



CC4057NI/CC4058NI Introduction to Information System

60% Group Coursework

2022-23 Autumn

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|---------------------------|---|

I confirm that I understand my coursework needs to be submitted online via MySecondTeacher 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

Networking and IT security course includes different modules which keeps us updated about the evolving technology and its usage. One of the important year-long module is Introduction to Information System. This module made us familiar with the existing and evolving systems used to collect and deliver the information, which is indeed dynamic in nature. After learning about the databases, we learned about the web development as it has become an integral part of delivering information and services via Internet. In the first semester, we learned about HTML, CSS, and JAVA Script to develop a proper website (e-commerce website, here).

1.1. Goals and Objective

As we are at the end of semester, we were assigned with our first coursework based on Web Development which really helped us implement the knowledge and skills of programming languages we recently learned. The main objectives of the project are to enhance our skill on applying the scripting languages, design a competent website using appropriate tools, acknowledging self about the design considerations and finally to understand about the basic internet technologies in this coursework we developed e-commerce website which is one of the most popular and engaging websites on today's world of Internet. The e-commerce website we developed is named as, 'The Bonsai Shop' which is completely dedicated in selling different Bonsai plants. The website includes five main webpages which include the 'Home page', 'Product page', 'Blog page', 'Research page' and 'About us' page. The About us page includes the supporting webpages which consist of the portfolio of each team members.

1.2 Use of HTML, CSS and JavaScript while developing a website

1.2.1 HTML



Figure 1: Html logo (W3C, 2023)

HTML stands for hypertext markup language. It is the standard markup language that is used for creating web page. It describes the structure of a web page and consist of a series of elements.HTML elements tell the browser how to display the content. (W3 schools, 2023)

Html was crucial in the development of our bonsai plant website.Html provided the basic structure and content of the website allowing us to create pages with text, images, creating headings, paragraphs, lists and other elements required for building website.Html allows us to create links between pages on our website ,making it easier to navigate and find the information. Html was a fundamental and important tool in the development of website.

1.2.2 CSS



Figure 2: CSS logo (pixabay, 2023)

CSS Stands for "Cascading Style Sheet." Cascading style sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML.CSS helps Web developers create a uniform look across several pages of a Web site. (Tech Terms, 2023)

CSS was also an important part for the development of our bonsai plant ecommerce website. CSS allows us to customize and design our website, including the layout, color scheme, font styles, font-family and many. This was very important in making our website. CSS helped us, making our website look attractive and appealing to users.

1.2.3 JavaScript



Figure 3: JavaScript (VectorStock, 2023)

JavaScript is a programming language commonly used in web development. It was originally developed by Netscape to add dynamic and interactive elements to websites. While JavaScript is influenced by Java, the syntax is more similar to C and is based on ECMAScript, a scripting language developed by Sun Microsystems. (Tech terms, 2023)

JavaScript was also an important part for the development of the website. JavaScript allowed us to add dynamic behavior to our website, such as updating content in response to user actions, creating image slider and more. This made our website more engaging and user-friendly. JavaScript allowed us to add user interactivity to our website, such as adding login forms, adding "Add to cart" buttons and so on.

1.3 Verdict

Introduction to the information system made every learner familiar with the existing and also the evolving information system. The knowledge of web development helps the learner to know about how it functions and what are the things that are mostly to be

considered while building the suitable and effective website. The Bonsai Shop , an e-commerce website we built met all the requirements that were mentioned in the guideline provided by the module leader. I hope if hosted, we should work on the search engine optimization and the colour themes too.

2. Discussion and Analysis

2.1 Tools used

2.1.1 VS CODE



Figure 4: Visual studio code (CDNLOGO, 2023)

Visual Studio Code is a free, lightweight but powerful source code editor that runs on your desktop and on the web and is available for Windows, macOS, Linux, and Raspberry Pi OS. It comes with built-in support for JavaScript, TypeScript, and Node.js and has a rich ecosystem of extensions for other programming languages. Visual Studio Code has IntelliSense code completion for variables, methods, and imported modules; graphical debugging; linting, multi-cursor editing, parameter hints, and other powerful editing features; snazzy code navigation and refactoring; and built-in source code control including Git support. (Heller, 2022)

2.1.2 Balsamiq



Figure 5: Balsamiq (balsamiq, 2023)

Balsamiq Wireframes is a user interface design tool for creating wireframes (sometimes called mockups or low-fidelity prototypes). It is used to generate digital sketches of the idea or concept for an application or website, to facilitate discussion and understanding before any code is written. The completed wireframes can be used for user testing, clarifying your vision, getting feedback from stakeholders, or getting approval to start development. (balsamiq, 2023)

2.2 Developed webpages

2.2.1 Home page

Home page or start page of any website is the crucial part of the website as the website's traffic relies on it. As it's the landing page for the visitors, it must be built with the purpose of attracting the traffic and educating the visitors. Some of the business personnel still struggle to optimize it properly. It must include the critical elements like navigation bar, about section and the purpose of building the website. Supporting images, links and the information can be included in it. (kolowich, 2022)

The home page of developed e-commerce website 'The Bonsai Shop' meets approximately all the criteria to create a good home page. Required HTML, JavaScript and CSS are implemented here . The first section of the home page consists of navigation bar comprising the nav links and logo of the website. In order to attract the visitors, the image is used along with the welcome message. This image section also contains a button "Shop Now" which redirects the customer directly to the product page of the website. Home page contains the section which also shows the benefit of choosing our website to shop the bonsai. The page also contains a validate form where the visitors can send message or contact the website host. Here the JAVA Script is used which has the pop-up feature for the successful submission. Lastly the webpage consists of the footer section which is implied each webpage of the websites. It includes the contact information of the shop and includes the icon like Instagram and Facebook which when clicked redirects us to the official website of the Instagram or Facebook.

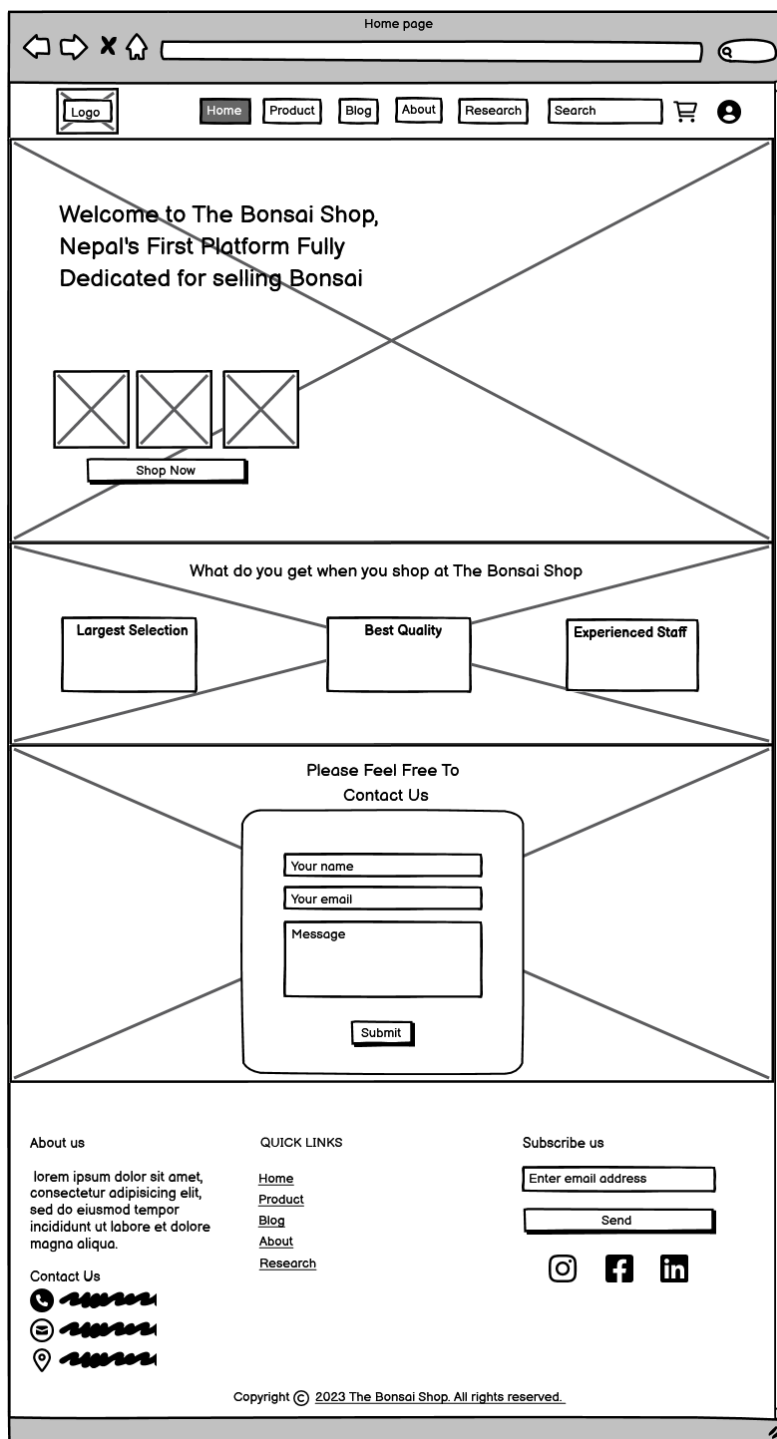


Figure 6: screenshot of wireframe of home page

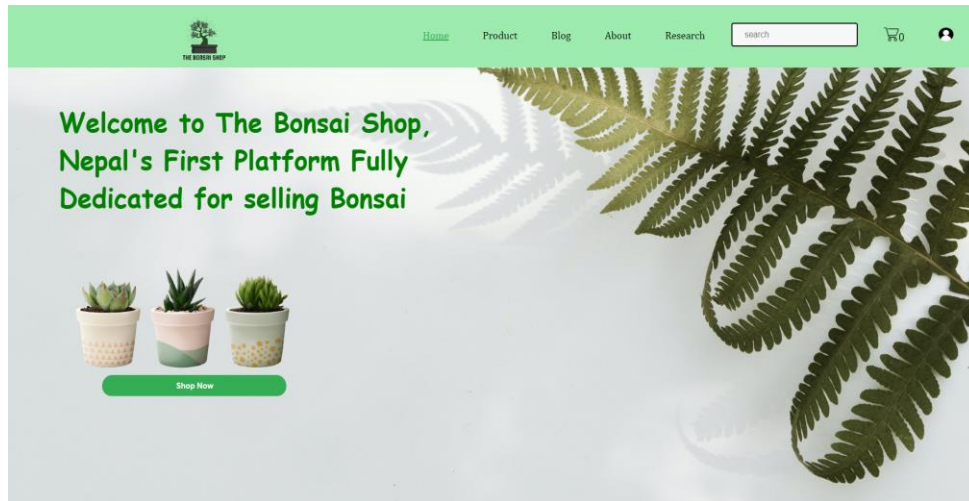


Figure 7: Screenshot of homepage



Figure 8: Screenshot of homepage

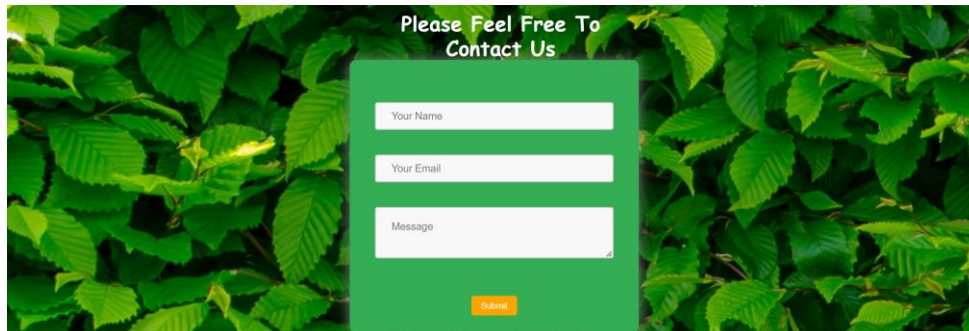


Figure 9: Screenshot of homepage

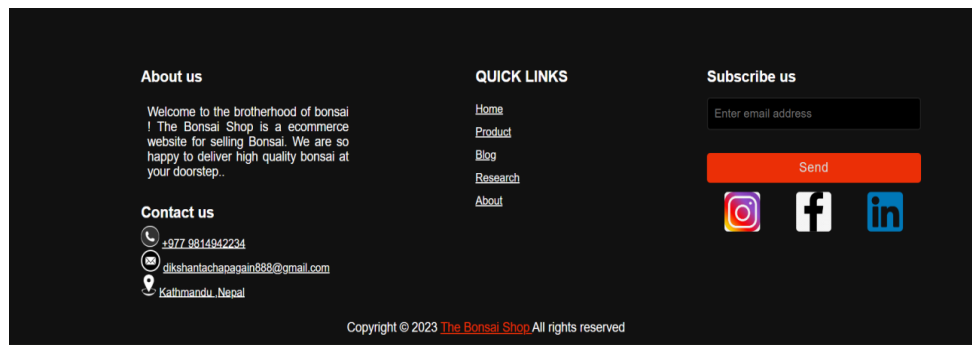


Figure 10: Screenshot of homepage

2.2.2 Product Page

Product page of e-commerce website is another crucial webpage which show cases the product we are selling including the price, discounted price, and option of adding to cart of respective product. Product page can have the direct approach by displaying the image of the products we are selling . (Cox, 2022)

Product page of the e commerce websites, we developed used the direct approach of selling product by displaying the pictures with price, discounted price and the features of the respective product. HTML for the layout, CSS for designing and JavaScript for the full functioning of add to cart button are used. Six products are displayed in the product pages. Functioning buttons like Add to cart and Buy Now is used . It also contains the navigation bar and the footer section of the website.

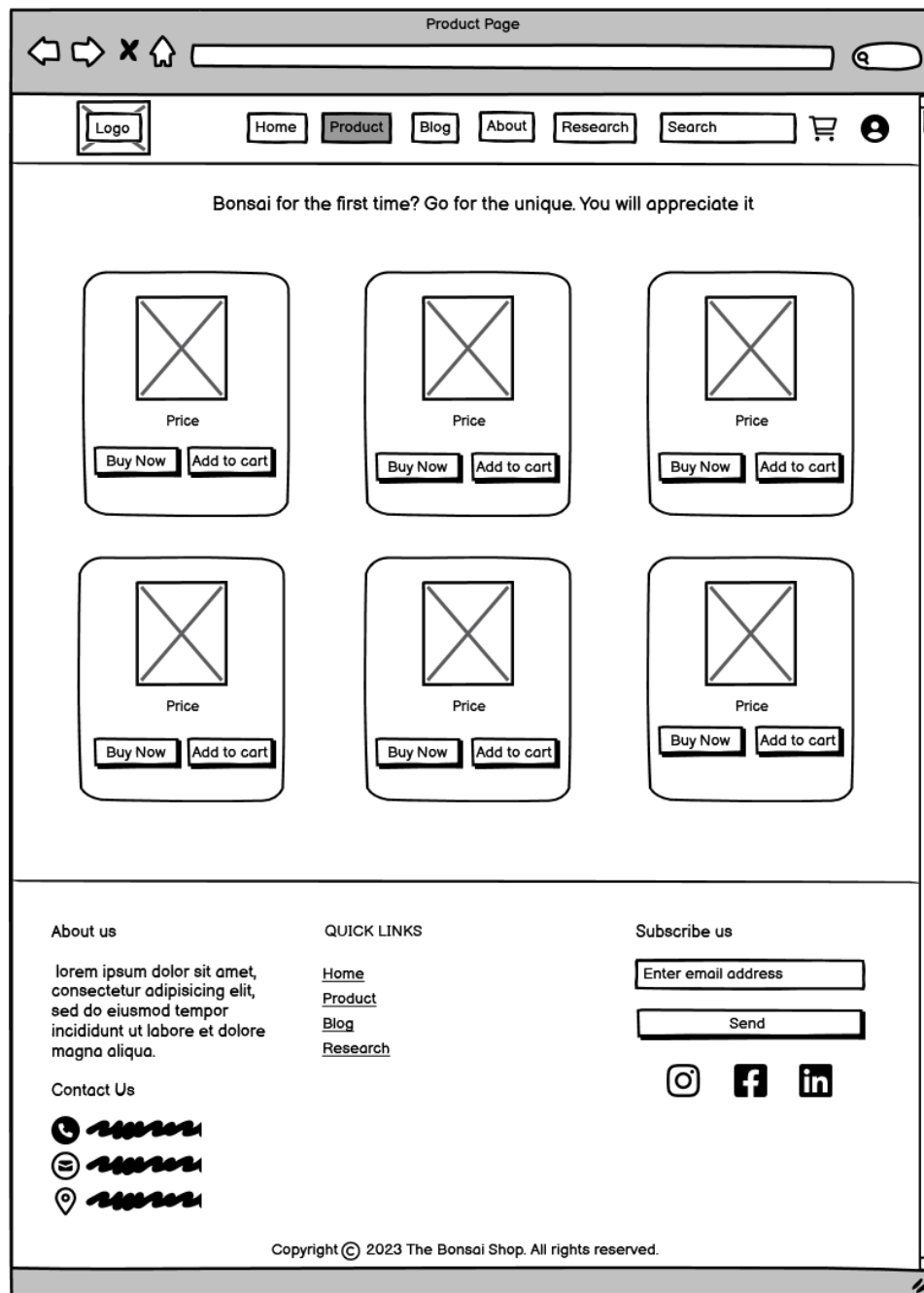


Figure 11: screenshot of wireframe of product page



Bonsai for the first time? Go for the unique. You'll appreciate them everyday.

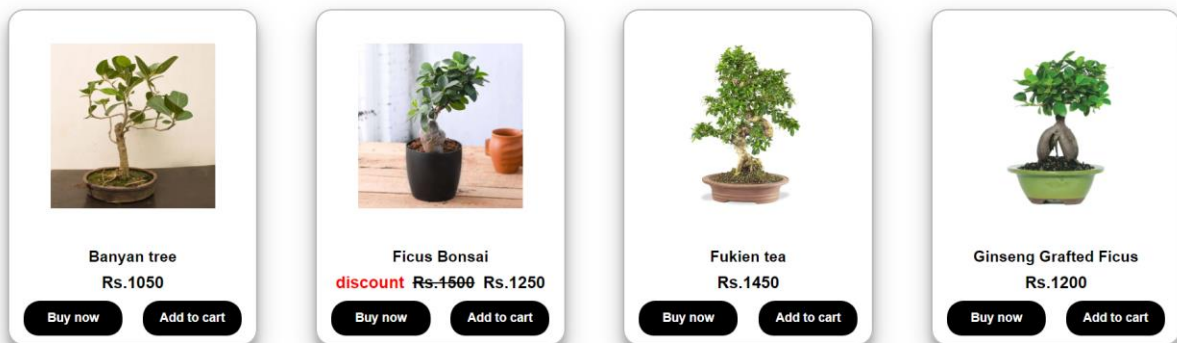


Figure 12: Screenshot of product page

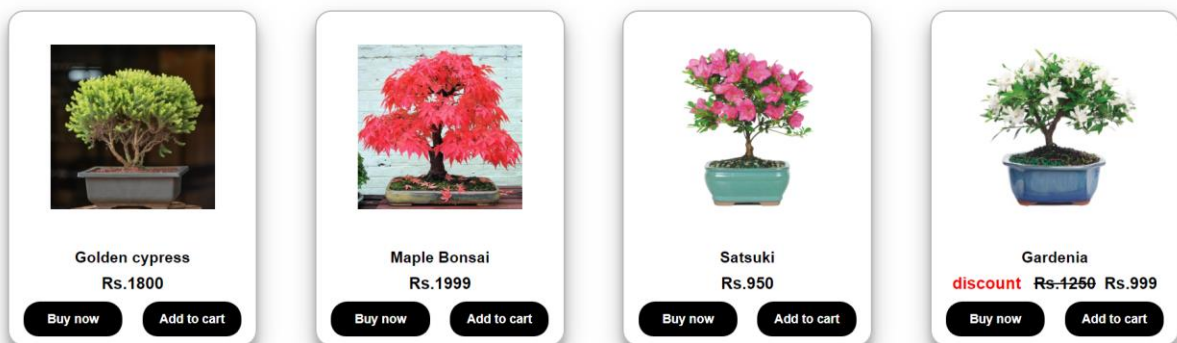


Figure 13: Screenshot product page

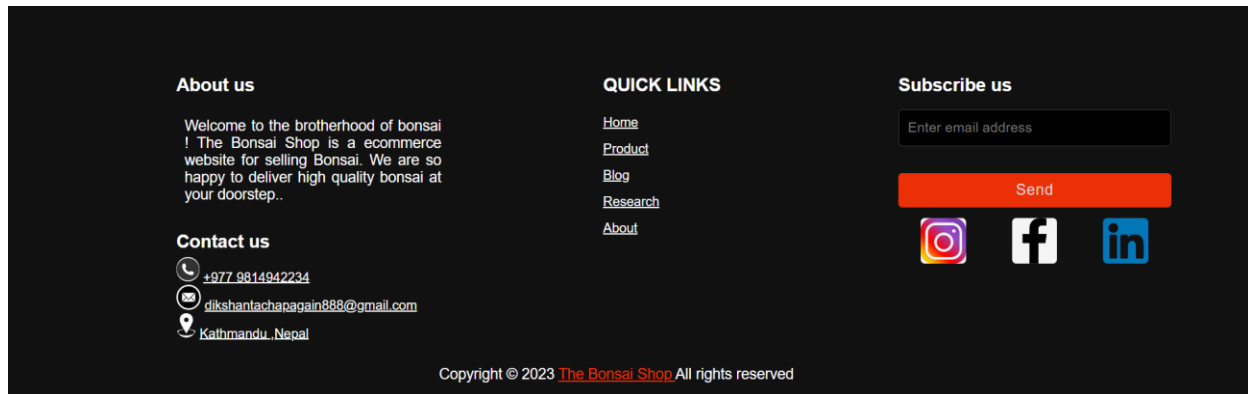


Figure 14: Screenshot of product page

2.2.3 Blog page

Blog page of any e-commerce website is the important webpage for the website as it helps in the best marketing. Blog page can also be used as the SEO tool for the e-commerce website. In the blog page, we can mention about the products we are selling. The feature, advantages, quality, and features of the product we are selling can be mentioned in the blog page.

As instructed in the guidelines of the coursework, the blog of e-commerce website developed consist of the description about the evolving technology and its impact on daily life of people. Proper tools and languages are used to make this page. Image slider using the JavaScript is displayed in the webpage. Table tags and internal links are used using the HTML. CSS has also played great role in beautifully designing the page.

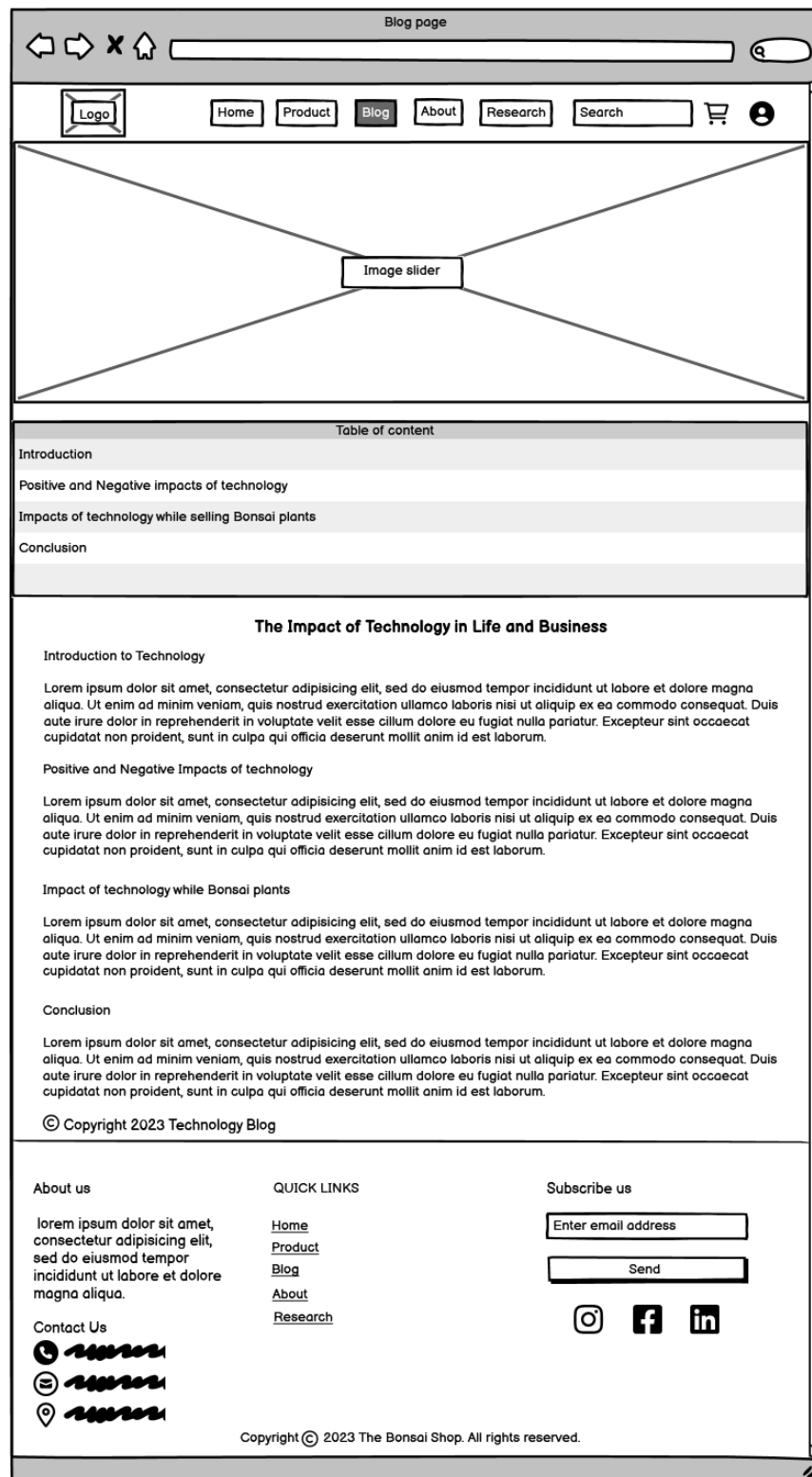


Figure 15: Screenshot of wireframe of blog page

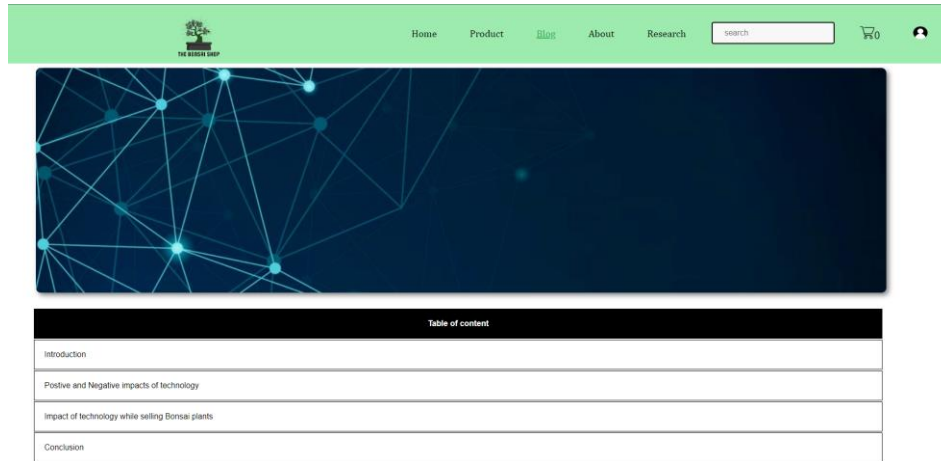


Figure 16: Screenshot of blog page

The Impact Of Technology In Life And Business

Introduction to Technology.

Technology refers to the tools, devices, systems, and methods that are used to achieve practical goals. It can be divided into several categories, including information technology, transportation technology, energy technology, manufacturing technology, and biotechnology, among others. Some examples of technology include computers, the Internet, smartphones, renewable energy sources, and manufacturing processes such as 3D printing. Technology has had a major impact on many aspects of society and has changed the way we communicate, work, and live. Technology is the continually developing result of accumulated knowledge and application in all techniques, skills, methods, and processes used in industrial production and scientific research. Technology is embedded in the operation of all machines, with or without detailed knowledge of their function, for the intended purpose of an organization. The word Technology can also mean the product resulting from such efforts. Technological advancement gave led to significant changes in society. It has helped human society to discover may mythic building and extinct pre-historic animals like Dinosaurs, Woolly Mammoth and many more. Nowadays, people are trying to build robots which can help in improving the human society. Humans have advanced to far more better technology that does not create pollution for example: electric vehicles that helps in maintaining air pollution and uses electricity as its fuel.

Positive and Negative impact of technology.

• Positive impact:

1. Increased efficiency: Technology can help organizations and enterprises get more done in less time by streamlining procedures, lowering errors, and increasing productivity.
2. Improved communication: No matter where they are, people can now connect and communicate with one another more easily because of technology.
3. Greater access to information: People now find it simpler to access a wealth of knowledge on almost any subject thanks to the Internet and other digital technology.
4. Enhanced education: Technology can be used in classrooms and online to give students access to educational resources and interactive learning opportunities.
5. Improved healthcare: With advancements like telemedicine, electronic health records, and medical devices boosting patient care and results, technology has completely changed the healthcare sector.
6. Increased safety: Security systems, car safety features, and emergency response technologies are just a few ways that technology can assist make life safer in various contexts.
7. Greater convenience: From online banking and shopping to the use of smart home devices, technology has improved many aspects of daily living.
8. Enhanced entertainment: Video games, streaming services, and virtual reality are just a few of the new forms of entertainment made possible by technology.

Figure 17: Screenshot of blog page

• Negative impact:

1. Dependence: Some people could grow overly reliant on technology, which could cause issues if it breaks down or is unavailable.
2. Cybersecurity risks: The use of technology also increases the threat of cyberattacks and data breaches, which could expose private data and result in identity theft.
3. Privacy concerns: Technology can help improve the collection and use of personal data by businesses and organizations, which may give rise to privacy concerns.
4. Job displacement: Automation and artificial intelligence are two examples of technology that have the potential to replace human labour and cause job losses.
5. Health issues: Overusing technology, such as spending too much time on cellphones or spending too much time in front of a computer, can be detrimental to one's physical and emotional well-being.
6. Social isolation: Due to their excessive use of technology and lack of in-person connections, some people may experience social isolation.
7. Digital divide: Between individuals who have access to technology and those who do not, there is a "digital divide" that may lead to disparities in opportunities for work, education, and other factors.
8. Environmental impact: Through the usage of non-renewable resources and the creation of e-waste, the manufacture and use of technology can have a negative influence on the environment.

Impact of technology while selling Bonsai plants

Technology has had a significant impact on the way bonsai plants are sold and marketed. Here are a few ways that technology has affected the bonsai industry:

- **Online sales:** A considerably wider customer base is now accessible to bonsai vendors thanks to the Internet. Selling bonsai plants to customers around the world is now simple thanks to online marketplaces and e-commerce platforms like Amazon and Etsy.
- **Social media marketing:** For bonsai retailers, social media sites like Facebook, Instagram, and Pinterest have developed into effective tools for showcasing their plants and interacting with possible clients. In order to attract a larger audience, sellers might use hashtags and publish images and videos of their bonsai plants.
- **Online tutorials and resources:** Resources and tutorials on how to care for bonsai plants may be found on a wide variety of websites and YouTube channels. This has probably improved the appeal of the activity and made it simpler for others to learn about bonsai.
- **More sophisticated techniques for Bonsai growing:** Technology development has made it simple for bonsai fans to access new techniques for cultivating bonsai. Additionally, digital tools like AI or IoT can optimize or automate temperature management, lighting, or watering, which is helpful for bonsai upkeep.
- **Virtual tours or video calls:** Virtual tours, video conversations, and other digital tools have grown in popularity among bonsai dealers as a result of the pandemic scenario because they give customers the impression that they are visiting a physical store and enable remote advice and on-demand support.

Figure 18: Screenshot of blog page

Conclusion

In conclusion, Technology has had a profound impact on our daily lives and has changed the way we communicate, work, and live in general. It has brought numerous benefits such as increased access to information, improved efficiency, and greater connectivity. However, it also presents challenges such as privacy concerns, job displacement, and addictive behaviors. Overall, technology continues to shape the world and it is up to us to harness its benefits while mitigating its drawbacks. Technology has significantly changed how bonsai plants are advertised and sold. In context of Bonsai plant, it is now simpler for bonsai vendors to interact with clients and reach a larger audience because of online sales, social media marketing, online courses and resources, virtual tours, and technological advancements. These developments have also made it simpler for individuals to learn about bonsai, which is probably why the pastime is becoming more and more well-liked. In addition, with the aid of technology, innovative methods for bonsai growing are now freely accessible to aficionados. It is obvious that technology has benefited the bonsai industry significantly and will probably do so in the future.



Figure 19: Screenshot of blog page

2.2.4 About Us Page

About us page of any website mainly answers the question 'WHO?' and the mission of this webpage is to describe "This is who we are." It must include the short message of the reason behind the establishment of the company and the business model. It must include the short description of the development team member or the founders behind the company and website indeed.

About us page of the ecommerce website," The Bonsai Shop" includes a short description of the company and the message from the founder. The About us page also includes the photo of the member of the development team along with the see more button which when clicked, directs us to the new webpage consisting of CV of the respective member.

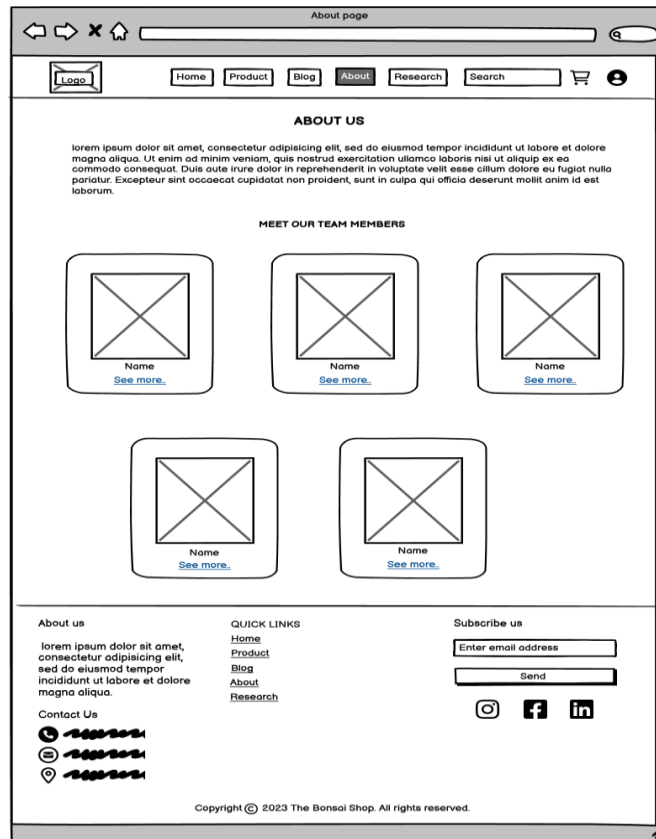


Figure 20: Screenshot of wireframe of About Us page

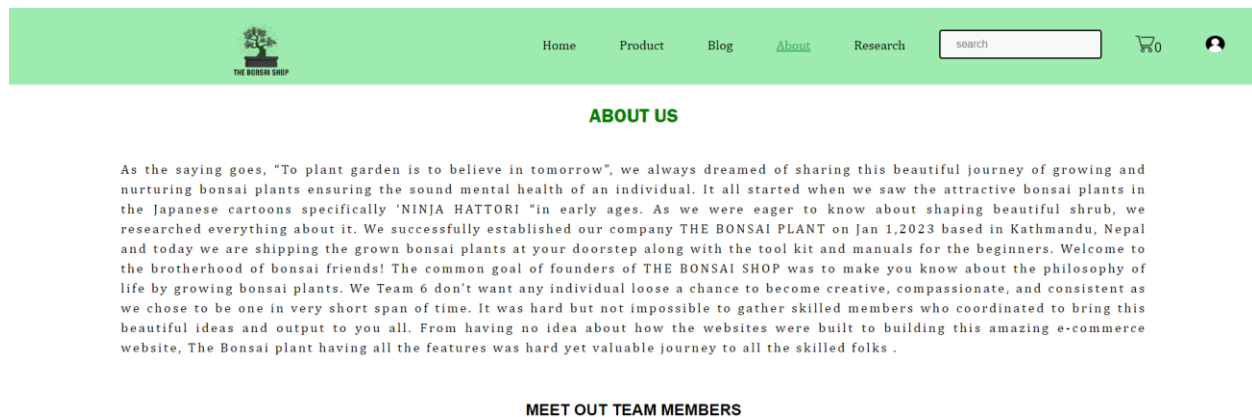


Figure 21: Screenshot of About page

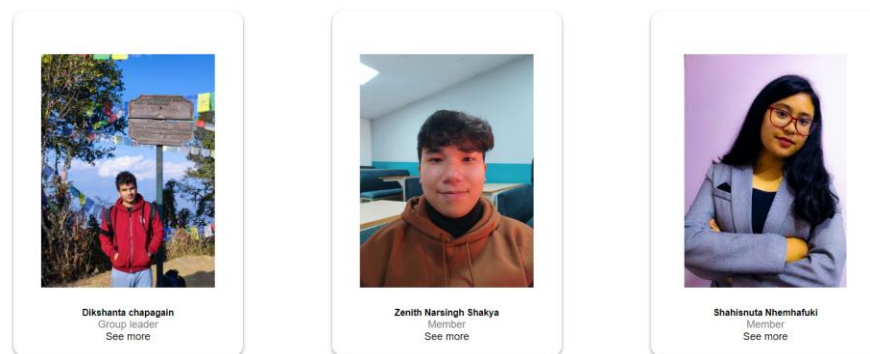


Figure 22: Screenshot of About page

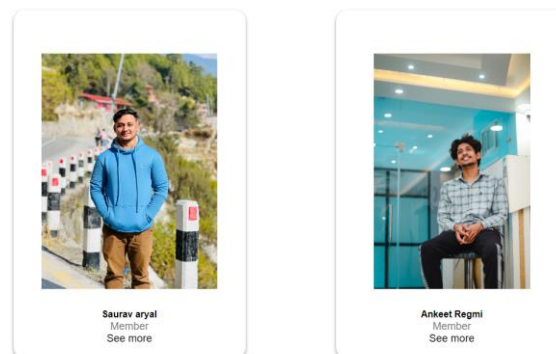


Figure 23: Screenshot About page

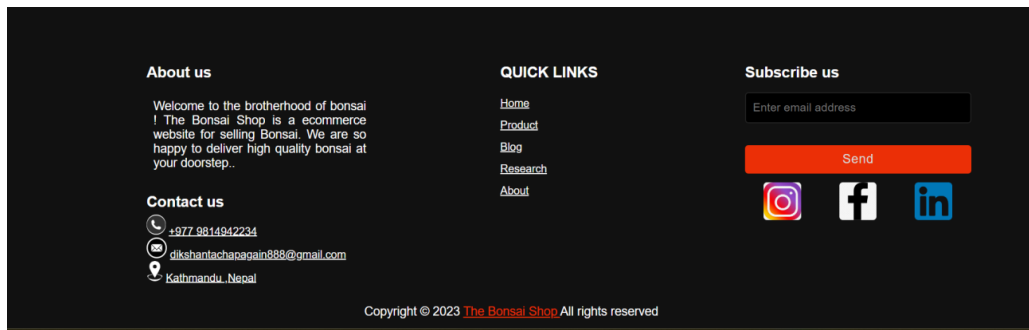


Figure 24: Screenshot of product page

2.2.5 Research Page

Research section of any website must contain about the research done on the respective topics. But the research page of the developed website constituents of the screenshot and description of the developed webpages and the inspirations of it. It also describes the peculiarity of the webpages we developed from the inspired webpages. Five web pages of different e-commerce website were referenced. However, wide changes are made in it for maintaining the originality and uniqueness.

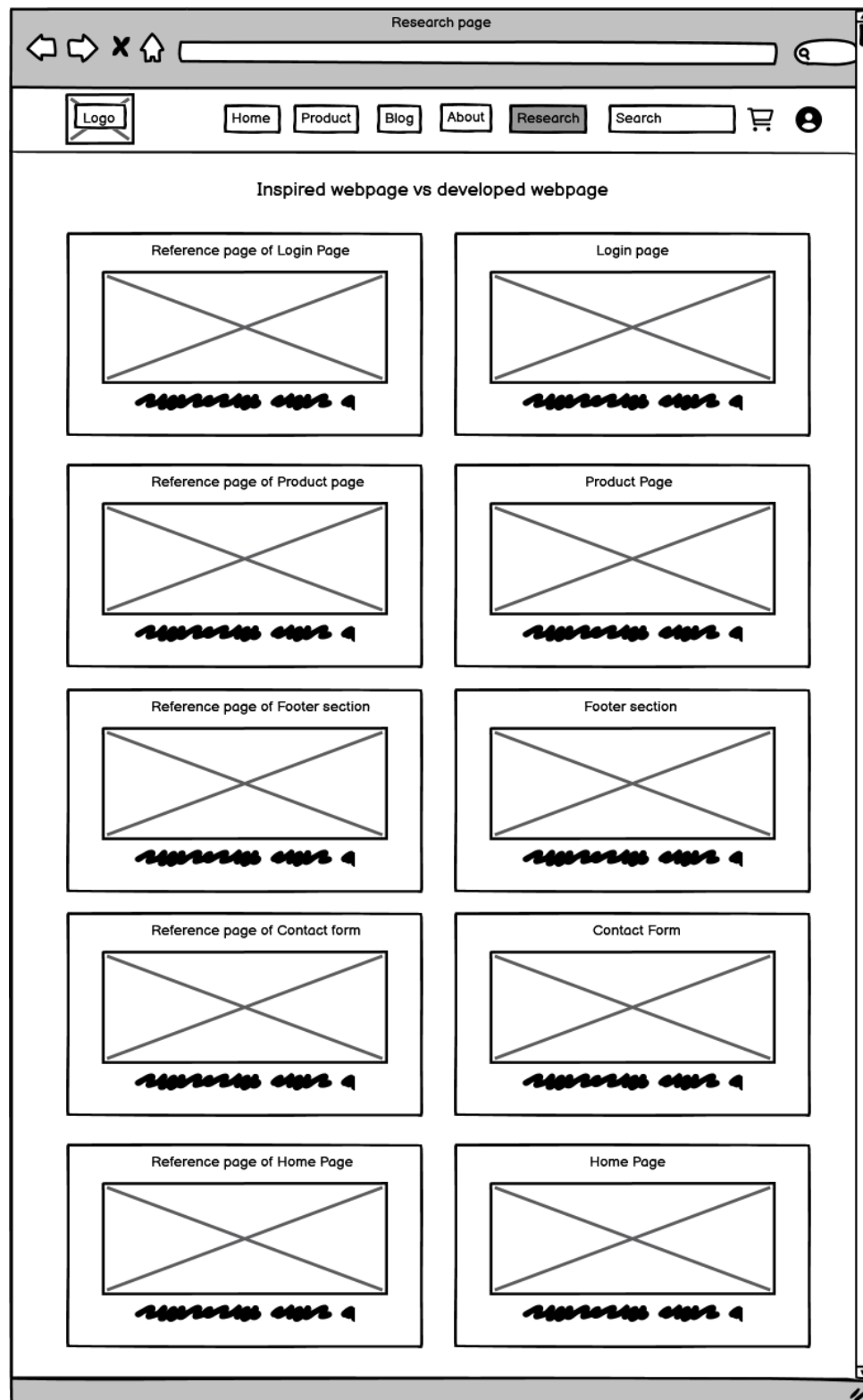


Figure 25: screenshot of wireframe of research page

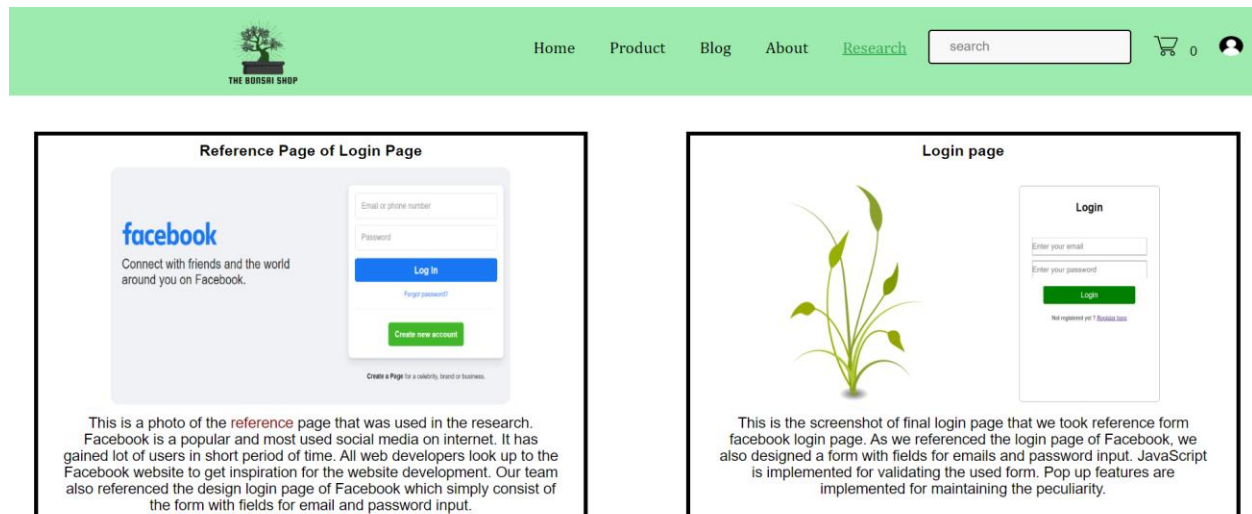


Figure 26: Screenshot of Research Section

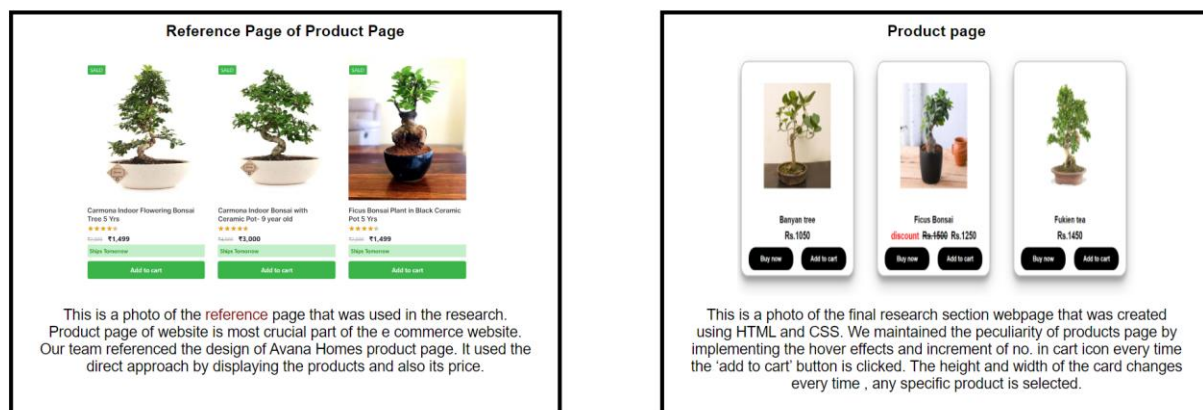


Figure 27: Screenshot of Research Section

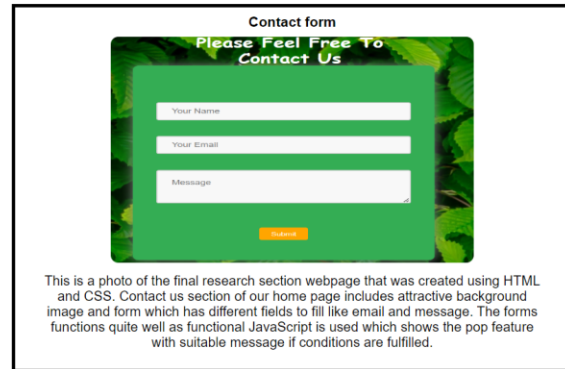
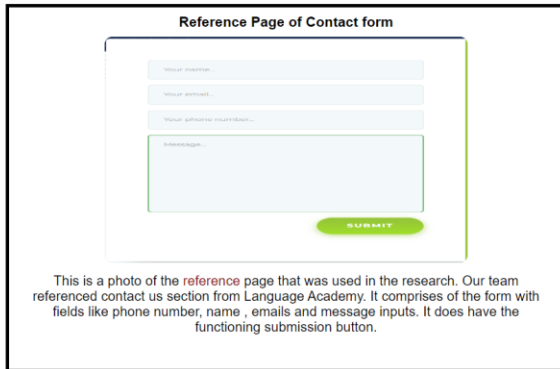
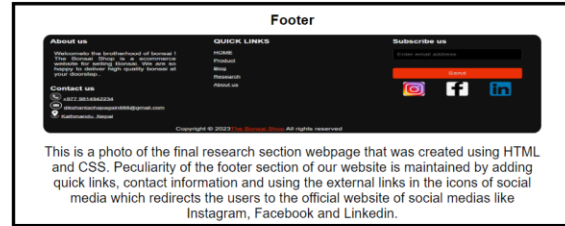


Figure 28: Screenshot of Research section

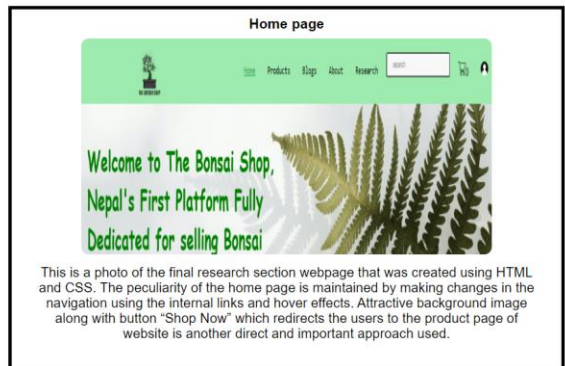
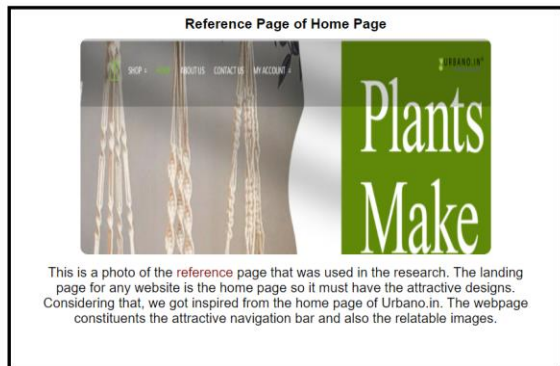


Figure 29: Screenshot of Research section

2.2.6 Login page

Login page of any website is an important part of the website because it keeps track of individual visitors about their interest and specific product selection. One must enter a valid name and password to sign themselves in. It is a safe way to store the information about the visitors and their choices.

Clicking on the user profile icon on the navigation bar redirects us to the login page. HTML, CSS and JavaScript is used for making the layout of the form and properly designing it. The form has two fields to fill. The first one is the email address and the other is the password. If the required condition is fulfilled by entering data in the required field, it shows the text “Logging in” but if the field is not filled then a message pops which requests the user to enter the information in the required field. Another condition that should be met is that the password must be 6 characters long. So, in this way, with the help of JavaScript the page is made functional.

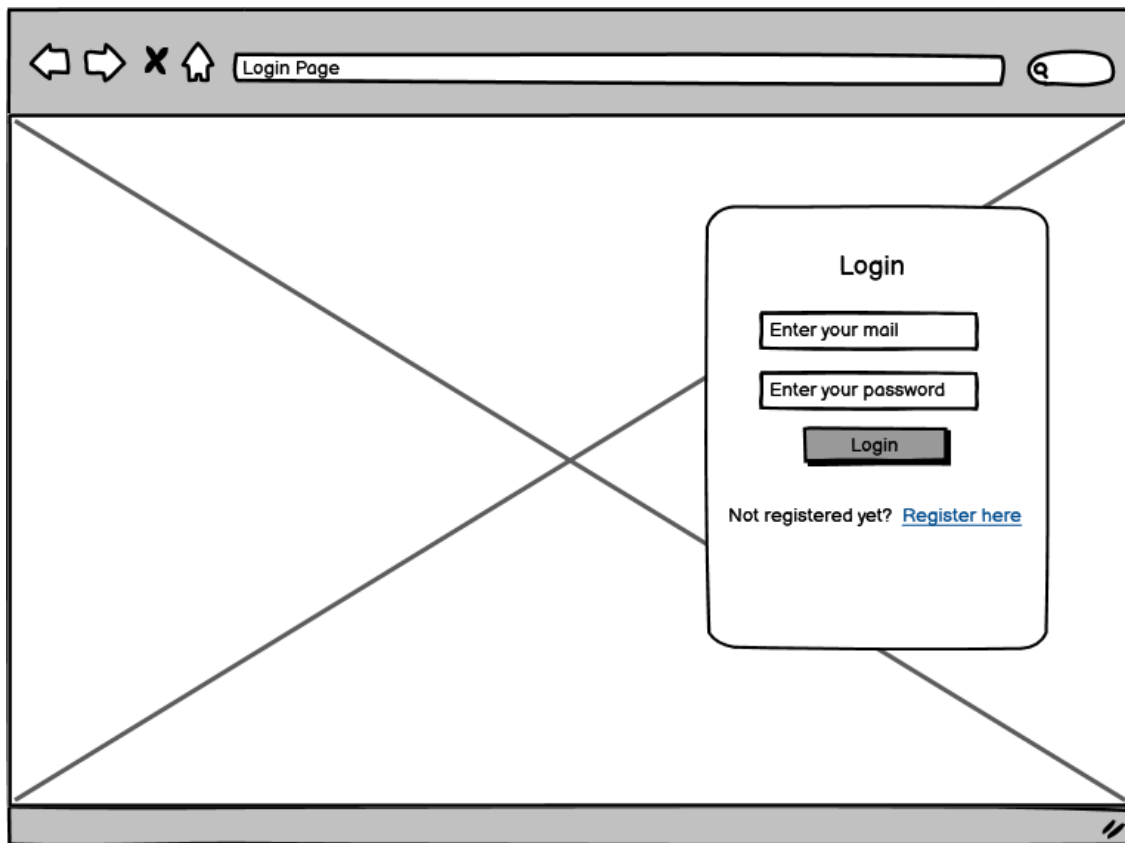


Figure 30: screenshot of wireframe of login page



Login

Login

Not registered yet ? [Register here](#)

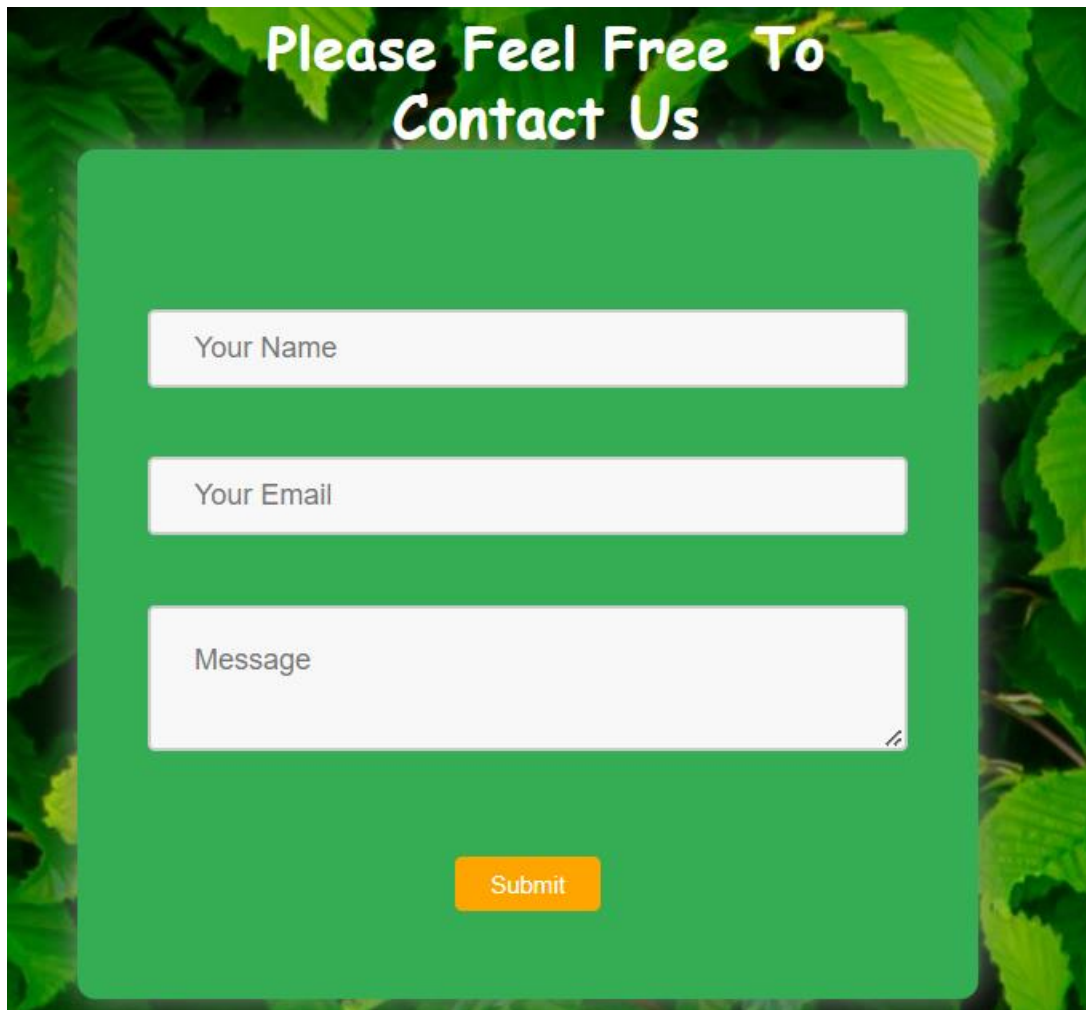
Figure 31: Screenshot of login page from website

3. Testing

3.1 JavaScript Test 1

| Test No. | 1 |
|-------------------------|--|
| Objective: | To validate the form used in the contact section of home page. |
| Action: | <ul style="list-style-type: none"> The required field in the form is filled with the necessary information. Submit button is clicked after filling the required field. |
| Expected Result: | When all the required field is filled with valid information and submit button is clicked, it must pop up with the message "Form submitted successfully!". |
| Actual result: | On clicking the submit button, message "Form submitted successfully!" pops up. |
| Conclusion: | Test is successful. |

Table 1: Test table of JavaScript Test 1



Please Feel Free To Contact Us

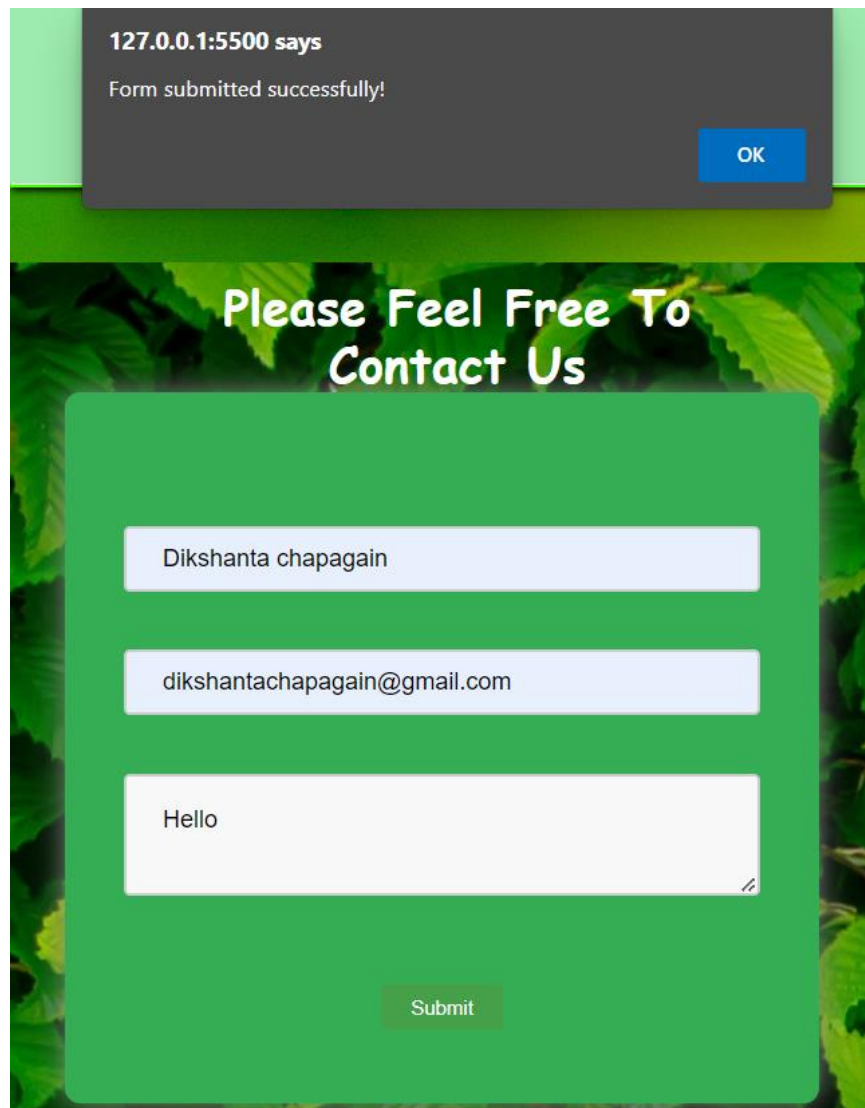
Your Name

Your Email

Message

Submit

Figure 32: Screenshot of contact us form before filling the form



The image shows a web form titled "Please Feel Free To Contact Us" set against a background of green leaves. A dark grey pop-up message box is at the top, stating "127.0.0.1:5500 says" and "Form submitted successfully!" with an "OK" button. The form itself has three input fields: the first contains "Dikshanta chapagain", the second contains "dikshantachapagain@gmail.com", and the third contains "Hello". A "Submit" button is located at the bottom of the form.

Figure 33: Screenshot of contact us form after filling the form with pop up message

3.2 JavaScript Test 2

| Test No. | 2 |
|-------------------------|--|
| Objective: | To test the image slider used in the Blog Page of the website. |
| Action: | <ul style="list-style-type: none"> It works when webpage is loaded and doesn't need any action. |
| Expected Result: | The image should change within three seconds. |
| Actual result: | The image was changed within three seconds. |
| Conclusion: | Test is successful. |

Table 2: Test table for JavaScript Test 2



Figure 34: screenshot of image slider of blog page

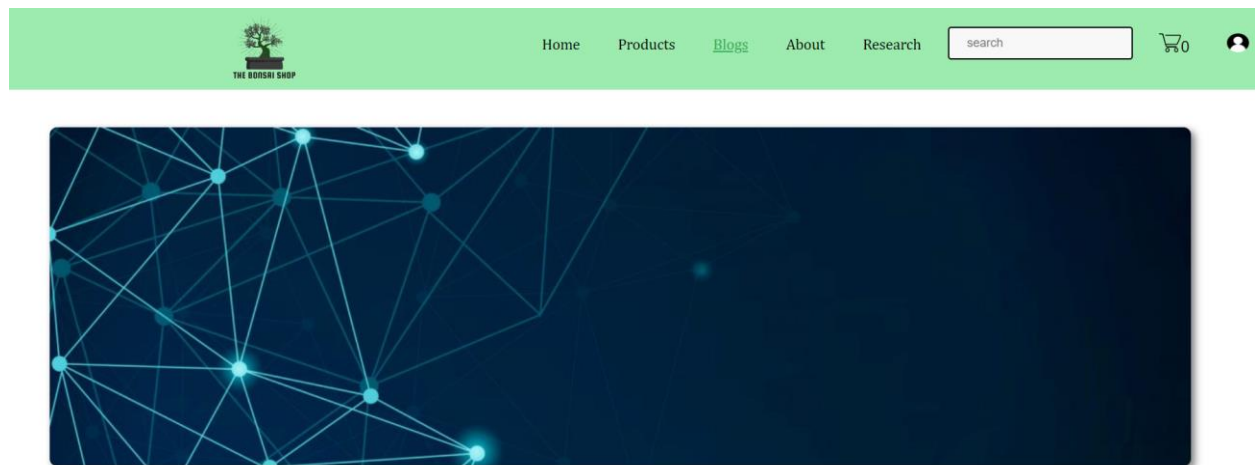


Figure 35: screenshot of image slider after the image was changed within three seconds

3.3 JavaScript Test 3

| Test No | 3 |
|-------------------------|--|
| Objective: | To test whether the add to card button used on Product Page functions or not. |
| Action: | <ul style="list-style-type: none"> • Products on navigation bar is clicked. • One of the products is selected and add to card button is clicked. |
| Expected Result: | When the add to cart button is clicked, there must be increment in the number on Cart icon (Navigation Bar). |
| Actual result: | After clicking the add to cart button , the number in the cart icon increased. |
| Conclusion: | Test is successfully. |

Table 3: Test table for JavaScript Test 3



Bonsai for the first time? Go for the unique. You'll appreciate them everyday.

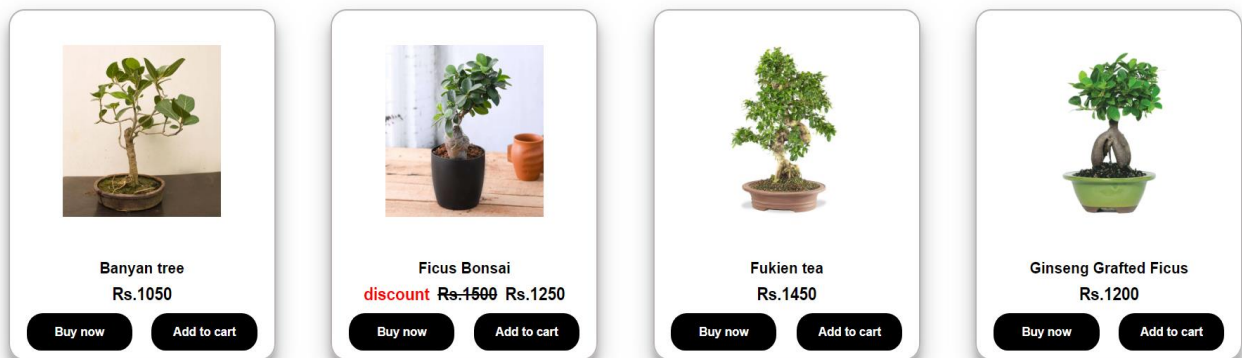


Figure 36: screenshot of product page before clicking 'Add to cart' button



Bonsai for the first time? Go for the unique. You'll appreciate them everyday.

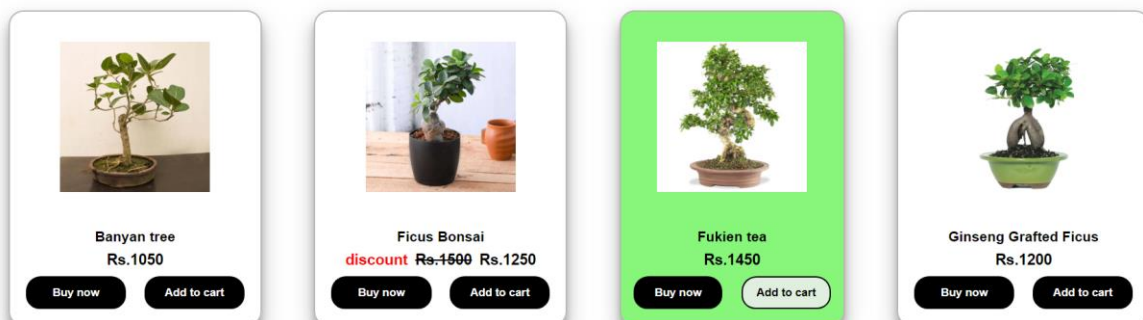


Figure 37: screenshot of product page after clicking 'Add to cart' button

3.4 Testing the Hover effect in Navigation Bar

| Test No. | 4 |
|-------------------|--|
| Objective: | To test the Hover effect in Navigation Bar. |
| Action : | <ul style="list-style-type: none"> The cursor is moved on the navigation bar. |
| Expected Result : | When the cursor is hovered over a nav link, the colour of it must change. |
| Actual result : | After the cursor is hovered over the nav links of navigation bar , the colour of it changes to dark green. |
| Conclusion: | The test of hover effect in navigation bar is successful. |

Table 4: Test table for testing the hover effect in Navigation Bar



Figure 38: Screenshot of navbar before taking hovering the cursor on it



Figure 39: Screenshot of navbar after hovering a cursor in it

3.5 Testing Internal and External Link in website

3.5.1 Testing Internal Link

| Test No | 5 |
|--------------------------|--|
| Objective: | To test the internal link present in webpages. |
| Action : | <ul style="list-style-type: none"> The link named 'See more' present below the image is clicked. |
| Expected Result : | When clicking on see more button, it must redirect to new webpage within the website which includes portfolio of respective team member. |
| Actual result : | After clicking on see more button, it redirects to the portfolio of the respective team member. |
| Conclusion: | Test is successful. |

Table 5: Test table for testing Internal Link

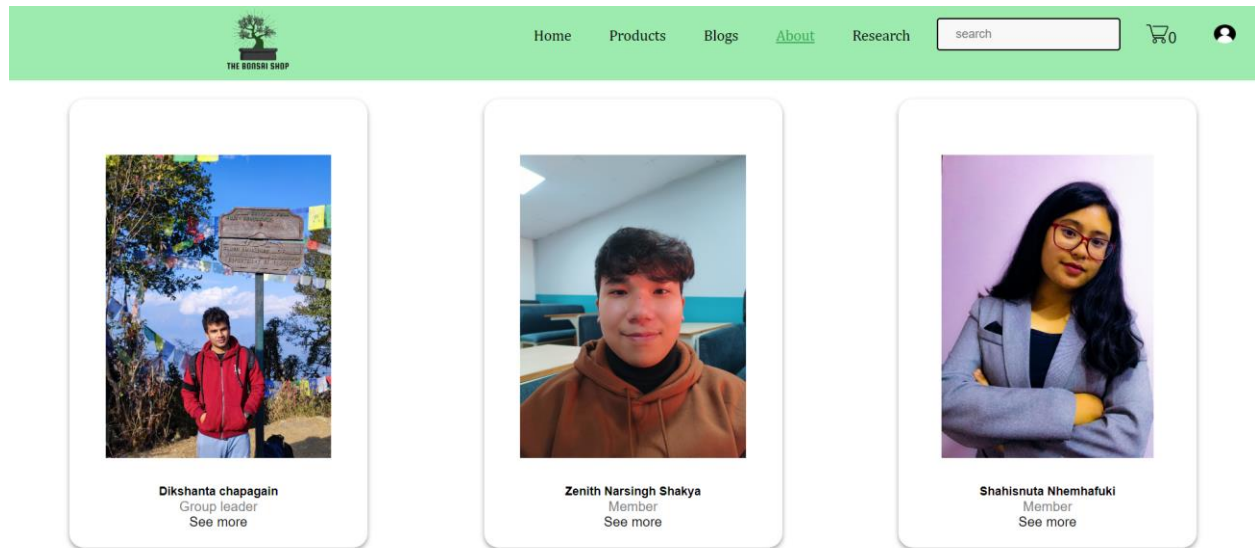


Figure 40: Screenshot of blog page before clicking the 'see more' link

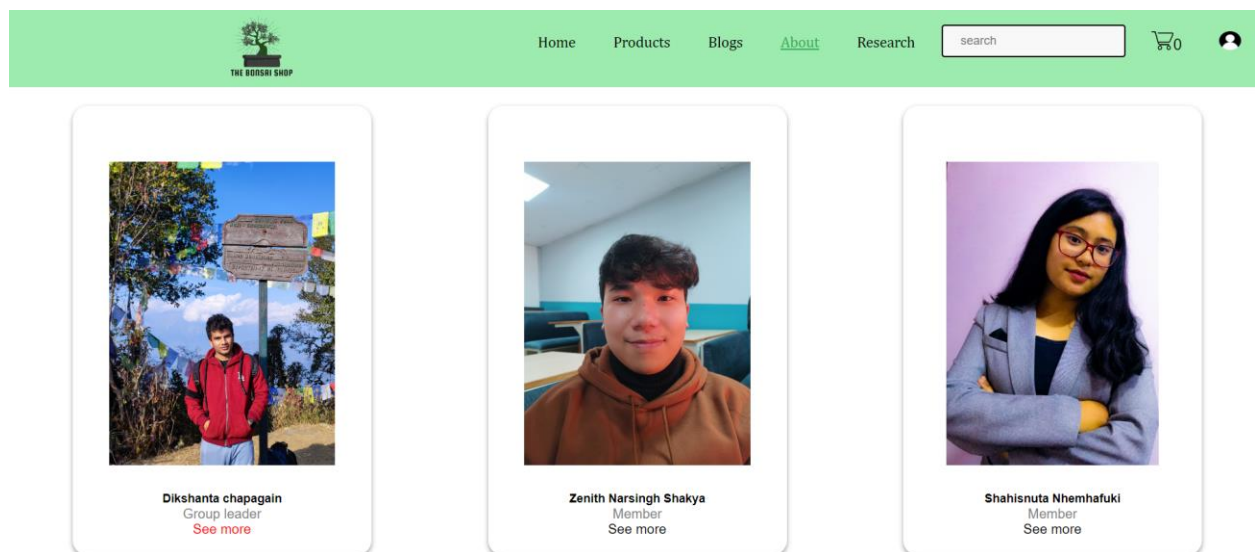
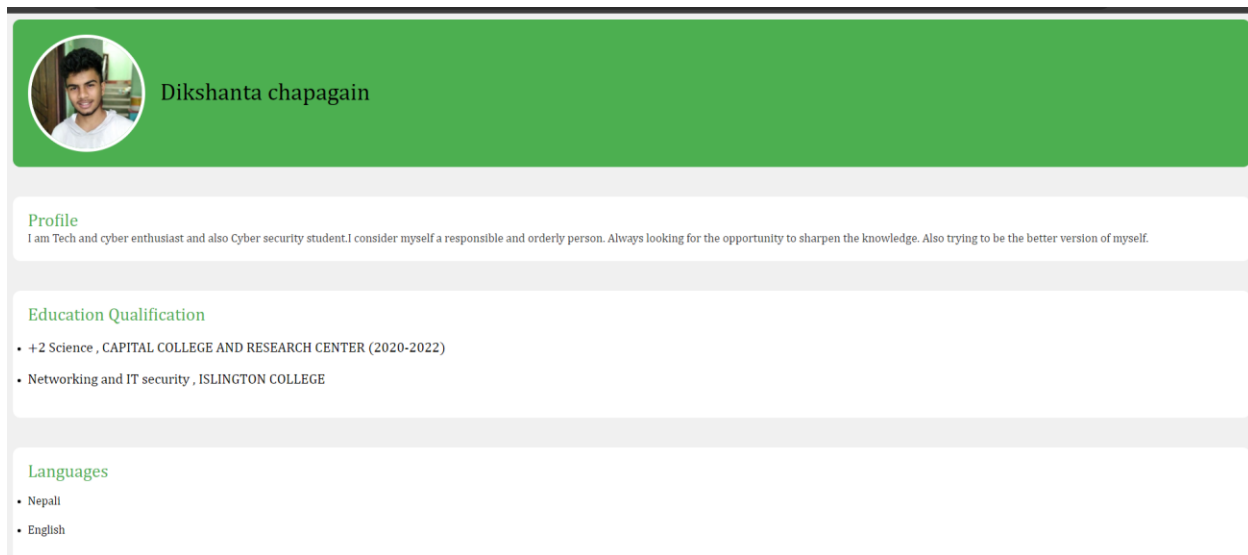


Figure 41: Screenshot of blog page while clicking the 'see more' link



Profile
I am Tech and cyber enthusiast and also Cyber security student. I consider myself a responsible and orderly person. Always looking for the opportunity to sharpen the knowledge. Also trying to be the better version of myself.

Education Qualification

- +2 Science , CAPITAL COLLEGE AND RESEARCH CENTER (2020-2022)
- Networking and IT security , ISLINGTON COLLEGE

Languages

- Nepali
- English

Figure 42: screenshot after clicking the 'see more'

3.5.2 Testing External Link

| Test No | 6 |
|--------------------------|---|
| Objective: | To test the external link present in webpage. |
| Action : | <ul style="list-style-type: none"> • The Instagram icon present in the footer section of webpage is clicked. |
| Expected Result : | When the Instagram icon in the footer section is clicked, it must redirect to the official website of Instagram. |
| Actual result : | After clicking the Instagram icon present in the footer section, official website of Instagram is opened. |
| Conclusion: | Test is successful. |

Table 6: Test table for testing External Link

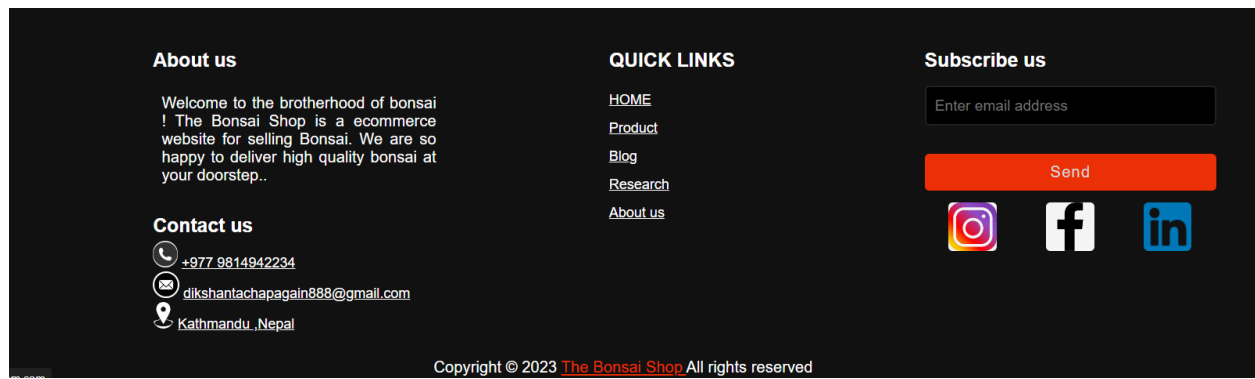


Figure 43: Screenshot of before clicking the Instagram icon

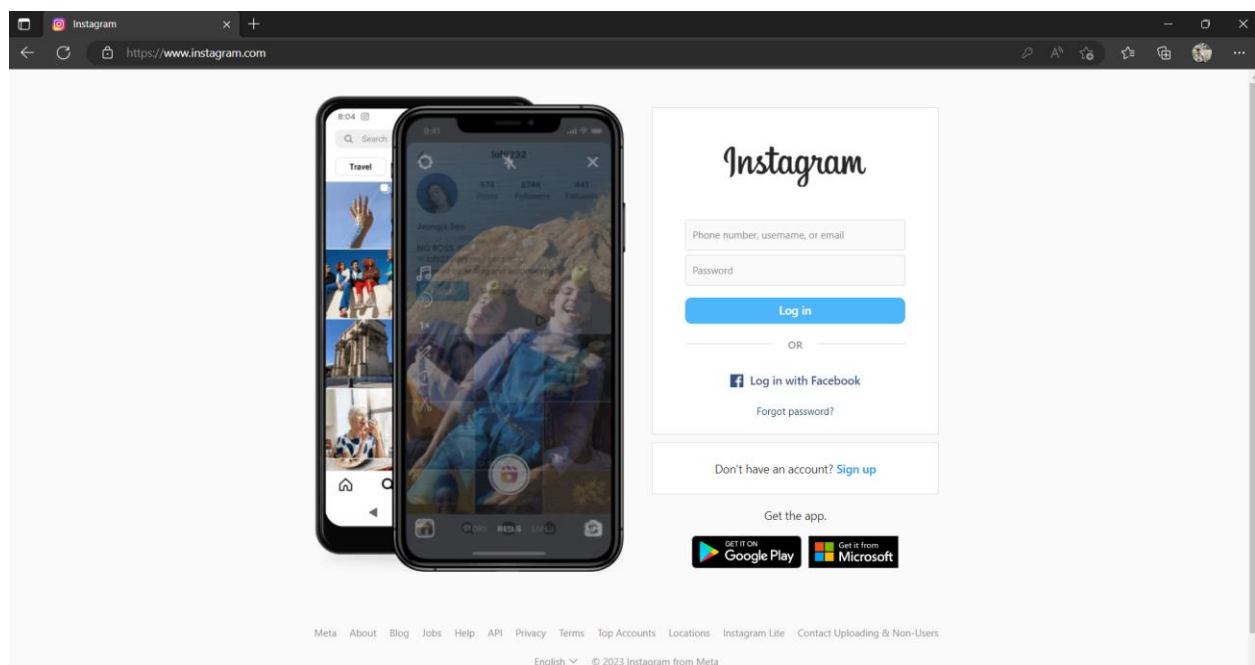


Figure 44: screenshot after clicking to Instagram icon

4.Conclusion

Technology is evolving day by day. Dependency in technology has increased drastically. This is the very reason why we IT students must be updated about the evolving technology and its power. Web development is tough yet the most important part in the information system as it is widely used to deliver the services and information. E- commerce websites are widely used. In this coursework, preparing layout for the webpages, designing it and making it functional were learnt. As a beginner, the overall experience from printing hello world to developing the whole website with the basics of HTML, CSS and JavaScript was challenging for all the members of the team but it was worth learning. The further upgrades can be made in following days as tech journey never ends.

The main objectives of the project are to enhance our skill on applying the scripting languages, design a competent website using appropriate tools, acknowledging self about the design considerations and finally to understand about the basic internet technologies. Through the coursework, all the students got basic knowledge about how the service oriented and info-oriented websites work. Every webpage developed was a crucial part of the website as it enhances the proper structuring and beauty of the content given for attracting the traffic.

As the type of the coursework was group coursework, all the members were actively working on the tasks assigned. Every work was equally divided, and all the members constantly worked on it though it was difficult for us at some point of time. With the help of the L T W system practiced in the college, help of faculties was taken in rechecking and also debugging the code. While coding, debugging plays an important role as it makes us know about the ways of proper coding. Every team member code using their personal devices and the problem arose when the codes were compiled but the active group leader solved it in a short period of time.

Moreover, the habit of researching the new things and not getting fully dependent on the faculties weren't built. But now, we have managed to do so. The curiosity of knowing more about programming languages has generated and possibly would like to go in depth of the programming languages and later professionally implement it too. Important topics like search engine optimization and adding the defense layers in the websites can be another good topic to search about and learn it. "The Bonsai Shop" an amazing e-commerce website is finally completed after overcoming all the hurdles and problems confronted during the development process.

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5. Appendix

5.1 Home page code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Home</title>
    <link rel="stylesheet" href="css/style.css" />
    <script src="js/Contact.js"></script>
  </head>
  <body>
    <!-- Navbar start -->
    <nav>
      <div class="logo">
        
      </div>
      <ul class="nav-links">
```

```

<li><a href="#" class="link-active" id="index-active">Home</a></li>
<li><a href="pages/products.html">Product</a></li>
<li><a href="pages/blog.html">Blog</a></li>
<li><a href="pages/about.html">About</a></li>
<li><a href="pages/research.html">Research</a></li>
<li style="padding-top:15px;">
  <input type="text" placeholder="search" style="border: 2px solid black;">
</li>
<li>
  <a><span id="cart-total"
>0</span></a>
</li>
<li>
  <a href="pages/login.html"></a>
</li>
</ul>
</nav>
<!------- End of navbar----->

<!-------Home section starts----->
<section class="home" id="home">
  <div class="home-display">
    <div class="box" style="background: url(assets/BonsaiFinal1.jpg)">
      <h2 style="color: green; font-family: cursive; font-size: 50px">
        Welcome to The Bonsai Shop,<br />
        Nepal's First Platform Fully<br />Dedicated for  selling Bonsai

```



```
</h2>

<button class="home-btn" style="margin-left: -400px; margin-top: 50px;">
<a href="pages/products.html" style="text-decoration: none;">Shop Now</a>
</button>
</div>
</div>
</section>
```

```
<!-------Why us section ----->
<div
class="inner-section"
style="background: url(assets/Why-us\ image.jpg)" >
<p style="font-size: 40px; font-size: 40px; color: white; font-family: cursive; padding:
10px; ">
    What do you get when you shop at The Bonsai Shop
</p>
```

```
<div class="section">
<h2 class="why-us">Largest Selection</h2>
<p>
    "We are the largest"<br />
    dedicated nursery of bonsai <br />
    trees in the Nepal
</p>
</div>
```

```
<div class="section">
  <h2 class="why-us">Best quality</h2>
  <p>
    Loving care means optimal<br />
    health and longevity for <br />
    your bonsai tree.
  </p>
</div>
```

```
<div class="section">
  <h2 class="why-us">Experinced Staff</h2>
  <p>
    Because we grow them<br />
    at our nursery, we are <br />
    extremely knowledgeable.
  </p>
</div>
```

```
<! -----Home section ends----->
```

```
<! -----CONTACT US----->
```

```
<div
  class="contact"
  style="background: url(assets/background\ contact.jpg)">
```

```
<h1 class="display-1"> Please Feel Free To<br /> Contact Us</h1>

<form onsubmit="return validateForm()" class="form-center">

  <input class="contact-us" type="text" id="name" name="name" placeholder="Your
Name"/> <br />

  <input class="contact-us" type="email" id="email" name="email" placeholder="Your
Email" />

  <br />

  <textarea id="message" name="message" placeholder="Message"></textarea>

  <br />

  <input class="contact-us" type="submit" value="Submit" />

</form>

</div>

<!-------CONATCT US ENDS----->

<!------- footer section starts ----->

<footer>

<div class="content">

  <div class="left box">

    <div class="upper">

      <div class="topic">About us</div>

      <p>Welcome to the brotherhood of bonsai ! The Bonsai Shop is a ecommerce
website for selling Bonsai.

      We are so happy to deliver high quality bonsai at your doorstep.. </p>

    </div>

    <div class="lower">

      <div class="topic">Contact us</div>

      <div class="phone">
```

```

    <a href="#">+977 9814942234</a>
</div>
<div class="email">
    
    <a href="https://mail.google.com/">dikshantachapagain888@gmail.com</a>
</div>
<div class="location">
    
    <a href="#">Kathmandu, Nepal</a>
</div>
</div>
</div>
<div class="middle box">
    <div class="topic">QUICK LINKS</div>
    <div><a href="/">Home</a></div>
    <div><a href="pages/products.html">Product</a></div>
    <div><a href="pages/blog.html">Blog</a></div>
    <div><a href="pages/research.html">Research</a></div>
    <div><a href="pages/about.html">About</a></div>
</div>
<div class="right box">
    <div class="topic">Subscribe us</div>

    <! -----Subscribe form----->
```

```
<input type="text" placeholder="Enter email address" />
<input type="submit" name="" value="Send" />
<div class="media-icons" style="display: flex; justify-content: space-around;">
  <a href="https://www.instagram.com/"></a>
  <a href="https://www.facebook.com/"></a>
  <a href="https://www.linkedin.com/"></a>
</div>
</div>
</div>
<div class="bottom">
  <p style="color: white;">
    Copyright © 2023 <a href="./index.html">The Bonsai Shop </a> All rights
reserved
  </p>
</div>
</footer>

<!-- footer section ends ----->
</body>
</html>
```

5.2 Product Page Code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Products</title>
    <link rel="stylesheet" href="../css/style.css" />
  </head>
  <body>

    <!--navbar ---->

    <nav>
      <div class="logo">
        
      </div>

      <ul class="nav-links">
        <li><a href="../index.html" class="link-active">Home</a></li>
        <li><a href="../pages/products.html " id="product-active">Product</a></li>
        <li><a href="../pages/blog.html">Blog</a></li>
        <li><a href="../pages/about.html">About</a></li>
        <li><a href="../pages/research.html">Research</a></li>
        <li style="padding-top: 15px;"> <input type="text" placeholder="search"
style="border: 2px solid black;"></li>
```

```
<li><a><span id="cart-total"
>0</span></a></li>
```

```
<li><a href="../pages/login.html"></a></li>
```

```
</ul>
```

```
</nav>
```

```
<!-- end of navbar-->
```

```
<!--Products section starts ----->
```

```
<section>
```

```
<p style="font-size: 35px; color:#3dbf3d ; padding-top: 40px; font-family:
math;">Bonsai for the first time? Go for the unique. You'll appreciate them
everyday.</p>
```

```
<div class="container">
```

```
<div class="card">
```

```

```

```
<h3>Banyan tree</h3>
```

```
<h6>Rs.1050</h6>
```

```
<button class="buy">Buy now</button>
```

```
<button class="cart" id="cart-add">Add to cart</button>
```

```
</div>
```

```
<div class="card">
```

```

```

```
<h3>Ficus Bonsai</h3>
```

```
<!-- ensp; allows us to enter two letter gap between the texts -->
```

```
<h6> <span style="color:
red;">discount</span>&ensp;<del>Rs.1500</del>&ensp;Rs.1250</h6>
```

```
<button class="buy">Buy now</button>
```

```
<button class="cart" id="cart-add">Add to cart</button>
</div>
<div class="card">
  
  <h3>Fukien tea</h3>
  <h6>Rs.1450</h6>
  <button class="buy">Buy now</button>
  <button class="cart" id="cart-add">Add to cart</button>
</div>
<div class="card">
  
  <h3>Ginseng Grafted Ficus</h3>
  <h6>Rs.1200</h6>
  <button class="buy">Buy now</button>
  <button class="cart" id="cart-add">Add to cart</button>
</div>
<div class="card">
  
  <h3>Golden cypress </h3>
  <h6>Rs.1800</h6>
  <button class="buy">Buy now</button>
  <button class="cart" id="cart-add">Add to cart</button>
</div>
<div class="card">
  
  <h3>Maple Bonsai </h3>
  <h6>Rs.1999</h6>
```



```
<button class="buy">Buy now</button>
<button class="cart" id="cart-add">Add to cart</button>
</div>
<div class="card">
  
  <h3>Satsuki </h3>
  <h6>Rs.950</h6>
  <button class="buy">Buy now</button>
  <button class="cart" id="cart-add">Add to cart</button>
</div>
<div class="card">
  
  <h3>Gardenia </h3>
  <h6><span style="color: red;">discount</span>
&ensp;<del>Rs.1250</del>&ensp;Rs.999</h6>
  <button class="buy">Buy now</button>
  <button class="cart" id="cart-add">Add to cart</button>
</div>
</div>
</section>
<!--Product section ends-->

<!--Footer section starts ----->
<footer>
  <div class="content">
    <div class="left box">
```

```
<div class="upper">
  <div class="topic">About us</div>
  <p>Welcome to the brotherhood of bonsai ! The Bonsai Shop is a ecommerce
website for selling Bonsai. We are so happy to deliver high quality bonsai at your
doorstep. </p>
</div>
<div class="lower">
  <div class="topic">Contact us</div>
  <div class="phone">
    
    <a href="#">+977 9814942234</a>
  </div>
  <div class="email">
    
    <a href="https://mail.google.com/">dikshantachapagain888@gmail.com</a>
  </div>
  <div class="location">
    
    <a href="#">Kathmandu ,Nepal</a>
  </div>
</div>
</div>
<div class="middle box">
  <div class="topic">QUICK LINKS</div>
  <div><a href="/">Home</a></div>
```

```
<div><a href="/pages/products.html">Product</a></div>
<div><a href="/pages/blog.html">Blog</a></div>
<div><a href="/pages/research.html">Research</a></div>
<div><a href="/pages/about.html">About</a></div>
</div>
<div class="right box">
  <div class="topic">Subscribe us</div>
  <!---Subscribe form----->
  <input type="text" placeholder="Enter email address" />
  <input type="submit" name="" value="Send" />
  <div class="media-icons" style="display: flex; justify-content: space-around;">
    <a href="https://www.instagram.com/"></a>
    <a href="https://www.facebook.com/"></a>
    <a href="https://www.linkedin.com/"></a>
  </div>
</div>
</div>
<div class="bottom">
  <p style="color: white;">
    Copyright © 2023 <a href=" ../index.html">The Bonsai Shop </a> All rights
reserved
  </p>
</div>
</footer>
```

```
<!-- footer section ends -->
</body>
<script src="../../js/main.js"></script>
</html>
```

5.3 Blog page

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Blogs</title>
    <link rel="stylesheet" href="../../css/style.css" />
    <style>

    /*The selector sets styles for the body element such as margin and padding.*/
    body{
      margin: 0px;
      padding: 0px;
      flex-wrap: wrap;
    }

    /*This selector sets styles for table header and table data cells, such as border, border-
    collapse, padding, and border-bottom.*/
    th, td {
      border: 2px;
      border-collapse: collapse;
```

```
padding: 20px;
border-bottom: 1px solid lightslategray;
border: 1px solid black;
}
/*This class sets styles for an element with a slider, such as width, height, border-radius,
box-shadow, and margins.*/
.slider{
width: 90%;
height: 450px;
border-radius: 10px;
overflow: hidden;
box-sizing: border-box;
box-shadow: 5px 5px 10px grey;
margin-bottom: 30px;
margin-left: 55.5px;
margin-top: 50px;
}
/*This classes set margins for different elements.*/
.impact{
margin-left: 50px;
margin-right: 50px;
}
.Introduction{
margin-left: 50px;
margin-right: 50px;
}
.Bonsai{
```

```
margin-left: 50px;
margin-right: 50px;
}
```

```
.Conclusion{
margin-left: 50px;
margin-right: 50px;
}
```

```
.content{
margin-left: 50px;
}
```

```
.Tech{
margin-left: 250px;
}
```

```
.slider-img {
height: 100%;
width: 100%;
object-fit: contain;
}
```

```
</style>
</head>
<body>
<!-- navbar ---->
<nav>
<div class="logo">

```

```

</div>
<ul class="nav-links">
  <li><a href="../index.html" class="link-active">Home</a></li>
  <li><a href="../pages/products.html">Product</a></li>
  <li><a href="../pages/blog.html" id="blog-active">Blog</a></li>
  <li><a href="../pages/about.html" >About</a></li>
  <li><a href="../pages/research.html">Research</a></li>
  <li style="padding-top: 15px;">
    <input type="text"placeholder="search"style="border: 2px solid black;">
  </li>
  <li>
    <a><span id="cart-total"
>0</span></a>
  </li>
  <li>
    <a href="../pages/login.html"
    ></a>
  </li>
</ul>
</nav>
<!-- end of navbar -->

<!--image slider start-->
<div class="slider">
  <!--slide image start-->
  <div id="slideimage">

```

```
<div class="Images">
  
</div>

<div class="Images2">
  
</div>

<div class="Images3">
  
</div>

<div class="Images4">
  
</div>
</div>

<!--slide image ends-->

<!--manual automatic slide-->

<script>

  // store the url of multiple images in array
  var images = ['../image/sliderimage1.jpg', '../image/sliderimage2.jpg',
'../image/sliderimage3.jpg', '../image/sliderimage4.jpg'];

  // change the image in each 3 seconds. 3000 means 3000 milliseconds
  var x = 0;

  var imgs = document.getElementById('slideimage');
  setInterval(slider, 3000);
```



```

function slider() {
  if (x < images.length)
  {
    x = x + 1;
  }
  else
  {
    x = 1;
  }

  imgs.innerHTML = ""
}
</script>
<!--end of manula automatic slide-->
<header>
<section>
<!--table of contents starts-->
<table class="content" style="width: 90%;">
  <tr>
    <th style="background-color: black; color: white;">Table of content</th>
  </tr>
  <tr>
    <td><a href="#introduction" style="color: black; text-decoration: none;">Introduction</a></td>
  </tr>
  <tr>

```

```
<td><a href="#impacts" style="color: black; text-decoration: none;">Postive and  
Negative impacts of technology</a></td> </tr>
```

```
<tr>
```

```
<td><a href="#bonsai" style="color: black; text-decoration: none;">Impact of  
technology while selling Bonsai plants</a></td>
```

```
</tr>
```

```
<tr>
```

```
<td><a href="#conclusion" style="color: black; text-decoration:  
none;">Conclusion</a></td>
```

```
</tr>
```

```
</table>
```

```
<!--table of content ends-->
```

```
<style>
```

```
section p {
```

```
font-size: 20px;
```

```
text-align: justify;
```

```
line-height: 1.5;
```

```
margin: 0px;
```

```
padding-left: 0px;
```

```
}
```

```
.image {
```

```
display: block;
```

```
margin-left: auto;
```

```
margin-right: auto;
```

```
width: 50%;
```

```
margin-bottom: 50px;
```

```
}
```

</style>

<!--Impacts of Technology in life and business starts-->

<h1 style="font-family:math; text-align: center; font-size: 46px; color: black;margin-top: 100px;">The Impact Of Technology In Life And Business</h1>

<!--Introduction on technology starts-->

<section id="introduction">

<div class="Introduction">

<h2 style="margin-top: 50px;">Introduction to Technology.</h2>

<p>Technology refers to the tools, devices, systems, and methods that are used to achieve practical goals. It can be divided into several categories, including information technology, transportation technology, energy technology, manufacturing technology, and biotechnology, among others. Some examples of technology include computers, the Internet, smartphones, renewable energy sources, and manufacturing processes such as 3D printing. Technology has had a major impact on many aspects of society and has changed the way we communicate, work, and live.

Technology is the continually developing result of accumulated knowledge and application in all techniques, skills, methods, and processes used in industrial production and scientific research. Technology is embedded in the operation of all machines, with or without detailed knowledge of their function, for the intended purpose of an organization.

The word Technology can also mean the product resulting from such efforts. Technological advancement gave led to significant changes in society. It has helped human society to discover may mythic building and extinct pre-historic animals like Dinosaurs, Woolly Mammoth and many more. Nowadays, people are trying to build robots which can help in improving the human society.

Humans have advanced to far more better technology that does not create pollution for example: electric vehicles that hepls in maintaining air pollution and uses electricity as its fuel.

</p>

</div>

</section>

<!--Introduction on technology ends-->

<!--Impacts of technology starts-->

<section id="impacts">

<div class="impact">

<h2 style="padding-top: 21px;">Positive and Negative impact of technology.</h2>

<li style="padding-top: 15px; font-weight: bold;" >Positive impact:

<ol style="padding-top: 15px;">

Increased efficiency: Technology can help organizations and enterprises get more done in less time by streamlining procedures, lowering errors, and increasing productivity.

Improved communication: No matter where they are, people can now connect and communicate with one another more easily because to technology.

Greater access to information: People now find it simpler to access a wealth of knowledge on almost any subject thanks to the Internet and other digital technology.

Enhanced education: Technology can be used in classrooms and online to give students access to educational resources and interactive learning opportunities.

Improved healthcare: With advancements like telemedicine, electronic health records, and medical devices boosting patient care and results, technology has completely changed the healthcare sector.

Increased safety: Security systems, car safety features, and emergency response technologies are just a few ways that technology can assist make life safer in various contexts.

Greater convenience: From online banking and shopping to the use of smart home devices, technology has improved many aspects of daily living.

Enhanced entertainment: Video games, streaming services, and virtual reality are just a few of the new forms of entertainment made possible by technology.

<li style="padding-top: 15px; font-weight: bold; font-family: math;">Negative impact:

<ol style="padding-top: 15px; font-family: math;">

Dependence: Some people could grow overly reliant on technology, which could cause issues if it breaks down or is unavailable.

Cybersecurity risks: The use of technology also increases the threat of cyberattacks and data breaches, which could expose private data and result in identity theft.

Privacy concerns: Technology can help improve the collection and use of personal data by businesses and organizations, which may give rise to privacy concerns.

Job displacement: Automation and artificial intelligence are two examples of technology that have the potential to replace human labour and cause job losses.

Health issues: Overusing technology, such as spending too much time on cellphones or spending too much time in front of a computer, can be detrimental to one's physical and emotional well-being.

Social isolation: Due to their excessive use of technology and lack of in-person connections, some people may experience social isolation.

Digital divide: Between individuals who have access to technology and those who do not, there is a "digital divide" that may lead to disparities in opportunities for work, education, and other factors.

Environmental impact: Through the usage of non-renewable resources and the creation of e-waste, the manufacture and use of technology can have a negative influence on the environment.


```
</ul>
</div>
</section>
<!--Impacts of technology ends-->

<!--Imapcts of technology while selling bonsai plants starts-->
<section id="bonsai">
  <div class="Bonsai">
    <h2 style="text-align:center; padding-top:20px; font-size:40px; font-family:
math;">Impact of technology while selling Bonsai plants</h2>
    <font size = +1>
      <p><b>Technology has had a significant impact on the way bonsai plants are sold
and marketed. Here are a few ways that technology has affected the bonsai
industry:</b></p>
      <ul style="padding-top:0px; font-family: math;">
        <li>Online sales: A considerably wider customer base is now accessible to bonsai
vendors thanks to the internet. Selling bonsai plants to customers around the world is
now simple thanks to online marketplaces and e-commerce platforms like Amazon and
Etsy.</li><br>
        <li>Social media marketing: For bonsai retailers, social media sites like Facebook,
Instagram, and Pinterest have developed into effective tools for showcasing their plants
and interacting with possible clients. In order to attract a larger audience, sellers might
use hashtags and publish images and videos of their bonsai plants.</li><br>
        <li>Online tutorials and resources: Resources and tutorials on how to care for
bonsai plants may be found on a wide variety of websites and YouTube channels. This
has probably improved the appeal of the activity and made it simpler for others to learn
about bonsai.</li><br>
        <li>More sophisticated techniques for Bonsai growing: Technology development has
made it simple for bonsai fans to access new techniques for cultivating bonsai.
Additionally, digital tools like AI or IoT can optimize or automate temperature
management, lighting, or watering, which is helpful for bonsai upkeep.</li><br>
```

Virtual tours or video calls: Virtual tours, video conversations, and other digital tools have grown in popularity among bonsai dealers as a result of the pandemic scenario because they give customers the impression that they are visiting a physical store and enable remote advice and on-demand support.

</div>

</section>

<!--Imapcts of technology while selling bonsai plants ends-->

<!--Conclusion starts-->

<section id="conclusion">

<div class="Conclusion">

<h2 style="font-size: 40px; text-align: center; font-family: math;">Conclusion</h2>

<p style="font-family: math;">In conclusion, Technology has had a profound impact on our daily lives and has changed the way we communicate, work, and live in general. It has brought numerous benefits such as increased access to information, improved efficiency, and greater connectivity. However, it also presents challenges such as privacy concerns, job displacement, and addictive behaviors. Overall, technology continues to shape the world and it is up to us to harness its benefits while mitigating its drawbacks

technology has significantly changed how bonsai plants are advertised and sold. In context of Bonsai plant, it is now simpler for bonsai vendors to interact with clients and reach a larger audience because of online sales, social media marketing, online courses and resources, virtual tours, and technological advancements. These developments have also made it simpler for individuals to learn about bonsai, which is probably why the pastime is becoming more and more well-liked. In addition, with the aid of technology, innovative methods for bonsai growing are now freely accessible to aficionados. It is obvious that technology has benefited the bonsai industry significantly and will probably do so in the future.</p>

</div>

```
</section>
<!--Conclusion ends-->
</main>
</section>
<!--Impacts of technology in life and business ends-->
</main>
<!-- footer section starts -->
<footer>
  <div class="content">
    <div class="left box">
      <div class="upper">
        <div class="topic">About us</div>
        <p>Welcome to the brotherhood of bonsai ! The Bonsai Shop is a ecommerce
website for selling Bonsai. We are so happy to deliver high quality bonsai at your
doorstep.</p>
      </div>
      <div class="lower">
        <div class="topic">Contact us</div>
        <div class="phone">
          
          <a href="#">+977 9814942234</a>
        </div>
        <div class="email">
          
          <a href="https://mail.google.com/">dikshantachapagain888@gmail.com</a>
        </div>
      </div>
    </div>
  </div>
</div>
```



```

    <div class="location">
        
        <a href="#">Kathmandu ,Nepal</a>
    </div>
</div>
</div>
<div class="middle box">
    <div class="topic">QUICK LINKS</div>
    <div><a href="/">Home</a></div>
    <div><a href="../../pages/products.html">Product</a></div>
    <div><a href="../../pages/blog.html">Blog</a></div>
    <div><a href="../../pages/research.html">Research</a></div>
    <div><a href="../../pages/about.html">About </a></div>
</div>
<div class="right box">
    <div class="topic">Subscribe us</div>
    <!-------Subscribe form----->
    <input type="text" placeholder="Enter email address" />
    <input type="submit" name="" value="Send" />
    <div class="media-icons" style="display: flex; justify-content: space-around;">
        <a href="https://www.instagram.com/"></a>
        <a href="https://www.facebook.com/"></a>
        <a href="https://www.linkedin.com/"></a>

```

```
</div>
</div>
</div>
<div class="bottom">
  <p style="color: white;">
    Copyright © 2023 <a href=" ../index.html">The Bonsai Shop </a> All rights reserved
  </p>
</div>
</footer>

<!-- footer section ends -->

</body>
</html>
```

5.4 About Page Code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>About</title>
    <link rel="stylesheet" href=" ../css/style.css"/>
    <style>
```

```
/*This class sets padding and font styles for an element with class "about-content".*/
```

```
.about-content {  
  padding-left: 170px;  
  padding-right: 170px;  
  padding-top: 35px;  
  font-family: math;  
  font-size: 20px;  
}
```

```
/*This class sets styles for a container element with images*/
```

```
.photo {  
  margin-top: -10px;  
  display: flex;  
  flex-wrap: wrap;  
  width: 100%;  
  justify-content: center;  
}
```

```
/*This class sets styles for each team member's element, such as display type,  
alignment, height, width, border-radius, and box-shadow*/
```

```
.photo .team-member {  
  display: flex;  
  flex-direction: column;  
  justify-content: space-evenly;  
  align-items: center;  
  height: 600px;  
  width: 400px;  
  border-radius: 20px;  
  box-shadow: rgba(0, 0, 0, 0.16) 0px 3px 6px, rgba(0, 0, 0, 0.23) 0px 3px 6px;
```

```
}

/*This class sets styles for images within the team member's element, such as width,
height, margin, and padding.*/
.photo .team-member img {
    width: auto;
    min-height: 400px;
    text-align: center;
    margin: 35px 0;
}

/*The h4 selector sets text-alignment for h4 headings.*/
h4 {
    text-align: center;
    margin: -34px;
}

/*This class sets styles for team member's element such as width, margin, cursor, and
padding.*/
.team-member img {
    width: 378px;
    height: 445px;
    margin: 35px 0;
    padding: 20px;
}

.team-member {
    width: 24%;
    margin: 78px;
    cursor: pointer;
```

```
padding-top: 5px;  
}
```

```
.about-content {  
  text-align: justify;  
  letter-spacing: 3px;  
}
```

```
/*This class sets styles for elements with class "see", such as text color and hover  
color.*/
```

```
.see{  
  color: black;  
}
```

```
.see:hover{  
  
  color: red;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<!-------navbar----- -->
```

```
<nav>
```

```
<div class="logo">
```

```

```

```
</div>
```

```
<ul class="nav-links">
```

```

<li><a href="../index.html" class="link-active">Home</a></li>
<li><a href="../pages/products.html">Product</a></li>
<li><a href="../pages/blog.html">Blog</a></li>
<li><a href="../pages/about.html" id="about-active">About</a></li>
<li><a href="../pages/research.html">Research</a></li>
<li style="padding-top: 15px;">
  <input type="text"placeholder="search"style="border: 2px solid black;">
</li>
<li>
  <a><span id="cart-total"
>0</span></a>
</li>
<li>
  <a href="../pages/login.html"></a>
</li>
</ul>
</nav>
<!------- End of navbar ----->

<!-------ABOUT US Section Starts----->
<section>
  <header style=" text-align: center; font-size: 30px;padding-top: 30px; padding-
bottom: 15px;font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;color:
green;">

```

ABOUT US

```
</header>
```

```
<div class="about-section" style="background: url(">
```

```
<p class="about-content" style="line-height: 30px;">
```

As the saying goes, “To plant garden is to believe in tomorrow”, we always dreamed of sharing this beautiful journey of growing and nurturing bonsai plants ensuring the sound mental health of an individual. It all started when we saw the attractive bonsai plants in the Japanese cartoons specifically ‘NINJA HATTORI’ in early ages. As we were eager to know about shaping beautiful shrub, we researched everything about it. We successfully established our company THE BONSAI PLANT on Jan 1, 2023 based in Kathmandu, Nepal and today we are shipping the grown bonsai plants at your doorstep along with the tool kit and manuals for the beginners. Welcome to the brotherhood of bonsai friends!

The common goal of founders of THE BONSAI SHOP was to make you know about the philosophy of life by growing bonsai plants. We Team 6 don't want any individual lose a chance to become creative, compassionate, and consistent as we chose to be one in very short span of time. It was hard but not impossible to gather skilled members who coordinated to bring this beautiful ideas and output to you all. From having no idea about how the websites were built to building this amazing e-commerce website,

The Bonsai plant having all the features was hard yet valuable journey to all the skilled folks .

```
</p>
```

```
</div>
```

```
<h2 style="padding-top: 55px; text-align: center;">
```

MEET OUR TEAM MEMBERS

```
</h2>
```

```
<div class="photo">
```

```
<div class="team-member">
```

```

```

```
<h4>Dikshanta chapagain</h4>
```

```
<p style="color: gray; margin-top: 10px;" >
  Group leader<br>

  <a class="see" href="../pages/Dikshantacv.html" style=" text-decoration: none; "
>See more</a>
</p>

</div>

<div class="team-member">
  
  <h4>Zenith Narsingh Shakya</h4>
  <p style="color: gray; margin-top: 10px;">
    Member<br>
    <a class="see" href="../pages/Zenithcv.html" style="text-decoration: none;">See
more</a>
  </p>
</div>

<div class="team-member">
  
  <h4>Shahisnuta Nhemhafuki</h4>
  <p style="color: gray; margin-top: 10px;">
    Member<br>
    <a class="see" href="../pages/Sahisnutacv.html" style=" text-decoration:
none;">See more</a>
  </p>
</div>
```



```
<div class="team-member">

  <h4>Saurav aryal</h4>

  <p style="color: gray; margin-top: 10px;">
    Member<br>
    <a class="see" href="../pages/Sauravcv.html" style="text-decoration:
none;">See more</a>
  </p>
</div>


<div class="team-member">

  <h4>Ankeet Regmi</h4>

  <p style="color: gray; margin-top: 10px;">
    Member<br>
    <a class="see" href="../pages/Ankitcv.html" style="text-decoration: none;">See
more</a>
  </p>
</div>

</div>

</section>

<!-------About us section ends----->


<!-- footer section starts -->

<footer>

  <div class="content">
```

```
<div class="left box">
  <div class="upper">
    <div class="topic">About us</div>
    <p>Welcometo the brotherhood of bonsai ! The Bonsai Shop is a ecommerce
website for selling Bonsai. We are so happy to deliver high quality bonsai at your
doorstep. </p>
  </div>
  <div class="lower">
    <div class="topic">Contact us</div>
    <div class="phone">
      
      <a href="#">+977 9814942234</a>
    </div>
    <div class="email">
      
      <a href="https://mail.google.com/">dikshantachapagain888@gmail.com</a>
    </div>
    <div class="location">
      
      <a href="#">Kathmandu ,Nepal</a>
    </div>
  </div>
</div>
<div class="middle box">
  <div class="topic">QUICK LINKS</div>
```

```

<div><a href="/">Home</a></div>
<div><a href="../pages/products.html">Product</a></div>
<div><a href="../pages/blog.html">Blog</a></div>
<div><a href="../pages/research.html">Research</a></div>
<div><a href="../pages/about.html">About</a></div>
</div>
<div class="right box">
  <div class="topic">Subscribe us</div>
  <!-------Subscribe form----->
  <input type="text" placeholder="Enter email address" />
  <input type="submit" name="" value="Send" />
  <div class="media-icons" style="display: flex; justify-content: space-around;">
    <a href="https://www.instagram.com/"></a>
    <a href="https://www.facebook.com/"></a>
    <a href="https://www.linkedin.com/"></a>
  </div>
</div>
</div>
<div class="bottom">
  <p style="color: white;">
    Copyright © 2023 <a href="../index.html">The Bonsai Shop </a> All rights
reserved
  </p>
</div>

```

```
</footer>
```

```
<!-- footer section ends -->
```

```
</body>
```

```
</html>
```

5.5 Research page

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8" />
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
<title>Research</title>
```

```
<link rel="stylesheet" href="../css/style.css" />
```

```
<style>
```

```
*{
```

```
margin: 0;
```

```
}
```

```
/*This classes sets styles such as height ,width, aign-items,flex-property,border-  
radius,padding, margin for the element*/
```

```
.container {
```

```
display: flex;
```

```
justify-content: space-between;
```

```
align-items: center;
height: 135px;
padding: 15px;
}
```

```
.left-side, .right-side {
width: 45%;
height: 490px;
text-align: center;
padding: 0 20px;
border: 5px solid black;
margin: 15px;
box-sizing: border-box;
}
```

```
.right-side img, .left-side img {
width:483px;
height:300px;
border-radius: 10px;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<!-------navbar----- -->
```

```
<nav>
```

```

<div class="logo">
  
</div>

<ul class="nav-links">
  <li><a href="../index.html" class="link-active">Home</a></li>
  <li><a href="../pages/products.html">Product</a></li>
  <li><a href="../pages/blog.html">Blog</a></li>
  <li><a href="../pages/about.html">About</a></li>
  <li><a href="../pages/research.html" id="research-active">Research</a></li>
  <li style="padding-top: 15px;"><input type="text" placeholder="search"
style="border: 2px solid black;"></li>
  <li><a></a><span id="cart-total"
>0</span></li>
  <li><a href="../pages/login.html"></a></li>
</ul>
</nav>

<!------- end of navbar----- -->

<section >
  <!-- put your research page code here -->

  <div class="container">

    <div class="left-side" >

      <h3>Reference Page of Login Page</h3>

```

<p>This is a photo of the reference page that was used in the research.

Facebook is a popular and most used social media on internet. It has gained lot of

users in short period of time. All web developers look up to the Facebook website to get

inspiration for the website development. Our team also referenced the design login

page of Facebook which simply consist of the form with fields for email and password

input.

</p>

</div>

<div class="right-side">

<h3> Login page</h3>

<p>This is the screenshot of final login page that we took reference form facebook login page.

As we referenced the login page of Facebook, we also designed a form with fields for

emails and password input. JavaScript is implemented for validating the used form. Pop

up features are implemented for maintaining the peculiarity.

</p>

</div>

```
<div class="left-side" style="margin-top:200px;">
```

```
<h3>Reference Page of Product Page</h3>
```

```

```

```
<p>This is a photo of the <a href="https://abanahomes.com/collections/bonsai-plants/?campaign=19615335793&content=646174387174&keyword=bonsai%20shop&gclid=CjwKCAiAuOieBhAlEiwAgjCvcjaZUsiwKDU6TZfktLrgjh0Qx_5jLLyq33p_gvilib2cdJl3bqBChoCeJUQAvD_BwE" style="color: rgb(139, 9, 9); text-decoration: none;">reference </a>page that was used in the research.
```

Product page of website is most crucial part of the e commerce website. Our team

referenced the design of Avana Homes product page. It used the direct approach by

```
displaying the products and also its price.</p>
```

```
</div>
```

```
<div class="right-side" style="margin-top:200px;">
```

```
<h3>Product page</h3>
```

```

```

```
<p>This is a photo of the final research section webpage that was created using HTML and CSS.
```

We maintained the peculiarity of products page by implementing the hover effects and

increment of no. in cart icon every time the 'add to cart' button is clicked. The height and

```
width of the card changes every time , any specific product is selected.
```

```
</p>
```


</div>

<div class="left-side" style="height:300px; width: 45%;">

<h3>Reference Page of Footer</h3>

<p>This is a photo of the reference page that was used in the research.

Footer section of 'Bonsai Haat' comprises of the subscription's icon, quick links and

other contents too. It helps in the navigation of different webpages and also provide

short description about what the website is all about .

</p>

</div>

<div class="right-side" style="height:300px; width: 45%;">

<h3>Footer</h3>

<p>This is a photo of the final research section webpage that was created using HTML and CSS.

Peculiarity of the footer section of our website is maintained by adding quick links,

contact information and using the external links in the icons of social media which

redirects the users to the official website of social medias like Instagram, Facebook and

Linkedin.

</p>

</div>

<div class="left-side" >

<h3>Reference Page of Contact form</h3>

<p>This is a photo of the reference page that was used in the research.

Our team referenced contact us section from Language Academy. It comprises of the

form with fields like phone number, name , emails and message inputs. It does have the

functioning submission button.</p>

</div>

<div class="right-side" >

<h3>Contact form</h3>

<p>This is a photo of the final research section webpage that was created using HTML and CSS.

Contact us section of our home page includes attractive background image and form

which has different fields to fill like email and message. The forms functions quite well

as functional JavaScript is used which shows the pop feature with suitable message if

conditions are fulfilled.

</p>

</div>

```
<div class="left-side" >
```

```
<h3>Reference Page of Home Page</h3>
```

```

```

```
<p>This is a photo of the <a href="https://urbano.in/" style="color: rgb(139, 9, 9); text-decoration: none;"> reference</a> page that was used in the research.
```

```
The landing page for any website is the home page so it must have the attractive
```

```
designs. Considering that, we got inspired from the home page of Urbano.in. The
```

```
webpage constituents the attractive navigation bar and also the relatable images.</p>
```

```
</div>
```

```
<div class="right-side" >
```

```
<h3>Home page</h3>
```

```

```

```
<p>This is a photo of the final research section webpage that was created using HTML and CSS.
```

```
The peculiarity of the home page is maintained by making changes in the navigation
```

```
using the internal links and hover effects. Attractive background image along with button
```

```
“Shop Now” which redirects the users to the product page of website is another direct
```

```
and important approach used.
```

```
</p>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
</body>
```

```
</html>
```

5.6 Style. CSS (Navbar, Home, Product, Footer)

/ contains common styles for all pages */*

```
* {  
  font-family: "Poppins", sans-serif;  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
}
```

```
section {  
  margin-top: 150px;  
}
```

/-----navbar-----*/*

| | |
|------------------------|----------|
| Dikshanta chapagain | 22067057 |
| Zenith Narsingh Shakya | 22067056 |
| Saurav Aryal | 22067023 |
| Shahisnuta Nhemhafuki | 22066993 |
| Ankit Regmi | 22067019 |

```
nav {  
  width: 100%;  
  background-color: rgb(157, 235, 174);  
  display: flex;  
  justify-content: space-evenly;  
  align-items: center;  
  position: sticky;  
  top: 0;  
  z-index: 9999;  
  height: 118px;  
  box-sizing: border-box;  
}
```

```
nav .logo {  
  flex: 0.4;  
  
  margin-top: 20px;  
}
```

```
nav .logo img {  
  width: 100%;  
  height: 100px;  
  object-fit: contain;  
}
```

```
ul li img {  
  height: 25px;
```

```
width: 29px;  
}
```

```
nav ul {  
  flex: 0.6;  
  display: flex;  
  justify-content: space-evenly;  
  list-style: none;  
  align-items: center;  
  flex-wrap: wrap;  
}
```

```
nav ul li a {  
  font-family: math;  
  text-decoration: none;  
  color: black;  
  font-size: 20px;  
  padding: 15px;  
}
```

```
input {  
  height: 30px;  
  width: 180px;  
}
```

```
nav ul li a: hover {  
  background-color: green;
```

```
}
```

```
#index-active{  
  color: #34ad54;  
  text-decoration: underline;  
}
```

```
#product-active{  
  color: #34ad54;  
  text-decoration: underline;  
}
```

```
#blog-active{  
  color: #34ad54;  
  text-decoration: underline;  
}
```

```
#research-active{  
  color: #34ad54;  
  text-decoration: underline;  
}
```

```
#about-active{  
  color: #34ad54;  
  text-decoration: underline;  
}
```

```
/*-----HOME-----*/
```

```
.home .home-display .box {
```

```
  /*The !important rule in CSS is used to add more importance to a property/value than normal.
```

```
  if you use the !important rule, it will override ALL previous styling rules for that specific property on that element!*/
```

```
    background-size: cover !important;
```

```
    background-position: center !important;
```

```
    height: 65rem;
```

```
    position: relative;
```

```
}
```

```
.box {
```

```
  padding-top: 65px;
```

```
  padding-left: 100px;
```

```
}
```

```
.home-btn {
```

```
  background-color: #34ad54;
```

```
  text-decoration: none;
```

```
  list-style: none;
```

```
  width: 20%;
```

```
  border: none;
```

```
  align-items: left;
```



```
}  
/*--Why us Section-----*/  
.inner-section {  
    padding: 0px;  
}  
.section {  
    display: inline-block;  
    border: 2px solid #44ff00;  
    margin: 49px;  
    padding: 10px;  
    background-color: white;  
    box-shadow: 2px 2px 5px black;  
    width: 300px;  
    text-align: center;  
    margin-right: 154px;  
}  
  
.why-us {  
    color: green;  
    text-align: center;  
}  
  
p {  
    color: black;  
    font-size: 18px;  
    text-align: center;  
    padding: 10px;
```

```
}
```

```
/*-----CONTACT US-----*/
```

```
.contact {
```

```
padding: 10px;
```

```
}
```

```
.display-1 {
```

```
font-weight: 700;
```

```
line-height: 1.2;
```

```
text-align: center;
```

```
color: white;
```

```
font-family: cursive;
```

```
}
```

```
.form-center {
```

```
display: flex;
```

```
justify-content: center;
```

```
align-items: center;
```

```
height: 57vh;
```

```
}
```

```
form {
```

```
display: flex;
```

```
flex-direction: column;
```

```
}
```

```
input.contact-us[type="text"],
```

```
input.contactus[type="email"],
```

```
textarea {  
  width: 100%;  
  margin-bottom: 20px;  
}
```

```
form {  
  background-color: #34ad54 !important;  
  color: white;  
  width: 30%;  
  padding: 39px;  
  padding-bottom: 0px;  
  border-radius: 10px;  
  box-shadow: 0px 0px 20px #888888;  
  margin: 0 auto;  
}
```

```
label {  
  font-weight: bold;  
  display: block;  
  margin-bottom: 10px;  
}
```

```
input[type="text"],  
input[type="email"],  
textarea {  
  width: 100%;  
  padding: 20px 24px;
```

```
margin-bottom: 20px;
box-sizing: border-box;
border: 2px solid #ccc;
border-radius: 4px;
background-color: #f8f8f8;
font-size: 16px;
}
```

```
input[type="submit"] {
  width: 19%;
  background-color: orange;
  color: white;
  padding: 8px 6px;
  margin-top: 20px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}
```

```
input[type="submit"]:hover {
  background-color: #45a049;
}
```

```
/*-----Product css-----*/
```

```
section {
  margin: 0rem;
```

```
}  
h1 {  
  padding-left: 20px;  
}  
h3 {  
  text-align: center;  
  margin: 9px;  
}  
h6 {  
  font-size: 20px;  
  text-align: center;  
  color: black;  
  margin: 0;  
}  
.container {  
  margin-top: 1rem;  
  display: flex;  
  flex-wrap: wrap;  
  width: 100%;  
  justify-content: center;  
}  
.container .card img {  
  width: 200px;  
  height: 200px;  
  text-align: center;  
  margin: 35px 0;  
}
```

```
.card {  
  width: 20%;  
  margin: 35px;  
  box-sizing: border-box;  
  text-align: center;  
  border: 2px solid rgb(186, 179, 179);  
  border-radius: 20px;  
  cursor: pointer;  
  padding-top: 5px;  
  box-shadow: 0 14px 28px rgba(0, 0, 0, 0.25), 0 10px 10px rgba(0, 0, 0, 0.22);  
  transition: 0.5s;  
}  
  
.card:hover {  
  background-color: rgb(135, 246, 123);  
  height: 420px;  
  width: 300px;  
}  
  
button {  
  text-align: center;  
  font-size: 15px;  
  font-weight: bold;  
  color: white;  
  background-color: black;  
  width: 40%;  
  padding: 11px;  
  cursor: pointer;  
  margin: 10px;
```

```
border-radius: 20px;
border-bottom-right-radius: 18px;
border-bottom-left-radius: 18px;
}
```

```
.buy:hover {
  background-color: rgb(225, 239, 225);
  color: black;
}
```

```
.cart:hover {
  background-color: rgb(225, 239, 225);
  color: black;
}
```

/*This is a CSS media query that applies a specific style only when the width of the viewport is less than or equal to 1100 pixels. The style defined inside the media query targets the elements with class "card" and sets their width to 45%. This means that on smaller screens, the width of the elements with class "card" will be reduced to 45% of the viewport width. Media queries are used to make responsive designs that adjust to different screen sizes and devices,

so that the same website can have different styles depending on the viewport size.*/

```
@media (max-width: 1100px) {
  .card {
    width: 45%;
  }
}
```

```
/*-----Footer-----*/
```

```
/*This style is used to set height ,width margin padding and flex property for the element.*/
```

```
footer {  
    width: 100%;  
    bottom: 0;  
    left: 0;  
    background: #111;  
}  
footer .content {  
    max-width: 1350px;  
    margin: auto;  
    padding: 20px;  
    display: flex;  
    flex-wrap: wrap;  
    justify-content: space-between;  
}  
footer .content p,  
a {  
    color: #fff;  
}
```



```
footer .content .box {  
    width: 33%;  
    transition: all 0.4s ease;/*This is CSS code that sets a transition effect on all properties  
of an element.*/  
}  
footer .content .topic {  
    font-size: 22px;  
    font-weight: 600;  
    color: #fff;  
    margin-bottom: 16px;  
}  
footer .content p {  
    text-align: justify;  
}  
footer .content .lower .topic {  
    margin: 24px 0 5px 0;  
}  
  
footer .content .middle {  
    padding-left: 180px;  
}  
footer .content .middle a {  
    line-height: 32px;  
}  
footer .content .right input[type="text"] {  
    height: 45px;  
    width: 100%;
```

```
outline: none;
color: #d9d9d9;
background: #000;
border-radius: 5px;
padding-left: 10px;
font-size: 17px;
border: 2px solid #222222;
}
footer .content .right input[type="submit"] {
height: 42px;
width: 100%;
font-size: 18px;
color: #d9d9d9;
background: #eb2f06;
outline: none;
border-radius: 5px;
letter-spacing: 1px;
cursor: pointer;
margin-top: 12px;
border: 2px solid #eb2f06;
transition: all 0.3s ease-in-out;/*This is CSS code that sets a transition effect on all
properties of an element.*/
}
.content .right input[type="submit"]:hover {
background: none;
color: #eb2f06;/*When the mouse cursor is hover in the element it changes its color*/
}
```

```
footer .content .media-icons a {  
    font-size: 16px;  
    height: 45px;  
    width: 45px;  
    display: inline-block;  
    text-align: center;  
    margin: 13px 11px 0 0;  
}
```

```
footer .bottom {  
    width: 100%;  
    text-align: right;  
    color: #d9d9d9;  
    padding: 0 40px 5px 0;  
}
```

```
footer .bottom a {  
    color: #eb2f06;/*When the mouse cursor is hover in the element it changes its color*/  
}
```

```
footer a {  
    transition: all 0.3s ease;  
}
```

```
footer a:hover {  
    color: #eb2f06;/*When the mouse cursor is hover in the element it changes its color*/  
}
```

5.7 Login Page Code

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8" />
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
<title>Document</title>
```

```
<style>
```

```
/* contains common styles for all pages */
```

```
* {
```

```
font-family: "Poppins", sans-serif;
```

```
margin: 0;
```

```
padding: 0;
```

```
box-sizing: border-box;
```

```
}
```

```
/*It sets style, margin for the element */
```

```
section {
```

```
margin-top: 150px;
```

```
}
```

```
/*It sets the height and width of an element with class "container", sets the flex property, and justify the content to center*/
```

```
.container {
```

```
height: 100vh;
```

```
width: 100%;
```

```
display: flex;
justify-content: center;
align-items: center;
justify-content: space-evenly;
}
```

/*It sets the height,width ,border,flex property,padding and other styles to the element*/

```
.login-box {
height: 600px;
width: 450px;
border: 1px solid gray;
border-radius: 10px;
display: flex;
flex-direction: column;
align-items: center;
padding: 40px;
}
```

```
.login-box h1 {
margin-bottom: 50px;
}
```

```
input,
input[type="text"] {
height: 50px;
width: 100%;
outline: none;
margin-top: 15px;
```

```
font-size: 1.4rem;  
}
```

/*Its gives styles to the button such as adding margin,padding,height,width etc*/

```
button {  
  margin-top: 20px;  
  width: 80%;  
  border: none;  
  outline: none;  
  height: 50px;  
  background-color: green;  
  cursor: pointer;  
  font-size: 1.4rem;  
  border-radius: 5px;  
  color: white;  
}
```

```
.login-box p {  
  margin-top: 30px;  
}
```

```
.status {  
  margin-top: 20px;  
  color: green;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<div class="img">
  
</div>
<div class="login-box">
  <h1>Login</h1>
  <input type="text" placeholder="Enter your email" id="email" />
  <input type="password" placeholder="Enter your password" id="password"/>
  <button id="login-btn">Login</button>
  <p>Not registered yet ? <a href="#">Register here</a></p>
  <h3 class="status" id="status"></h3>
</div>
</div>
</body>
<script src="../../js/validateLogin.js"></script>
</html>
```

5.8 Javascript Contact Form code

```
function validateForm() {  
    // selecting the fields from html  
    var name = document.getElementById("name").value;  
    var email = document.getElementById("email").value;  
    var message = document.getElementById("message").value;  
  
    // check if the values are not null  
    if (name == "" || email == "" || message == "") {  
  
        // give alert if fields are empty  
        alert("Name, Email and Message must be filled out");  
        return false;  
    }  
  
    // display success message if form submitted  
    alert("Form submitted successfully!");  
    return true;  
  
}
```


5.9 JavaScript Product Code

```
// this code increments the value in the cart if user clicks in the cart

// select the html elements
const addBtns = document.querySelectorAll("#cart-add");
const cartTotal = document.getElementById("cart-total")

// addBtns variables holds array of all the cart buttons . there are multiple buttons so we
// need to loop through each
addBtns.forEach((btn) => {

    // on each button set event listener that fires a function when button is clicked. the
    // callback function increments the value of cart
    btn.addEventListener("click", function () {
        cartTotal.innerText = +cartTotal.innerText + 1;
    });
});
```

5.10 JavaScript Login Code

```
// validate login

const email = document.getElementById("email")
const password = document.getElementById("password")
const loginBtn = document.getElementById("login-btn")
const statusDiv = document.getElementById("status")

// run callback function after login button is clicked
```

```
loginBtn.addEventListener("click", () => {  
  
    // check if email and password is not empty  
    if(!email.value || !password.value) {  
        return alert("All fields are required .")  
    }  
  
    // check length of password  
    if(password.value.length < 6) {  
        return alert("Password must be at least 6 characters long.")  
    }  
  
    // start logging in  
    statusDiv.innerText = "Logging in ...."  
  
    // redirect to home page after 3 seconds  
    setTimeout(() => {  
        window.location.assign("/")  
    }, 3000)  
  
})
```

5.8 Code of Portfolio 1

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
<style>
  body {
    background-color: #F0F0F0;
    font-family: math;
  }

  .header {
    display: flex;
    align-items: center;
    margin-bottom: 40px;
    background-color: #4CAF50;
    color: #FFFFFF;
    padding: 20px;
    border-radius: 10px;
  }
```

```
.profile-pic {  
  border-radius: 50%;  
  width: 150px;  
  height: 150px;  
  margin-right: 20px;  
  border: 5px solid #FFFFFF;  
}
```

```
.section {  
  margin-bottom: 40px;  
  background-color: #FFFFFF;  
  padding: 20px;  
  border-radius: 10px;  
}
```

```
h1,  
h2{  
  margin: 0;  
  font-weight: normal;  
  color: #4CAF50;  
}
```

```
p {  
  margin: 0;  
  font-size: 16px;  
  color: #333;  
}
```

```
ul {  
  
    padding: 0;  
}  
  
li {  
    margin-bottom: 20px;  
}  
  
</style>  
  
</head>  
<body>  
    <div class="container">  
        <div class="header">  
              
            <h1 style="color: black; font-family: math;" >Dikshanta chapagain</h1>  
  
        </div>  
  
        <div class="section">  
            <h2>Profile</h2>  
  
            <p >I am Tech and cyber enthusiast and also Cyber security student.I consider  
myself a responsible and orderly person. Always looking for the opportunity to  
sharpen the knowledge. Also trying to be the better version of myself.
```

</p>

</div>

<div class="section">

<h2>Education Qualification</h2>

<h3 style="font-weight:normal;">+2 Science , CAPITAL COLLEGE AND
RESEARCH CENTER (2020-2022)</h3>

<h3 style="font-weight: normal;">Networking and IT security , ISLINGTON
COLLEGE</h3>

</div>

<div class="section">

<h2>Languages</h2>

Nepali

English

<!-- Add more languages here -->

</div>

```
<div class="section">  
  <h2>Computer Skills</h2>  
  <ul>  
    <li>HTML, CSS, JavaScript</li>  
    <li>JAVA</li>  
    <li>DATABASE</li>  
    <li>Basics Linux</li>  
  
    <!-- Add more computer skills here -->  
  </ul>  
</div>
```

```
<div class="section">  
  <h2>Volunteer Experience</h2>  
  <ul>  
    <li>  
      <h3>CCRC IT CLUB,</h3>  
      <p><b>Working as Cheif Strategic head</b> </p>  
      <p>Helped in organizing it related programs like; Women in STEAM, Future in  
IT, Pathway to IT carrier, Cyber security awareness through online sessions,  
coding challanges,googling competition, photo and vediography  
competitions,gaming tournament and so on.</p>  
    </li>  
  
  </ul>  
</div>  
  
<div class="section">
```

```
<h2>Contact Me</h2>
<ul>
  <li>
    <h3>Email:</h3> <a href="https://mail.google.com/mail/u/0/#inbox"
style="text-decoration: none; color: black;">dikshantachapagain888@gmail.com</a>
  </li>
  <li>
    <h3>Phone:</h3> (+977) 9814942234
  </li>
  <li>
    <h3>Address:</h3> Naya Thimi,Bhaktapur,Nepal
  </li>
</ul>
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

5.9 Code of Portfolio 2

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

Dikshanta chapagain
Zenith Narsingh Shakya
Saurav Aryal
Shahisnuta Nhemhafuki
Ankit Regmi

22067057
22067056
22067023
22066993
22067019


```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<style>
  body {
    background-color: #F0F0F0;
    font-family: math;
  }

  .header {
    display: flex;
    align-items: center;
    margin-bottom: 40px;
    background-color: #4CAF50;
    color: #FFFFFF;
    padding: 20px;
    border-radius: 10px;
  }

  .profile-pic {
    border-radius: 50%;
    width: 150px;
    height: 150px;
    margin-right: 20px;
    border: 5px solid #FFFFFF;
  }

  .section {
```

```
margin-bottom: 40px;
background-color: #FFFFFF;
padding: 20px;
border-radius: 10px;
}
```

```
h1,
h2{
margin: 0;
font-weight: normal;
color: #4CAF50;
}
```

```
p {
margin: 0;
font-size: 16px;
color: #333;
}
```

```
ul {

padding: 0;
}
```

```
li {
margin-bottom: 20px;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
  <div class="container">
```

```
    <div class="header">
```

```
      
```

```
      <h1 style="color: black; font-family: math;" >Zenith Narsingh Shakya</h1>
```

```
    </div>
```

```
  <div class="section">
```

```
    <h2>Profile</h2>
```

```
    <p >I am Tech enthusiast and also IT security student. Always ready to learn new  
things related to IT.
```

```
    </p>
```

```
  </div>
```

```
  <div class="section">
```

```
    <h2>Education Qualification</h2>
```

```
    <ul>
```

```
      <li>
```

```
        <h3 style="font-weight:normal;">+2 Management , D.A.V COLLEGE (2020-  
2022)</h3>
```

```
      </li>
```

```
      <li>
```

<h3 style="font-weight: normal;">Networking and IT security , ISLINGTON
COLLEGE</h3>

</div>

<div class="section">

<h2>Languages</h2>

Nepali

English

</div>

<div class="section">

<h2>Computer Skills</h2>

HTML, CSS, JavaScript

JAVA

DATABSE

Networking

<!-- Add more computer skills here -->

</div>

```
<div class="section">
  <h2>Volunteer Experience</h2>
  <ul>
    <li>
      <h3>Social club</h3>
      <p><b>Working as executive member</b> </p>
      <p>Helped in organizing different programs in the clubs like blood donation
campaign, money collection for the needy and so on.</p>
    </li>

  </ul>
</div>

<div class="section">
  <h2>Contact Me</h2>
  <ul>
    <li>
      <h3>Email:</h3> <a href="https://mail.google.com/mail/u/0/#inbox"
style="text-decoration: none; color: black;">shakyazenith5@gmail.com</a>
    </li>
    <li>
      <h3>Phone:</h3> (+977) 9844285038
    </li>
    <li>
      <h3>Address:</h3> Tutepani,Lalitpur,Nepal
    </li>
  </ul>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

5.10 Code of portfolio 3

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Document</title>
```

```
<style>
```

```
  body {
```

```
    background-color: #F0F0F0;
```

```
    font-family: math;
```

```
  }
```

```
.header {
```

```
  display: flex;
```

```
  align-items: center;
```

```
  margin-bottom: 40px;
```

```
background-color: #4CAF50;
color: #FFFFFF;
padding: 20px;
border-radius: 10px;
}
```

```
.profile-pic {
border-radius: 50%;
width: 150px;
height: 150px;
margin-right: 20px;
border: 5px solid #FFFFFF;
}
```

```
.section {
margin-bottom: 40px;
background-color: #FFFFFF;
padding: 20px;
border-radius: 10px;
}
```

```
h1,
h2{
margin: 0;
font-weight: normal;
color: #4CAF50;
}
```

```
p {  
  margin: 0;  
  font-size: 16px;  
  color: #333;  
}
```

```
ul {  
  
  padding: 0;  
}
```

```
li {  
  margin-bottom: 20px;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
  <div class="container">
```

```
    <div class="header">
```

```
      
```

```
      <h1 style="color: black; font-family: math;" >Shahisnuta Nhemhafuki</h1>
```

```
    </div>
```



```
<div class="section">
```

```
<h2>Profile</h2>
```

```
<p >
```

I am a young energetic girl of 19 years with strong interpersonal skill and team work abilities. I have a proactive attitude and find positive ways to

stimulate and engage with people. I have a great communication skill and I am looking for an opportunity to improve and sharpen my

mind.

```
</p>
```

```
</div>
```

```
<div class="section">
```

```
<h2>Education Qualification</h2>
```

```
<ul>
```

```
<li>
```

<h3 style="font-weight:normal;">+2 Science , DAV COLLEGE (2020-2022)</h3>

```
</li>
```

```
<li>
```

<h3 style="font-weight: normal;">Networking and IT security , ISLINGTON COLLEGE</h3>

```
</li>
```

```
</ul>
```

```
</div>
```

```
<div class="section">
```

```
<h2>Languages</h2>
```

```
<ul>
  <li>Nepali </li>
  <li>Native English</li>
```

```
</ul>
```

```
</div>
```

```
<div class="section">
```

```
  <h2>Computer Skills</h2>
```

```
  <ul>
```

```
    <li>WEB Development</li>
```

```
    <li>Slide Presentation</li>
```

```
  </ul>
```

```
</div>
```

```
<div class="section">
```

```
  <h2>Volunteer Experience</h2>
```

```
  <ul>
```

```
    <li>
```

```
      <h3>SCOUT</h3>
```

```
      <p><b>AFFORESTATION PROGRAMME</b></p>
```

```
      <p> Led the scout troop to plant trees on Lakuri Vanjyang</p>
```

```
      <p><b>BLOOD DONATION PROGRAMME</b></p>
```

```
      <p>Led the scout troop to organise the blood
```

```
        donation program for the locals at
        Basantapur..</p>
    </li>

</ul>
</div>
<div class="section">
    <h2>Contact Me</h2>
    <ul>
        <li>
            <h3>Email:</h3> <a href="https://mail.google.com/mail/u/0/#inbox"
style="text-decoration: none; color: black;">shaihisnuta.nhemafuki9@gmail.com</a>
        </li>
        <li>
            <h3>Phone:</h3> (+977) 9745617449
        </li>
        <li>
            <h3>Address:</h3> Bhainsepati,Lalitpur
        </li>
    </ul>
</div>

</div>

</body>
</html>
```

5.11 Code of Portfolio 4

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
<style>
  body {
    background-color: #F0F0F0;
    font-family: math;
  }

  .header {
    display: flex;
    align-items: center;
    margin-bottom: 40px;
    background-color: #4CAF50;
    color: #FFFFFF;
    padding: 20px;
    border-radius: 10px;
  }
```

```
.profile-pic {  
  border-radius: 50%;  
  width: 150px;  
  height: 150px;  
  margin-right: 20px;  
  border: 5px solid #FFFFFF;  
}
```

```
.section {  
  margin-bottom: 40px;  
  background-color: #FFFFFF;  
  padding: 20px;  
  border-radius: 10px;  
}
```

```
h1,  
h2{  
  margin: 0;  
  font-weight: normal;  
  color: #4CAF50;  
}
```

```
p {  
  margin: 0;  
  font-size: 16px;  
  color: #333;
```

```
}

ul {

    padding: 0;
}

li {
    margin-bottom: 20px;
}

</style>

</head>
<body>
    <div class="container">
        <div class="header">
            
            <h1 style="color: black; font-family: math;" >Saurav Aryal</h1>

        </div>

        <div class="section">
            <h2>Profile</h2>
            <p > IT student. I consider myself a responsible person.I am looking forward for
my first work experience.

            </p>
```

</div>

<div class="section">

<h2>Education Qualification</h2>

<h3 style="font-weight:normal;">+2 Science , New Summit COLLEGE (2019-2021)</h3>

<h3 style="font-weight: normal;">Networking and IT security , ISLINGTON COLLEGE</h3>

</div>

<div class="section">

<h2>Languages</h2>

Nepali

English

Hindi

</div>

```
<div class="section">
  <h2>Computer Skills</h2>
  <ul>
    <li>HTML</li>
    <li>CSS</li>
    <li>JavaScript</li>
    <li>JAVA</li>
  </ul>
</div>
```

```
<div class="section">
  <h2>Volunteer Experience</h2>
  <ul>
    <li>
      <h3>Redcross</h3>
      <p>For social service and education </p>
    </li>
  </ul>
</div>
```

```
<div class="section">
  <h2>Contact Me</h2>
  <ul>
    <li>
      <h3>Email:</h3> <a href="https://mail.google.com/mail/u/0/#inbox"
style="text-decoration: none; color: black;">sauravaryal684@gmail.com</a>
    </li>
  </ul>
</div>
```



```
</li>
<li>
  <h3>Phone:</h3> (+977) 9814483652
</li>
<li>
  <h3>Address:</h3> Maharajgunj,Kathmandu,Nepal
</li>
</ul>
</div>

</div>

</body>
</html>
```

5.12 Code of Portfolio 5

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
<style>
```

```
body {  
  background-color: #F0F0F0;  
  font-family: math;  
}
```

```
.header {  
  display: flex;  
  align-items: center;  
  margin-bottom: 40px;  
  background-color: #4CAF50;  
  color: #FFFFFF;  
  padding: 20px;  
  border-radius: 10px;  
}
```

```
.profile-pic {  
  border-radius: 50%;  
  width: 150px;  
  height: 150px;  
  margin-right: 20px;  
  border: 5px solid #FFFFFF;  
}
```

```
.section {  
  margin-bottom: 40px;  
  background-color: #FFFFFF;  
  padding: 20px;
```

```
border-radius: 10px;  
}
```

```
h1,  
h2{  
margin: 0;  
font-weight: normal;  
color: #4CAF50;  
}
```

```
p {  
margin: 0;  
font-size: 16px;  
color: #333;  
}
```

```
ul {  
  
padding: 0;  
}  
  
li {  
margin-bottom: 20px;  
}
```

```
</style>
```

```
</head>
<body>
  <div class="container">
    <div class="header">
      
      <h1 style="color: black; font-family: math;" >ANKEET REGMI</h1>
    </div>

    <div class="section">
      <h2>Profile</h2>
      <p >
        I am an enthusiastic, selfmotivated, reliable, responsibleand hard working
        person. I am amotivated, reliable, responsible
        and hard working person. I am a mature team worker and adaptable to all
        challenging situations.I am able to wor well both in team environment as well as using
        own initiative. I am able to work well under pressure and adhere to strict deadlines.
      </p>
    </div>

    <div class="section">
      <h2>Education Qualification</h2>
      <ul>
        <li>
          <h3 style="font-weight:normal;">+2 Management , SOUTHWESTERN STATE
          COLLEGE (2019-2021)</h3>
        </li>
        <li>
```

<h3 style="font-weight: normal;">Networking and IT security , ISLINGTON
COLLEGE</h3>

</div>

<div class="section">

<h2>Languages</h2>

Native Nepali

English

Hindi

</div>

<div class="section">

<h2> Skills</h2>

PHOTOGRAPHEY

CINEMATOGRAPHY

COLORIST

HTML

CSS

JAVA

</div>

<div class="section">

<h2>Volunteer Experience</h2>

<h3>WEB DEVELOPER</h3>

<p>Participation in web developing in college</p>

</div>

<div class="section">

<h2>Contact Me</h2>

<h3>Email:</h3> onkeetreg@gmail.com

<h3>Phone:</h3> (+977) 9867482436

<h3>Address:</h3> Sokedhara,Kathmandu

</div>

</div>

</body>

</html>

