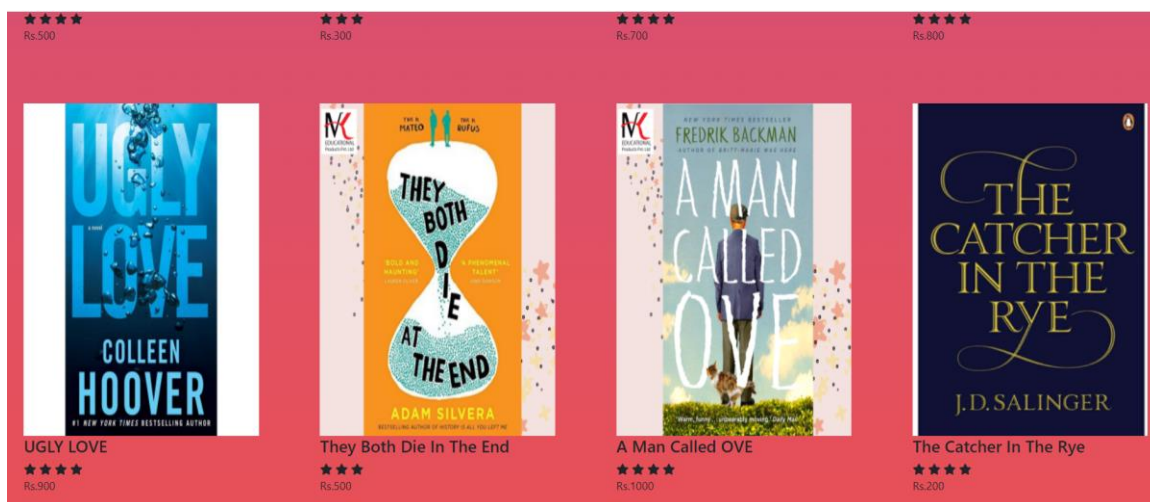

Figure 16 Product 4 to 6

Rochak Lama
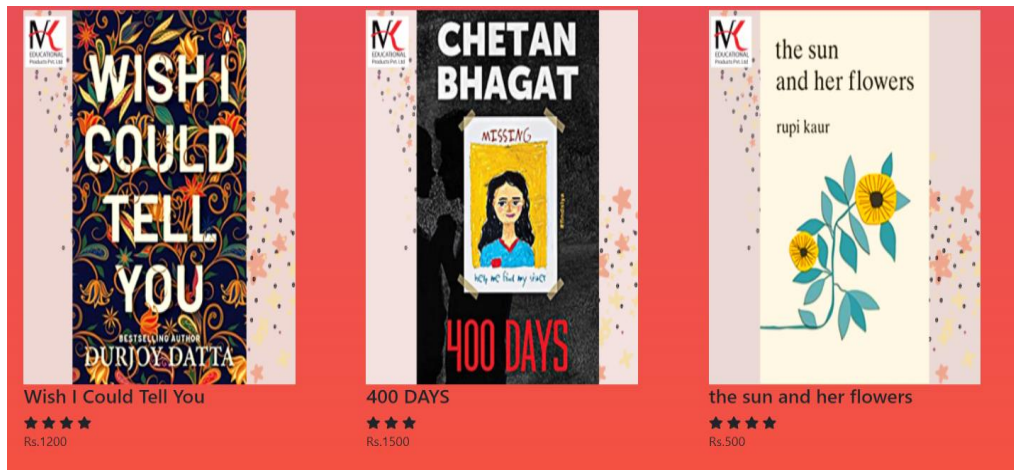
Figure 17 Product 6 to 9
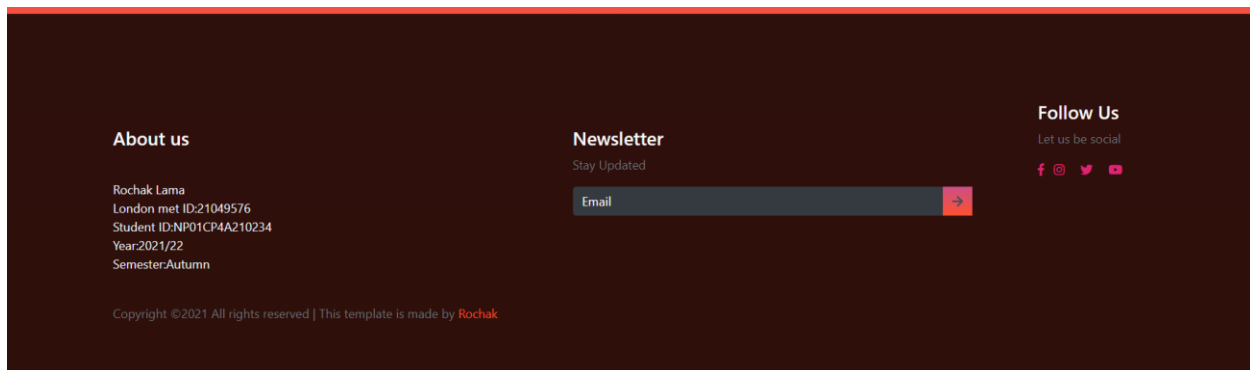
Figure 18 Product About Us

1.5Blog Page:

The upper right corner of the page has a navigation bar. The h1 tag is used to write the topic name of the blog material on the blogs page. A horizontal line is used to provide a boundary between the topic and the content for which the hr tag is applied. To distinguish between positive and negative affects, a table tag with border type 2 and a width of 100 percent is employed. Padding of 10px is used to correctly adapt the table's inner content. Within the paragraph or p tag, the general content is written.

Figure 19 Blog

Figure 20 Blog Page

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Technology has become an everyday aspect of our life during the last two to three decades. We are all surrounded by technology and have become accustomed to it. The majority of our job is done with technology, and we are fully reliant on it. Our lives have been taken over by technology at this point. We are surrounded by them as we look around. Computers, cellphones, televisions, and other electronic devices that we use on a r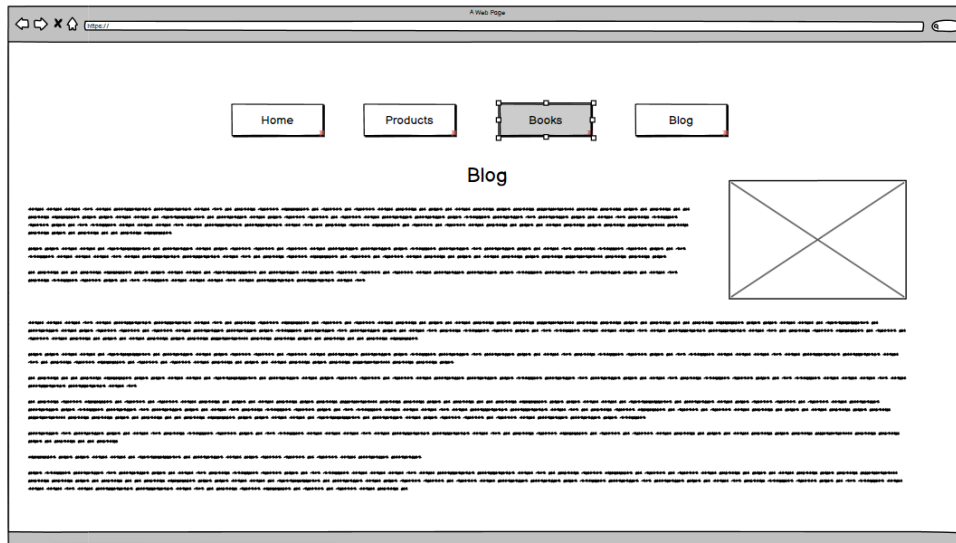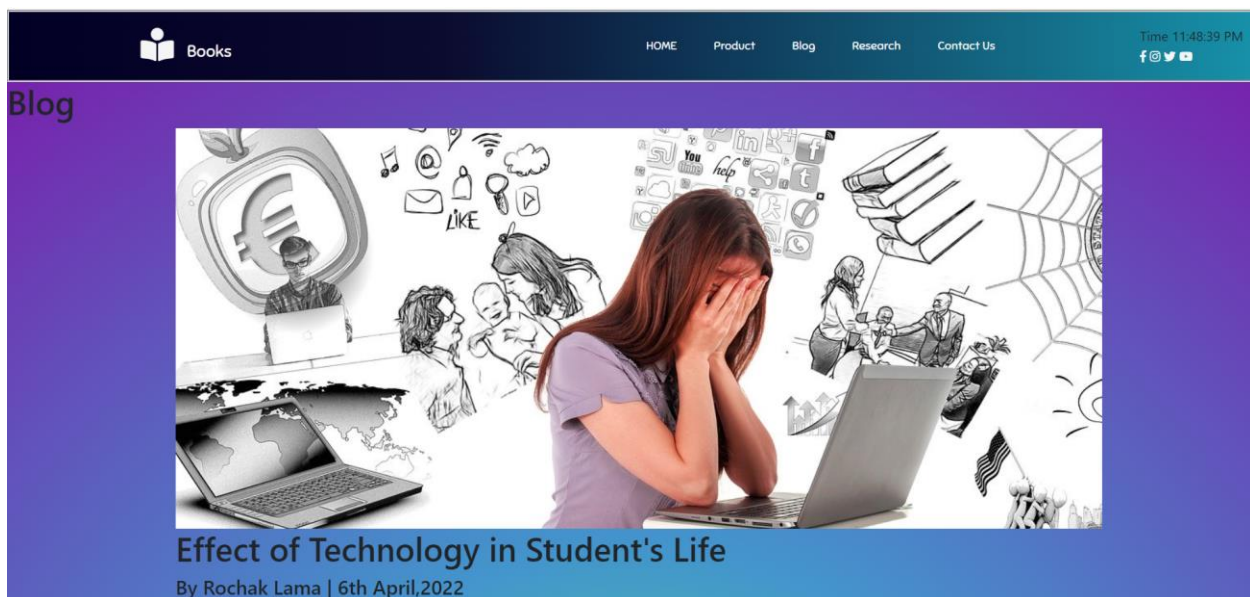egular basis are all around us. The way we work, communicate, and engage with one another has altered as a result of technological advancements. Furthermore, the rapid spread of smartphones is directly linked to the growing rise of e-commerce and internet-based businesses.

Technology, like anything else, has both positive and harmful aspects. It is not determined by technology. It is up to the user to decide how to utilize it, whether to use it positively or negatively. If technology is not properly used, it may be extremely detrimental to society and the environment. While the smartphone has simplified and revolutionized our job, it has also made us lethargic. Today, you can accomplish a lot of things without leaving your house; everything is at your fingertips and can be done from the comfort of your own home. As a result, we no longer need to go to palaces to work lying, as we did previously.We are so reliant on technology that we end up injuring ourselves by not being fully active in our bodies and not engaging in any physical exercise. This is especially true for the younger generation, since we have become so reliant on technology and spend so much time utilizing it. They are so engrossed in their smartphones that they do not engage in any physical exercise. Smartphone addiction is on the rise in today's world, and it's wreaking havoc on our lives.

Not only are there bad consequences, but there are several favorable consequences as well. Every day, we can see how technology is altering our lives. We have been able to do so much in several disciplines thanks to the use of technology and its assistance. Technology has aided us in better communication; via the use of various technologies, we may speak with individuals who are far away from their homes, as well as communicate from one location to another. The usage of a smartphone allows us to contact anybody in a matter of minutes or seconds, which is quite beneficial to each of us.Similarly, technology has aided us much in the realm of transportation, and there have been several improvements in this area. We can get to other palaces as quickly as possible thanks to technology. Different technical developments, such as aircraft, trains, and metros, have made it easier for us to get to the palace every day. It has altered the way people travel and made things a lot simpler. If we utilize technology correctly, we may greatly benefit the environment as well as the many communities and individuals that live there. Education has undergone a radical transformation as a result of technological advancements. Teaching and learning have been simplified, made more exciting, and made easier to learn.

Technology can help students become more engaged. Education technology can help students better engage with course material by making learning more interactive and collaborative. They learn by doing rather than remembering knowledge. This may be as basic as taking an interactive quiz in class or engaging in tech-enabled group conversations, or it could be as complex as playing educational games, performing science experiments in a virtual lab, or going on a virtual field trip. However, in order to be genuinely interesting, it must be participatory. Using a computer to do arithmetic is no different than using a pencil and pad of paper. Using augmented reality to illustrate arithmetic problems, on the other hand, is a very new ballgame. Interactivity improves the learning experience for certain learners.

Figure 21 Blog 2

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Technology may also be used to broaden classroom boundaries; with technology, there are no limits to what can be done in the classroom. Anyone from wherever in the globe may learn and get the same amount of information.

Students who struggled to grasp new topics in a regular classroom would soon lag behind their peers. Students, on the other hand, may work at their own speed with online assignments. Those who want more time or assistance outside of class can do so through guided activities or supplemental coursework. Students may access materials online anytime they need them, and teachers can detect which students might need extra support, thanks to technology's always-on nature. Self-paced learning also aids students in developing digital literacy and 21st-century abilities, which will come in handy once they enter the profession.

There are both positive and bad elements to this, as with all things; it simply depends on who is using it and what he or she is using it for. It has the potential to damage us if not utilized properly, but when used correctly, it has the potential to benefit us in a variety of ways. While technology may be viewed as a danger, it does have its limitations, using it into your teaching practice allows students to interact and connect with course material in new ways. Education is no longer limited to the four walls of your classroom, thanks to technological advancements. YouTube videos and social media don't have to be a source of distraction; they may actually be used to supplement your course material. It's simple math: greater learning results add up.
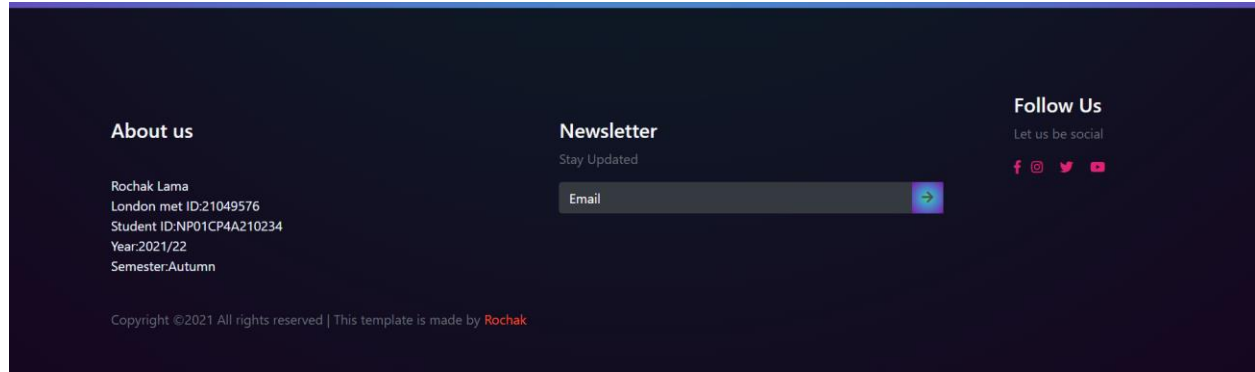
Figure 22 Blog 3

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Figure 23 Blog About Us

1.6 Research

The cosmic colour backdrop and navigation bar are inserted similarly to previous pages. The creator's name is written at the top, along with the research page, and photographs of the studied web page and my web page are placed. To change the comparison photos, a toggle button called change is included. JavaScript is used to add the toggle function. Descriptions of the pages are posted beneath the photographs. The same is done for five more web pages that have been researched.
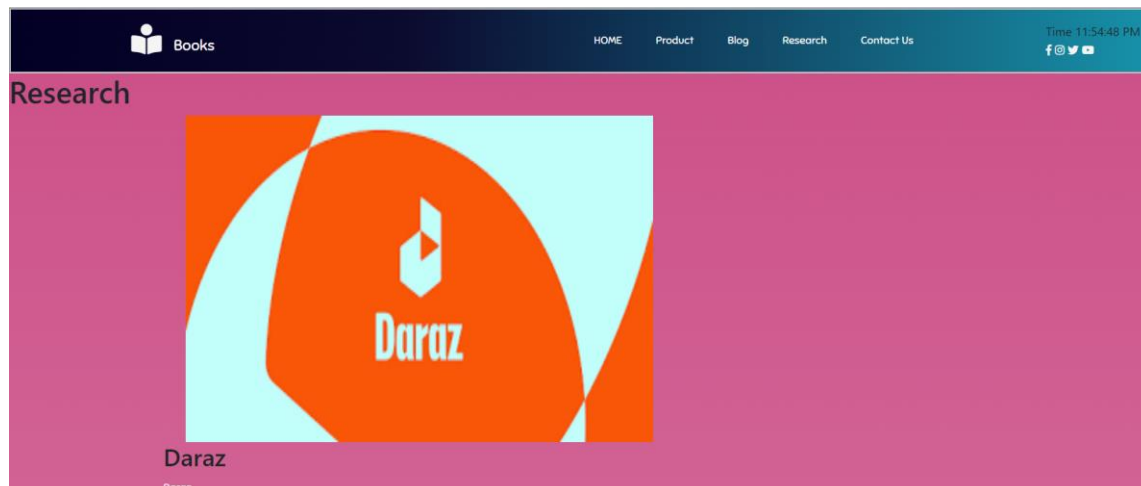
Figure 24 Research Daraz
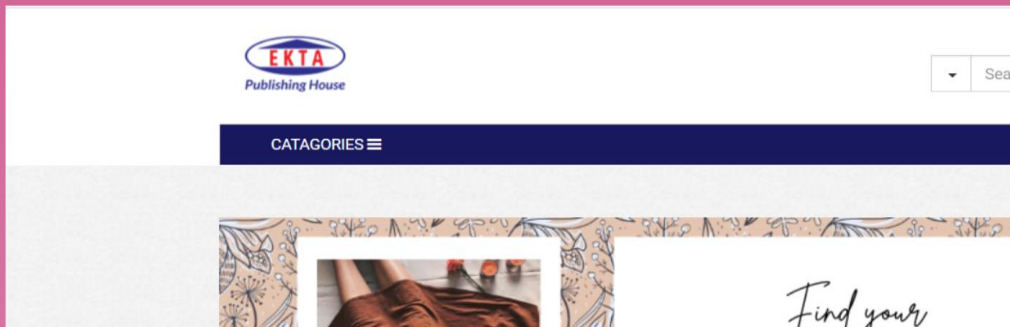
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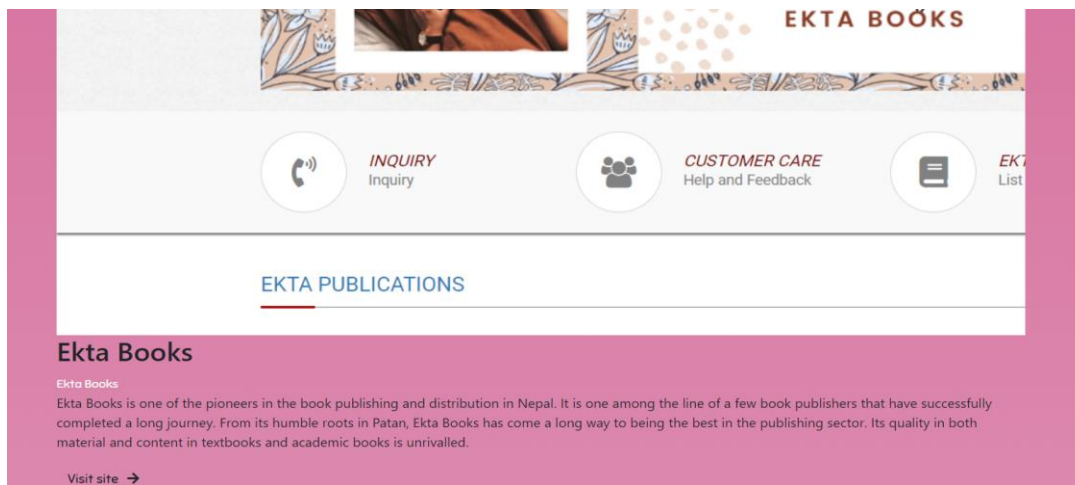
Figure 26 Research ekta 2

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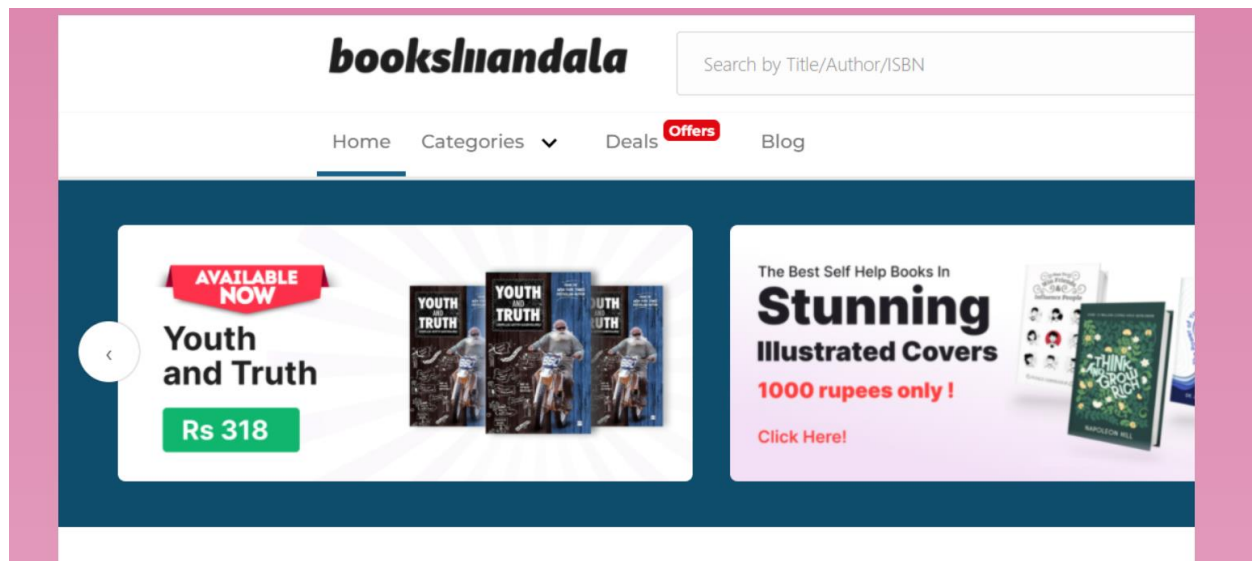
Figure 27 BooksMandala
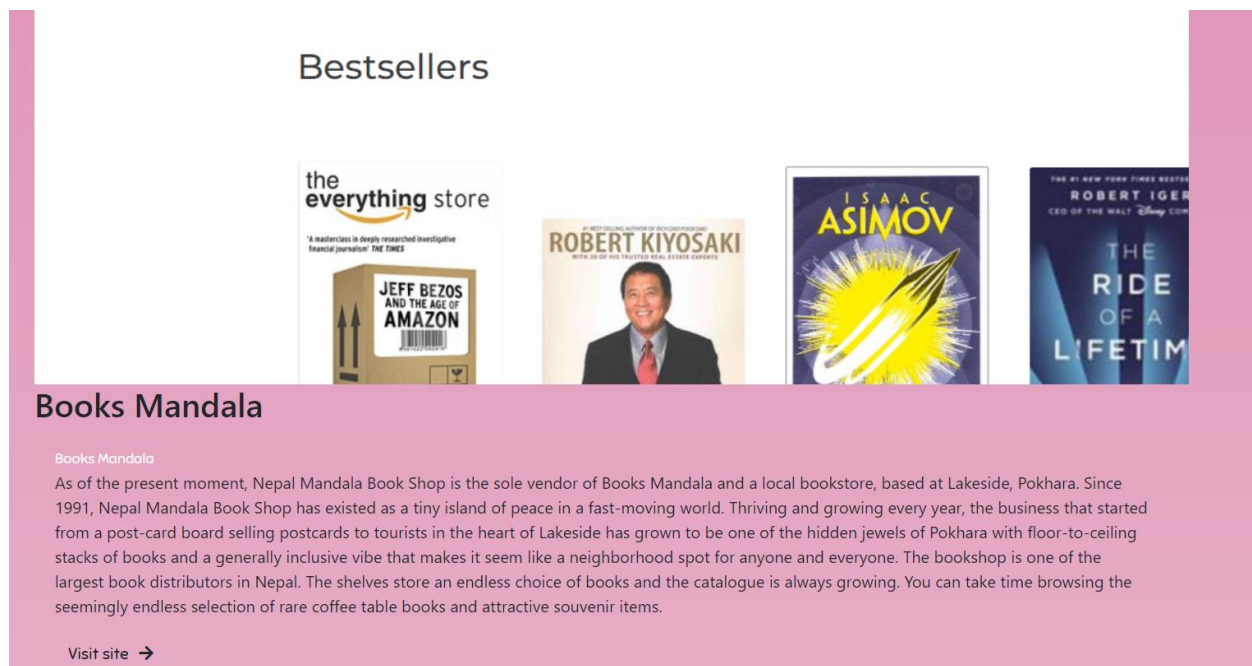
Figure 28 BooksMandala 2

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Figure 29 OK Dam

Ok Dam

Ok Dam

Nepal's most trusted best online shopping Portal. Buy Electronics, Clothes, Furniture, Kitchen, Home Appliances & More. We offer best Quality products at the affordable price at Okdam Online Store in Kathmandu, Nepal. Online Shopping in Nepal integrate products with people- opening all the doors of probability. We provide you the access to everything ranging from Mobile, Electronic, CCTV Cameras Fashion clothes, Home appliances and Kitchen appliances to organic coffee, green tea products and much more. Our online shopping services are genuine and prices unbeatable in Nepal. Be it simple, smooth or casual; popular, unique or customary, Ok Dam provides you all. Everyday lives, events, needs and necessities, festivities, wants and wish lists – Ok Dam confirms it all. We trust life isn't comprised of days however every day is a sphere of life, where every minute is a different color and each shade belongs to Ok Dam!

Visit site →

Figure 30 Thuprai

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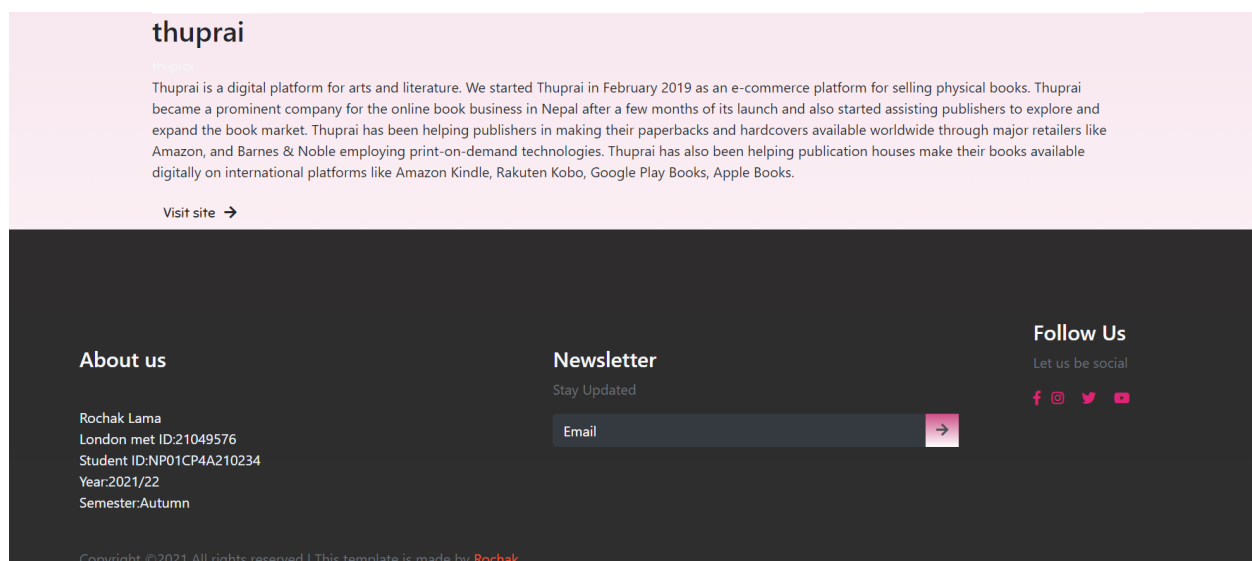
Figure 31 Thuprai 2

Figure 32 Research about Us

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1.7 Contact Page:

The contact page uses the same cosmic color backdrop and navigation bar as the other pages. On the right side of the website, there is a form. First Name, Last Name, Phone Number, E-mail Address, and Message are the five input text boxes on the form. A submit button is located at the bottom of the form to submit the form, which has been styled with CSS. JavaScript is used to make the form responsive. A heading is used on the left side, and a link to my social media accounts, together with an icon, is included.
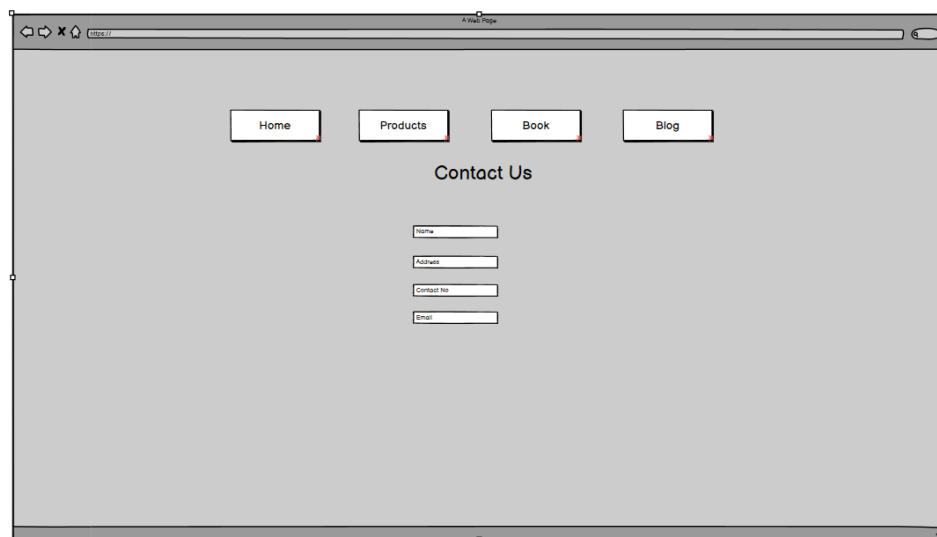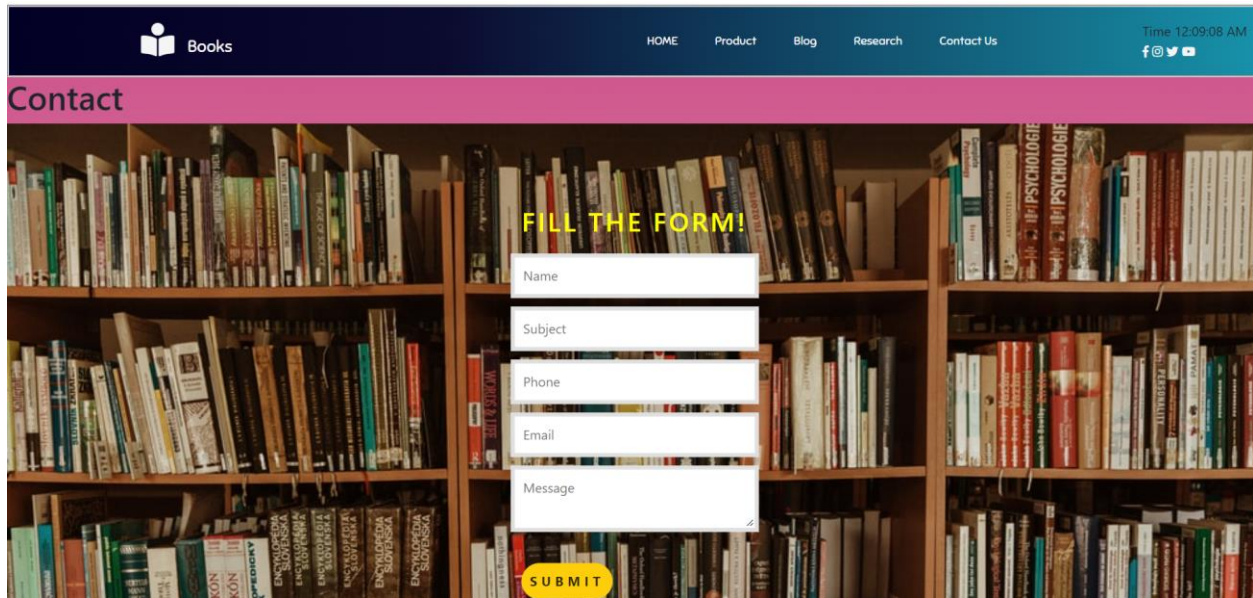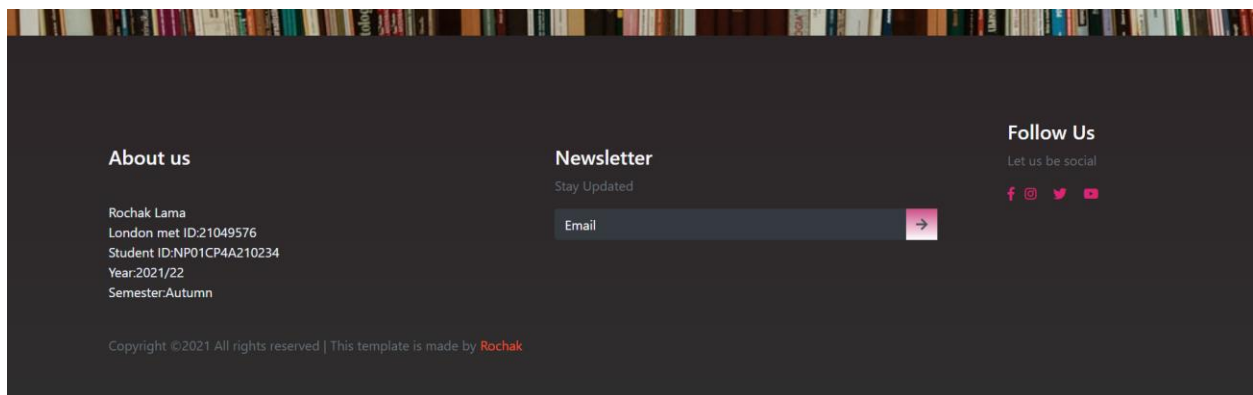
Figure 33 Contact us webpage

Figure 34 Contact Webpage Form

Figure 35 Contact Us About Us

1.8Testing

1 . Test no 1

Objective	To check if the text is hovering or not.
Action	Hovering over text.
Expected Result	The text color should change.
Actual result	The text color was changed.
Test	The test was successful.

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Table 1: Test 1

Figure 36 Hovering

Figure 37 Hovering 2

2. Test no 2

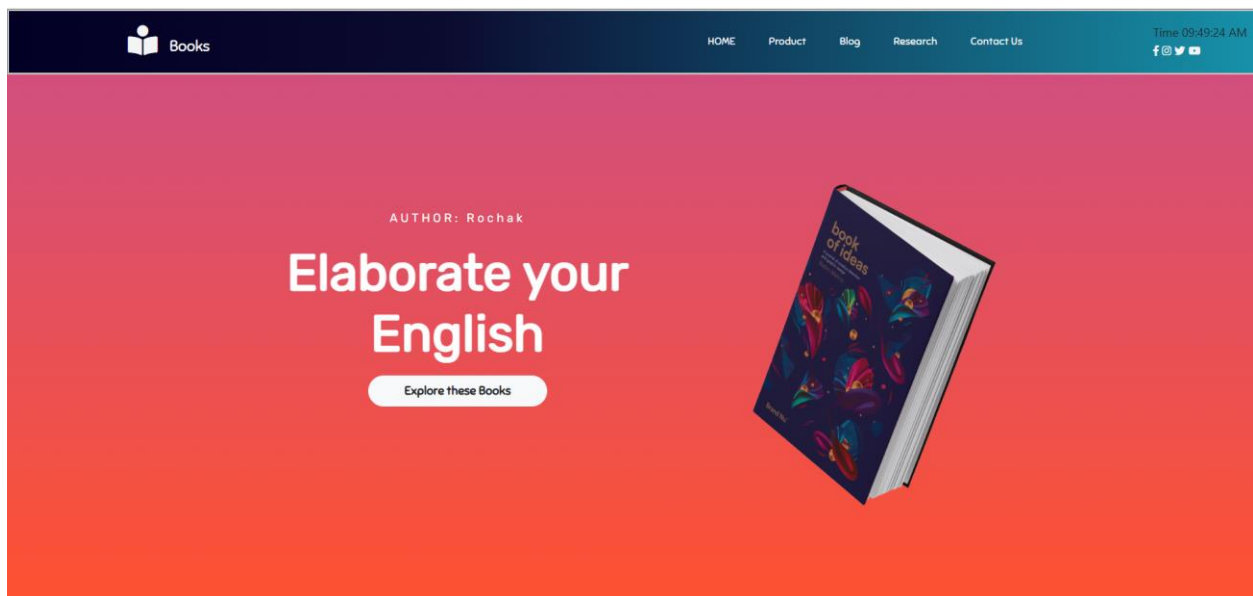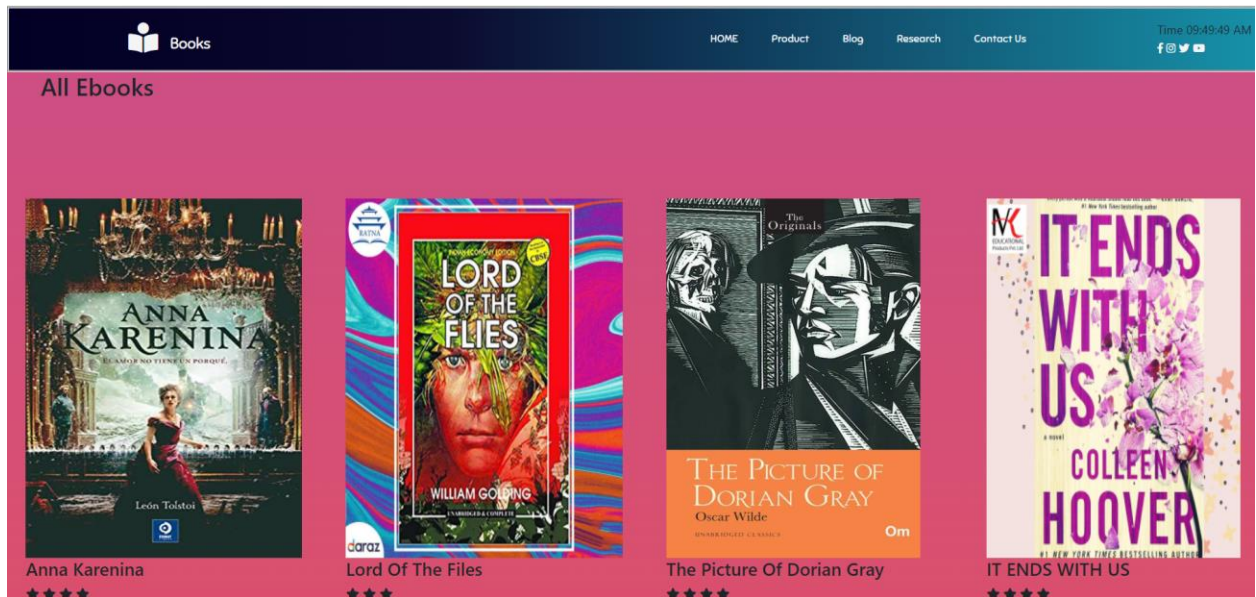| Objective	To provide external and internal link.
Action	Link is provided to visit the page.
Expected Result	To visit another page of same website.
Actual Result	Visit the page.
Test	The test was successful.

Table 2: Test 2

Figure 38 Internal Link

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Figure 39 Hovering 2

3. Test no 3

Objective	To check if the alert message is displayed when the given form have empty information.
Action	Email is not filled in form.
Expected Result	The alert message should be displayed if the form have empty fields.
Actual Result	The alert message was displayed when the form have empty fields.
Test	The test was successful.

Table 3: Test 3

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Figure 40 Form Field

Figure 41 Alert message is displayed.

4. Test no 4

Objective	To check if the alert message saying thank you is displayed when the given form is filled properly.
Action	The given form was filled properly.
Expected result	The alert message should be displayed if the form have empty fields.
Actual result	The alert message was displayed when the form have empty fields.
Test	The test was successful.

Table 4: Test 4

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Figure 42 Form Filled properly

Figure 43 Form Filled

5. Test no 5

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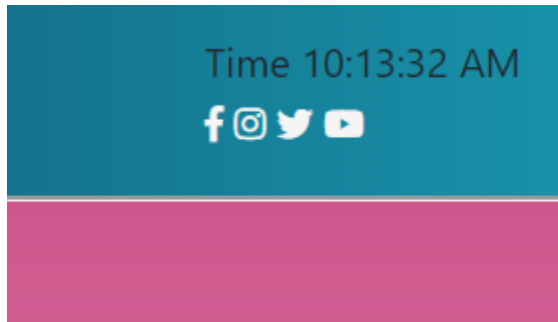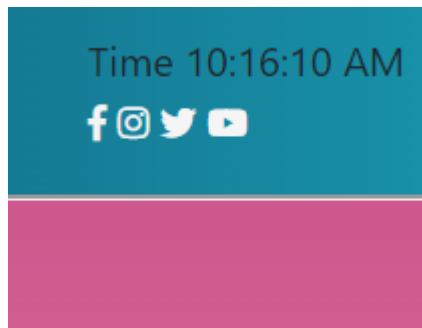| Objective		To display time.
Action		To display real time.
Expected result	Time has to be displayed.	
Actual result		Time is displayed.
Test		Test is successful.

Table 5: Test 5

Figure 44 Time before

Figure 45 Time after

1.9 Conclusion:

The coursework's goals and objectives are to teach us how a website is built and what factors are crucial to consider while developing a well-managed and appealing website. After completing the coursework, we will be able to create a visually appealing website. The ability to create a basic and appealing website will be acquired.

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