



Informatics Institute of Technology Department of Computing

BSc(Hons) Artificial Intelligence and Data Science

Module: CM1605 Web Technology

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Group Coursework Report

Tutorial Group: Group A

Coursework group No: No.8

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1.INTRODUCTION

Topic

The topic we chose is the e-commerce website. The name of the website is 'buyAnything.com' which provides the hottest trends of customers' favorite brands. We as the website developers have made sure to satisfy customers' needs by providing the finest quality of products. We strive to make the user experience as pleasant as possible and ensure that our website is accessible to everyone.

Roles of Group a members

- 1. Vishmi Hearth Student 2 role
- 2. Sandushke De Alwis Student 1 role
- 3. Sankeetha Elancheliyan Student 3 role
- 4. Sandev Dias Student 4 role

Features of buyAnything.com

Presentation Page

Main Page

Gallery Page

Product Page

Javascript Quiz

AboutUs Page

Login Page

SignUp Page

2.RESEARCH ON EXISTING SYSTEMS

Nowadays there are plenty of e-commerce websites which provide goods and services to fulfill customer satisfaction. eBay, Amazon, AliExpress can be a few examples for those e-commerce websites.

eBay

eBay is an e-commerce cooperation which facilitates consumer to consumer sales through its website. eBay's aim is to entice more users to bid by enacting laws such as lowering cost of products and providing appropriate incentives and discounts to their clients. It maintains the "trust" between the consumer and seller as the key to the success of the marketplace.

Features of eBay Website

- Social buttons on listings
- The shopping cart
- eBay advanced search
- Products and reviews via the eBay catalog
- The eBay wish list
- Favorites
- Report items

AliExpress

AliExpress is an online retail service owned by Alibaba group in China. AliExpress is frequently compared to eBay because sellers are self-employed and can utilize the platform to sell; it is also compared to Amazon, but the distinction between the two is that AliExpress is primarily an ecommerce platform that does not sell products directly to customers.

Features of AliExpress Website

- Products are available to individual consumers
- No minimum order quantity
- Buyer protection
- Express shipping from one week to two months
- Buyer protection
- Automatic translation to 28 languages

Features of Amazon

- Shoppable collection images
- Stores scheduling
- New links to stores
- How to keep track of your performance insights
- Videos

Overall the usefulness of having these features

By looking at all of these features of each and every group mentioned above, the basic purpose of e-commerce websites is to reach as many customers as possible at the correct time in order to improve sales and profitability. E-commerce encompasses the purchasing and selling of things as well as the transmission of payments or data through the internet.

3. TECHNICAL DISCUSSION

STUDENT 01 – Sandushke De Alwis

Gallery Page

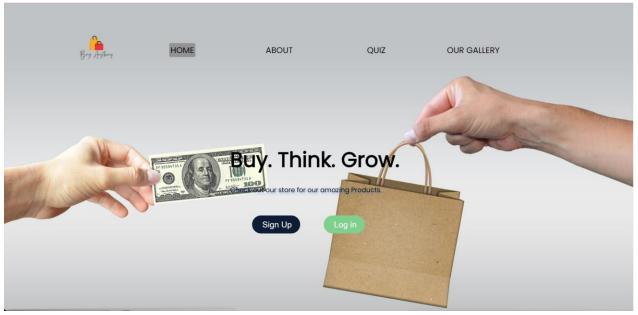
According to the given requirements of the coursework specification in the presentation page, after 4 seconds I had to let the presentation page switch to the main page. This transition should happen automatically without clicking any link. Therefore, I used javascript 'DOMCONTENTLOADED' which is an event in javascript and an event which moves to the specified page after a given certain time in seconds.

Below is the code snippet for the javascript

```
document.addEventListener("DOMContentLoaded", () =>{
    setTimeout(() => {
        this.location.href =
    "file:///C:/Users/ADMIN/OneDrive/Desktop/CM1605%20Web%20Technology%20Cours
ework/Student2/mainpage.html";
    },5900);
```

}) </script>





Moving on next to the login form, I've used javascript validation to check whether the user has filled out all the correct details in the given field boxes. When doing the phone number validation I gave the maximum number as ten which means the user can enter only ten number of digits. And once the user types more than ten digits it won't fill in the field.

And talking about the password field, I have used javascript IF else statements to see whether the input password and the confirm password is the same. Incase if it is not the same javascript

will prompt a message saying "Check your password is correct". Below is the code for the scenario.

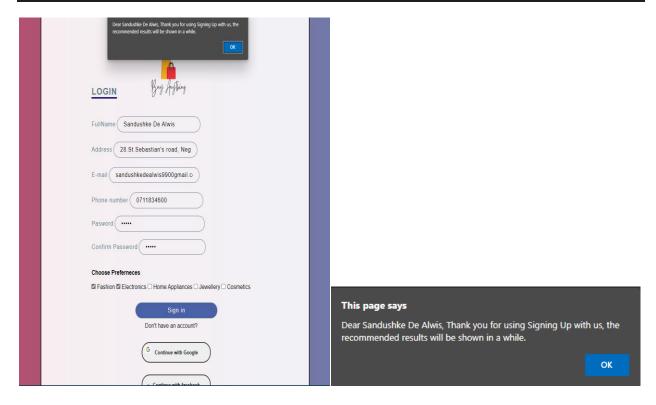
```
//Check whether the Password box is empty

if (password == confirmpassword) {
    return true;
}else{
    document.getElementById("namelocation-5").innerHTML = "Your password doesn't match";
    return false;
}
```

And at last I have used javascript IF else statements again to see whether the user has filled all the fill out boxes in the login form. If it is yes then after choosing the user preferences and signing up it will prompt a message as below.

```
if(Full_Name != '' && Address != '' && Email != '' && Phone_Number !='')
{
```

```
if (Phone_Number.length == 10) {
    if(password == confirmpassword) {
        alert("Dear " + Full_Name + ", Thank you for using Signing
Up with us, the recommended results will be shown in a while.");
        return true;
    }
}
}else{
    alert("You may need to fill the details")
};
```



Explaining how images hover in the gallery page, for that I have used javascript onmouseover event. So briefly explaining how that works, once the mouse is moved towards the image it zooms to the image size which I have provided in the javascript file. And once again if you move the cursor away from the image it normalizes according to the size i gave at first.

Here is the javascript function I used to look at the thumbnail much bigger once the mouse is moved towards it.

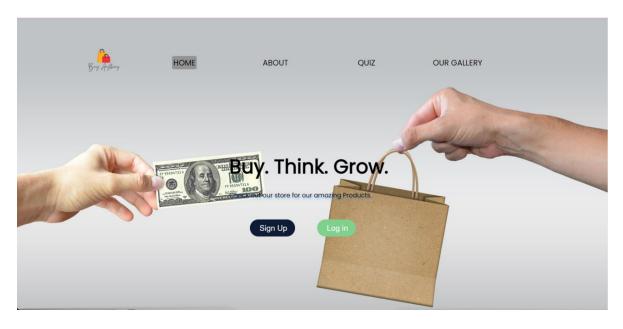
```
function largeText(x) {
    x.style.height = "390px";
    x.style.width = "290px";
}

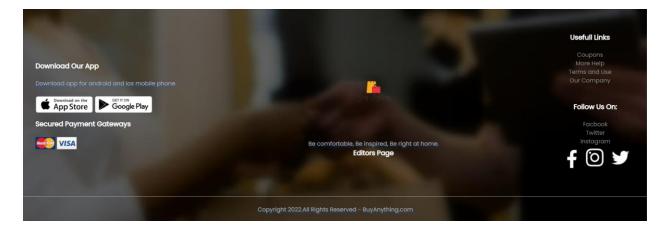
function normalText(x) {
    x.style.height = "360px";
    x.style.width = "270px";
}
```

STUDENT 02 – Vishmi Hearth

Main Page-

For the design development of the main page,I overlooked some other e-commerce sites available and a common defect I came across in each website was that the Main Page seemed a bit complex.So i wanted to design the main page with a minimalistic theme so that the user will not get confused.At the bottom of the page i have included a footer.





Navigation Bar-

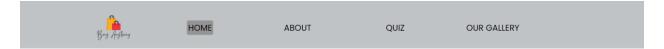
I designed a horizontal navigation bar as majority users are familiar with it. And without using a separate color(as many websites have), I have used a background picture to make it look better. I have put an image of the logo in the left corner and customized its dimensions using css.

```
<div class="navbar">
   <div class="logo">
       <img src="logo.png" alt="" class="navbarlogo" />
   </div>
   <div class="navigationbar">
       <div class="box">
           <a class="active" href="#">Home</a>
       </div>
       <div class="box">
           <a href="#">About</a>
       </div>
       <div class="box">
           <a onclick="Quiz()" href="#">Quiz</a>
       </div>
       <div class="box">
           <a href="#">Our Gallery</a>
       </div>
   </div>
(/div>
```

When the mouse is hovered over one of the links,the background- color of that area of the bar changes to gray.



'Home' already has a bit darker background color as it is already in the home page.



Comment Form-

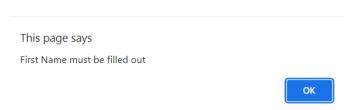
A form similar to homepage was created.

```
<form name="Form" onsubmit="return validateForm()" method="POST">
   <div class="form">
      First Name : <input class="name" type="text" name="FName" placeholder="Ariana">
       Last Name : <input class="name" type="text" name="LName" placeholder="Grande">
       Email :         <input class="email" type="email" name="Email"
      placeholder="arianagrande@hotmail.com"><br></br>
      Comments : <br></br><textarea name="comment">...</textarea><br>></br>
       Rate our website:<br></br>
       <select name="rate" placeholder="..">
          <option value="Execellent">Excellent</option>
          <option value="Good">Good</option>
          <option value="Average">Average</option>
          <option value="Bad">Bad</option>
        </select><br></br>
       <input class="button" type="submit" placeholder="Submit" method="POST">
       <input class="secondbutton" type="reset" placeholder="Clear">
(/form>
```

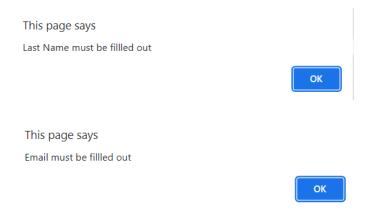
I have used javascript for validation check as we were asked to.

```
function validateForm() {
    let x = document.forms["Form"]["FName"].value;
    if (x == "") {
        alert("First Name must be filled out");
        return false;
    }
```

An alert message will pop up as shown below.



I have used validation checks for each and every input of the user. (Comment section is optional.)



After the user is done filling the form,

This page says

Dear vishmi Thank you very much for your feedback. You have rated our site as Good and your comment was Easy to use.



Quiz-

We were asked to use JavaScript prompt box for the quiz, using radio button to gather the user's input. Javascript was used to check the user inputs and mark them.

```
function Quiz() {
   let total = 0;
   let ans1 = prompt("What is the currency of Denmark?");
   if (ans1.toLowerCase() == "danish krone") {
      alert("Correct Answer! You received 2 points.")
       total = total + 1;
   } else {
       alert("Wrong Answer! Reduced 1 point.")
       total = total - 1;
   let ans2 = prompt("Which country in the world is believed to have the most miles of motorway?");
   if (ans2.toLowerCase() == "china") {
      alert("Correct Answer! You received 2 points.")
      total = total + 1;
   } else {
       alert("Wrong Answer! Reduced 1 point.")
       total = total - 1;
   let ans3 = prompt("Which European city hosted the 1936 Summer Olympics?");
   if (ans3.toLowerCase() == "berlin") {
       alert("Correct Answer! You received 2 points.")
       total = total + 1;
   } else {
      alert("Wrong Answer! Reduced 1 point.")
      total = total - 1;
   let ans4 = prompt("What is the capital city of Australia?");
   if (ans4.toLowerCase() == "canberra") {
      alert("Correct Answer! You received 2 points.")
       total = total + 1;
   } else {
       alert("Wrong Answer! Reduced 1 point.")
       total = total - 1;
   let ans5 = prompt("How many notes are there in a musical scale?");
   if (ans5.toLowerCase() == "7" || "seven") {
       alert("Correct Answer! You received 2 points.")
```

I created the javascript part separately and linked it with the navigation bar.

Displayed as:

This page says
What is the currency of Denmark?

OK Cancel

If it's a correct answer,



If it's a wrong answer,

This page says
Wrong Answer! Reduced 1 point.

OK

Depending on the user's score, they are awarded a badge, of which they are informed through are alert.

```
} else {
    alert("Wrong Answer! Reduced 1 point.")
    total = total - 1;
}
let badge = "";
if (total >= 6) {
    badge = "Gold";
}
if (total >= 3) {
    badge = "Silver";
}
if (total >= 1) {
    badge = "Bronze";
}
if (total <= 0) {
    badge = "no";
}
alert("Congratulation! You have earned " + total + " points in total with " + badge + " badge.");
alert(" with " + badge + " badge.");</pre>
```

This page says

Congratulation! You have earned 1 points in total with Bronze badge.

OK

STUDENT 03 – Sankeetha Elancheliyan

Buy Products Page

I chose student 3 and did the buy products page which contains the products that will be sold on the website. I divided it into categories such as a hardcoded for you products section- to show that we personalize according to user inputs which were given in the sign-up form, Men's Clothing-to target that specific group of people, and, Sale section- to drive customers. And I added a default empty cart (under all the products) which can be customized afterward. I also added a form to collect details. And I have given two button options namely, place order and purchase. Place order validates and ensures that any of the fields are not left blank and gathers the data for shipping and delivery purposes.

Purchase lets the user buy the products, which generates a pop-up summary of the purchase made. I did not include payment gateways but ideally, it has to be linked with the payment page.

The main objectives of creating a buy products page are to-

1. Enable customers to select products he/she wishes to buy from a range of products and add it to the cart.

Code HTML

\$35

Code explanation-

Here, to make it easier the whole products are categorized and put it into section tags. All items coming under shop-items division have a division named shop-item.

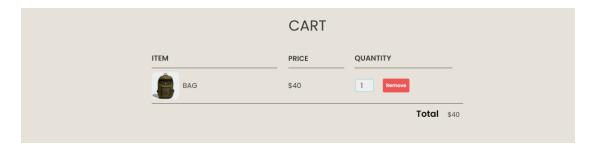
When add to cart button clicked the item name, price, and the default quantity are loaded. Also the cart total is updated by calling updateCart Total() function.

Code

```
function addToCartClicked(event) {
    var button = event.target
    var shopItem = button.parentElement.parentElement
    var title = shopItem.getElementsByClassName('shop-item-title')[0].innerText
    var price = shopItem.getElementsByClassName('shop-item-price')[0].innerText
    var imageSrc = shopItem.getElementsByClassName('shop-item-image')[0].src
    addItemToCart(title, price, imageSrc)
    updateCartTotal()
}
```

```
function updateCartTotal() {
```

```
let cartItemContainer = document.getElementsByClassName('cart-
items')[0]
    let cartRows =
vfdcsxazcartItemContainer.getElementsByClassName('cart-row')
    let total = 0
    for (let i = 0; i < cartRows.length; i++) {</pre>
        let cartRow = cartRows[i]
        let priceElement = cartRow.getElementsByClassName('cart-
price')[0]
        let quantityElement = cartRow.getElementsByClassName('cart-
quantity-input')[0]
        let price = parseFloat(priceElement.innerText.replace('$',
''))
        let quantity = quantityElement.value
        total = total + (price * quantity)
    total = Math.round(total * 100) / 100
    document.getElementsByClassName('cart-total-price')[0].innerText
 '$' + total
```



- 2. Enable the customer to customize the cart- removing a selected product, changing the quantity, and finding the total bill.
- 3. Validating the Order form in order to ensure that details are collected to deliver the products.

Code-

```
let e = document.getElementById('email').value;
                    let m = document.getElementById('tpno').value;
                    let a = document.getElementById('address').value;
|| m == '' || m == null || a == '' || a == null ){
continue!');
                        if (f) {
                            document.guerySelector('.name-
                            document.querySelector('.mnum-
                        if (e) {
                            document.querySelector('.email-
span').textContent = e;
                        if (a) {
                            document.querySelector('.address-
```

Code explanation-

Here, it checks whether name, email, telephone number, and address are null. If any of them are null it returns false and displays a pop-up message. If all of them contain some value inside, it stores them inside appropriate variables.

Code output

This page says

Please fill all the fields to continue!



Generating a summary of the purchase.
 Code-

```
function summary(){
    let f = document.getElementById('name').value;
    console.log(f)
    let summary = "";

    let list = document.getElementsByClassName('cart-price');
    let list1 = document.getElementsByClassName('cart-item cart-column ');

    let grandTotal = document.getElementById("grand-total").textContent;

    for (let i = 1; i <= document.getElementsByClassName("cart-row").length-1; i++){
        summary += (list1.item(i).textContent).trim() + " at a cost of " + (list.item(i).textContent) + ", ";
    }
    alert("Dear " + f + ",\n" + "you have ordered " + summary + " with a Grand total of " + grandTotal + ".\nThank You.");
}</pre>
```

```
function purchaseClicked() {
    let cartItems = document.getElementsByClassName('cart-items')[0]

    updateCartTotal()
    summary()
}
```

Code explanation-

A function called summary is defined where we are generating the summary which must be rendered in the browser.

Here, the product names, prices, and total are saved in a variable.

A for loop is used to loop and concatenate the summary.

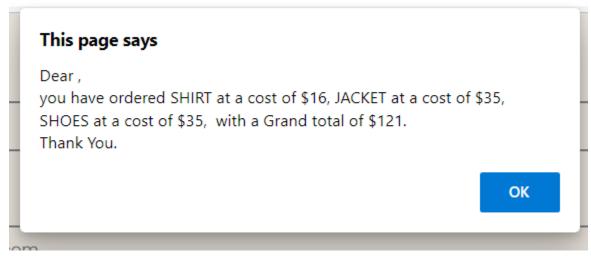
It is looped exactly for the number of items in the cart.

and the index is accessed using the 'item(i)' method. And it is made as a text using the 'textContent()' method.

After concatenation, alert() statement is used to display a pop-up message.

This function is called inside purchaseClicked(). Therefore, when purchase button is clicked the pop-up summary will be displayed

Output



5. Enabling the user to increase and decrease font size of the buy products page.

Code

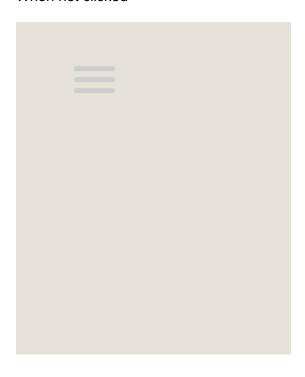
Code explanation-

Here, I have written a function changeFontSize(n) which has a parameter n. Inside the function, we change the font size of the element which has the id "para". when n is passed to the function it'll change the font size.

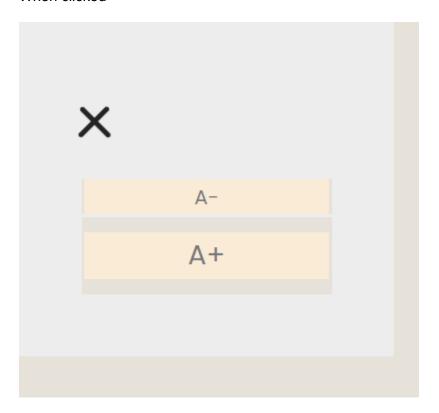
Inside the hamburger menu, I have included two divisions containing A+ and A-. The default font size of the element which has the "para" is 20px. When A+ is clicked (the function is called by onclick) the font size is increased to 25px and when A- is clicked the font size is decreased to 15px.

Hamburger menu

When not clicked



When clicked



Default font size

Shop products

Welcome to our online Store buyanything.com! Find what you want here and get it delivered to your home with just a click...

A-

Shop products

Welcome to our online Store buyanything.com! Find what you want here and get it delivered to your home with just a click...

A+

Shop products

Welcome to our online Store buyanything.com! Find what you want here and get it delivered to your home with just a click...

About us page

In the about us page I have put all our team members in a row grid using css styling.

```
.team{
  margin-top: 120px;
  display: grid;
  grid-template-columns: 1fr 1fr 1fr;
  justify-content: center;
  width: auto;
  text-align: center;
  flex-wrap: wrap;
}
```

Hover effect

Code

```
.member_img:hover .details {
  visibility: visible;
  opacity: 1;
}
```

```
figure:hover img {
    -webkit-filter: grayscale(50%) blur(4px);
    filter: grayscale(50%) blur(4px);
}
.team .team_member .member_img img{
    width: 200px;
    height: 200px;
    padding: 5px;
}
```

Output

When hovered - grayscale blur effect and student number and student name appears.



When not hovered



STUDENT 04 – Sandev Dias

By using the xml file below created in the notepad, i was able to create an I website with a list of items.10 items were displayed in the website with their mentioned prices.this below shown code explains how i created the website.I divided the items in to an list of 10 by using li and a heading using h1 i created the name of the website.

```
<?xml version="1.0" encoding="utf-8"?>
     <?xml-stylesheet type="text/css" href="style.css" ?>
3
    ⊟<website>
4
       <h1>BuyAnything.com</h1>
5
       <menu>
6
          nvidia gtx 1060 -powerful gaming gpu at a price $460
7
          <1i5>intel xeon x50 -workstation cpu price-$480
8
          <1i2>ASUS monitor -$320
9
          <1i3>SAMSUNG M32 -$280</1i3>
10
          4>Sharp 40 inch TV-$210
          6>vivo m3- $320
11
12
          17>Sharp 40inch TV -$360
13
          118>POCO m3 phone -$210
14
          <1i9>MSI g5 gaming laptop -$960
          1110>dell q6 mouse -$30
15
16
17
        </menu>
18
    L</website>
19
```

By using the below style.css file which i connected to the xml file by using the below command;

<?xml-stylesheet type="text/css" href="style.css" ?>

I was able to change the colours in the website by using the external style sheet which is shown below

```
background-color:purple;
 5
 6
     hl
    □{
         background-color:blue;
         color:red;
10
         font-size: 100px;
11
12
     li
13
14
   □{
15
         display:block;
16
         background:green;
17
         font-size: 30px;
18
         text-align:center;
19
20
21
     115
23
         display:block;
24
         background:green;
25
          text-align:center;
26
          font-size: 30px;
     L}
27
28
    112
    □{
29
30
         display:block;
          background:green;
32
          text-align:center;
33
         font-size: 30px;
34
35
    113
    ₽{
36
         display:block;
38
         background:green;
39
          text-align:center;
40
          font-size: 30px;
    L
41
42
   114
43
    □{
         display:block;
44
45
         background:green;
46
          text-align:center;
47
          font-size: 30px;
48
49
     li6
    □{
50
         display:block;
52
         background:green;
53
          text-align:center;
54
          font-size: 30px;
     L
55
56
     1i7
57
    ₽{
```

Activation form was also created with the name and e-mail address with a submit button

```
</form>
38
39
              </div>
40
          </body>
41
              <script>
42
                  function validateForm() { {
43
                          alert("Name must be filled out");
44
45
                      let y = document.forms["myform"]["emailAddress"].value;
                      if (y == "") {
46
                          alert("E-mail must be filled out");
47
48
                          return false;
49
50
51
52
              </script>
53
54
     L</html>
```

By using the above validation it made sure that the name and email address must be filled.

If the name email address is not filled it gives an error message saying that it must be filled out.

The below image shows the file how i created the name, email address and submit button

```
20
21
         <div class="form-header">
22
             <h3>Activation form</h3>
             </div>
23
24
             <div class="form">
                <form name="myform" onsubmit="validateForm()" method="POST" >
25
26
                 <div class="data">
27
                 Name
             <input class = "name" type="text" name="name">
28
29
                 </div>
30
                  <div class="data">
31
                  Email
32
                  <input type="text" name="emailAddress">
33
                  </div>
34
                 <div class="submit">
35
36
                  <button type="submit" onclick = "validateForm()">Submit/button>
37
38
                </form>
39
             </div>
40
         </body>
41
```

The drop down menu was also created by the below code. When you click the item button the items will appear div tags were also used to create this.

```
<body>
   <div class="container">
       <button class="click">items</putton>
       <div class="list">
           <button class="links">cpu</button>
           <button class="links">gpu</button>
           <button class="links">monitor</button>
           <button class="links">keyboard</button>
           <button class="links">mouse</button>
        </div>
   </div>
   <script>
       let click = document.querySelector('.click');
       let list = document.querySelector('.list');
       click.addEventListener("click",()=>{
           list.classList.toggle('newlist');
```

Once again it was created by using an external style sheet and with the div tags which are shown in the below image

4.DISCUSSION OF UX/UI PRINCIPLES/ APPLICATION/JUSTIFICATION

4.1 NAVIGATION TECHNIQUES

Navigation techniques allow the user to gain a better User experience and, when designed according to user preferences the interface would look both appealing and functional.

How we structured the navigation bar-

For any website navigation techniques are important as it helps the user to figure out more about the website. We used a horizontal menu since it is simple to understand.

The overhead bar has all of the primary features for users (i.e. Home, Bout,quiz.our gallery), as well as the website's logo on the opposite end. We have used a background image instead of using a separate color for the navigation bar to make it more attractive.



Code (html):

```
<body>
   <div class="mainheader">
       <div class="maincontainer">
           <div class="navbar">
               <div class="logo">
                   <img src="logo.png" alt="" class="navbarlogo" />
                </div>
                <div class="navigationbar">
                   <div class="box">
                        <a class="active" href="#">Home</a>
                    </div>
                    <div class="box">
                        <a href="#">About</a>
                    </div>
                    <div class="box">
                        <a onclick="Quiz()" href="#">Quiz</a>
                    </div>
                   <div class="box">
                        <a href="#">Our Gallery</a>
                    </div>
               </div>
           </div>
```

Code (css): (Code is too long to include)

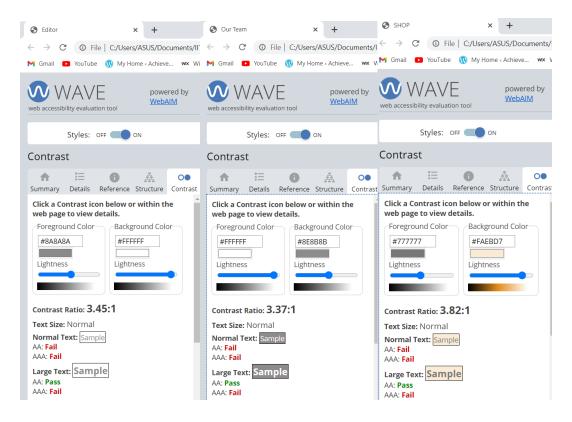
4.2 COLOR BALANCE/SELECTION/CONSISTENCY

Our pages are designed considering the minimalist theme which appeals to a lot of users. Our design looks simple and sleek which gives a good feel.

The images we used and the logo we created looked good on our website. We used basic colors which gave a peaceful vibe to our users. The sense of peace and calm is brought out through the color combinations.

4.3 COLOR CONTRAST TEST

Editor page, Team page, Products page



4.4 TYPOGRAPHY/CONSISTENCY

sans-serif was chosen as our standard font family. The reason for this is that it is web-safe, which means it is supported by a wide range of major browsers and makes text very readable. Arial is a highly neutral and legible typeface, which makes it a better contender than most fonts for our main goal of reaching a wider audience rather than focusing on specific segregation.

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

Font weights were also used to provide subtle modifications that accent certain material as needed.

On the page below, for example: The user's attention is brought to the "buynaything.com" which is the name of the website. This method allows us to design visual guides to help users consume content in a specific order.



CSS code for the above image

```
em{
  font-weight: 200;
}
```

In our web pages, we also adjusted the font heights to depict a hierarchy.

Subtopics are substantially smaller in comparison to the main topics. Below is an illustration.



HTML code for above image

Below is the CSS coding for the above image

```
.section-header {
    font-family: 'Poppins', sans-serif;
    font-weight: normal;
    color: #333;
    text-align: center;
    font-size: 2.5em;
}
.shop-item-title {
    display: block;
```

```
width: 100%;

text-align: center;

font-weight: bold;

font-size: 1.5em;

color: #333;

margin-bottom: 15px;
}
```

4.5 ACCESSIBILITY

Accessibility techniques

Buy anything e-commerce site uses accessibility to ensure that people with different disabilities can access our website to get the most out of it.

To create a better user experience, we implemented accessibility tools(ie. aria).

Text Accessibility Techniques

To increase the ease of navigation, especially for screen reader users, we used heading levels. The heading levels help the search engines to understand how the site is organized.

For the users to track the text easily, we gave enough space between lines.

Image Accessibility Techniques

we used "alt" to give alternate text whenever the image is not available. Also, it gives a better experience to screen reader users.

```
<img class="shop-item-image" src="product_Images/product5.jpg"
alt="sunglasses">
```

```
<img class="shop-item-image" src="product_Images/product8.jpg"
alt="shoes">
```

```
<img class="shop-item-image" src="product_Images/product1.jpg" alt="t-
shirt">
```

Form Accessibility Techniques

To give a better experience to screen reader users, we used labels as well. This allows them to know which label is associated with which label.

Aria-Labels and Aria-Roles

we used ARIA to increase user experience for all including those differently-abled.

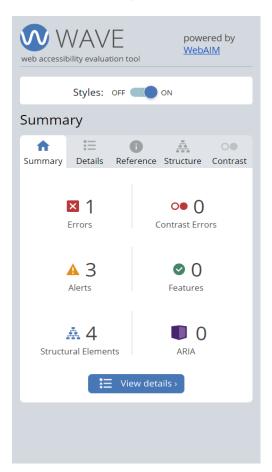
```
<nav role="navigation" aria-label="secondary">
```

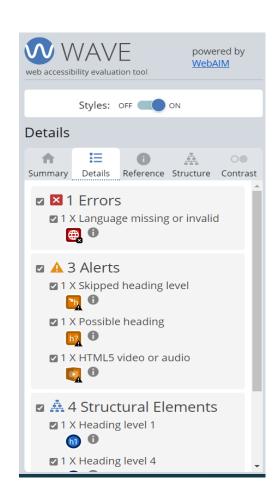

<button class="btn btn-primary btn-purchase" type="button" aria-label="purchase"
onclick="return formValidation()" >PURCHASE</button>

<input class="munm-span" type="tel" id="tpno" name="tpno" placeholder="+940785469871" aria-label="your number">

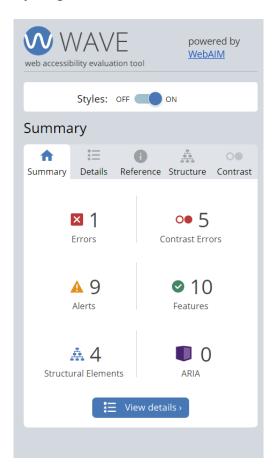
4.6 Accessibility test using WAVE

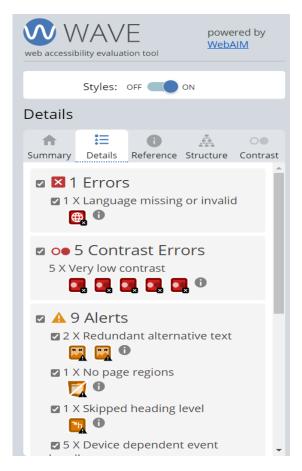
Presentation Page-



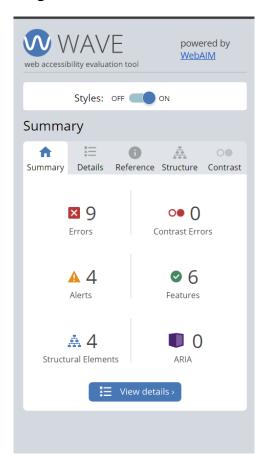


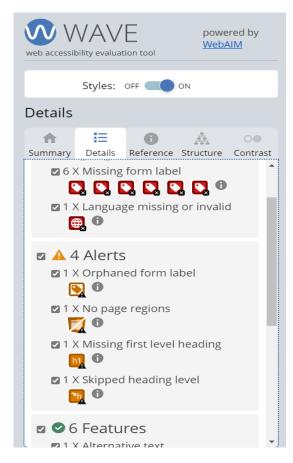
Gallery Page -



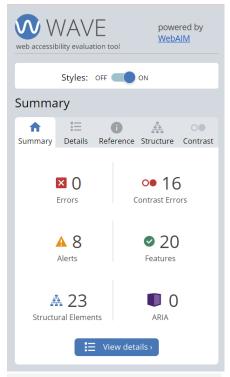


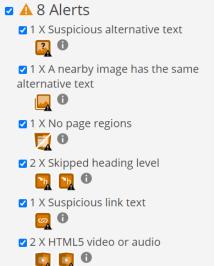
Login Page -

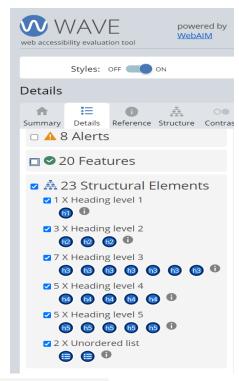


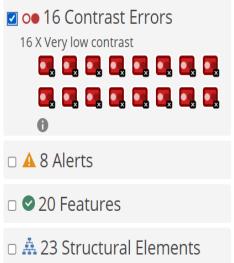


Main Page -

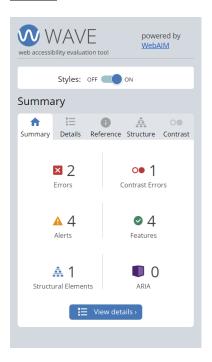


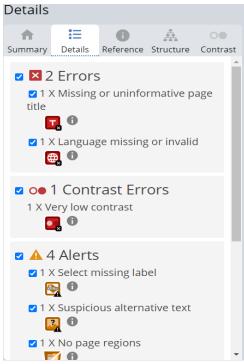


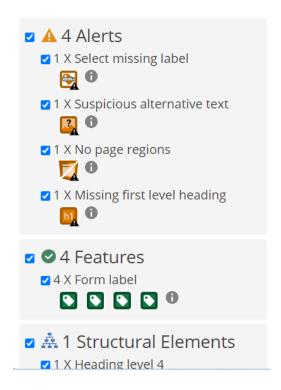




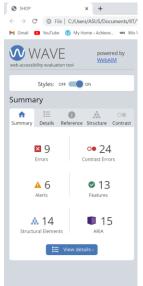
Form-

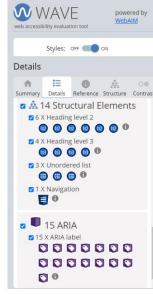


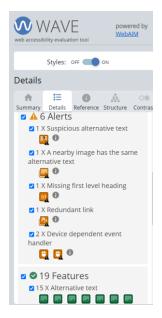


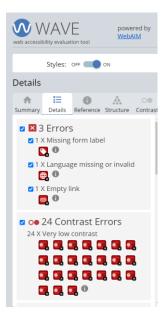


Buy products Page

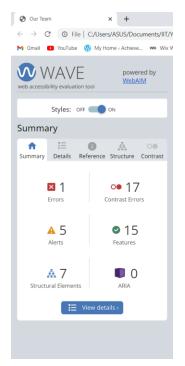


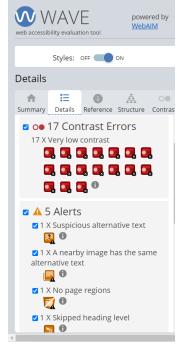


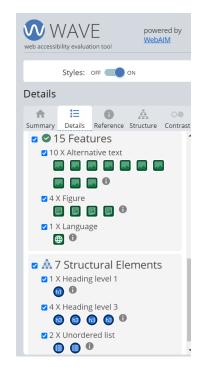




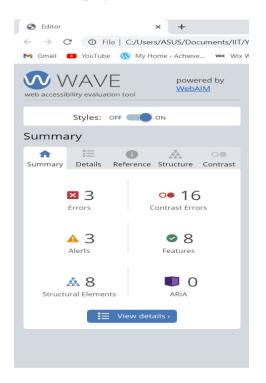
About us page

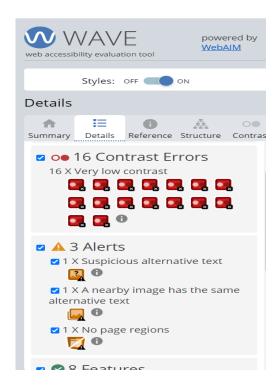


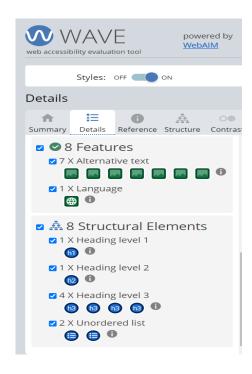


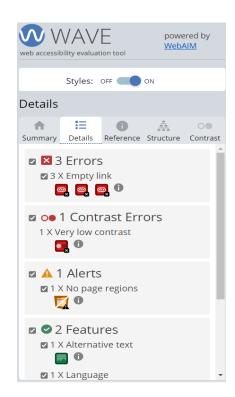


Editor's page

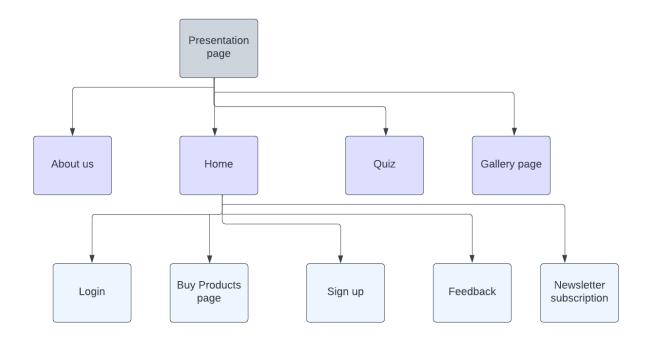








4.7 SITE DIAGRAM



5. SELF REFLECTION

Student 1- Sandushke De Alwis

Our team worked tremendously hard to bring our website to life. Despite exceeding our expectations, we encountered a number of barriers on our way to achieving our objectives. The first issue was figuring out how to maintain all of our tasks in sync and gradually ramp up in a well-organized manner.

We understood that our old ways of working on our own and creating UI/UX Designs would be obsolete when we built the designs. Although we had issues in meeting physically and contributing for the coursework, we were able to handle all of them because we held meetings one two weeks and also got updates of team members as much as we could.

Despite all the hard times we came across, personally I think that I learnt numerous things about web designing, how to and got a clear idea about how a web developers life would be

Student 2 - Vishmi Herath

My group mates and I arranged a Zoom meeting a few days after the coursework was released to go over it together.

It was challenging for us all mostly because we lived a bit far away from each other. So, the group members couldn't meet physically. Continuous power cuts caused by the country's present state also had a significant impact on us. Because of the power cuts, we were unable to hold a Zoom meeting for several days. Despite this, we were able to finish the individual parts first.

But in the last two weeks, we managed to physically meet and merge all of our subtasks.

We not only improved our teamwork skills as a result of this group project, but we also improved our knowledge in the field of Web design and development.

Student 3 - Sankeetha Elancheliyan

Even though we couldn't achieve what we planned exactly, we were able to finish the majority of the work within the given period taking power cuts and other obstacles we faced into account.

In our group, all of us were beginners in HTML, CSS, and javascript and didn't have beforehand experience in front-end development. Therefore, we had a learning curve in the beginning. But we were able to manage since we self-studied and referred to a lot of online materials.

All of us gave our maximum effort to make this website a success. We encountered difficulty in doing XML parts and javascript parts.

I did the student 3 part, and I faced difficulty in the javascript part on the buy products page. It was a bit complicated and advanced since I don't know Javascript in-depth. I referred to online materials and got help from people who know Javascript. They helped me figure out the errors I had in the code.

We planned to have a GitHub repository and maintain it. But unfortunately, we couldn't maintain one. Plus, our team members are in IEEE, Toastmasters club, and Rotaract club. Despite the busy schedule, we were able to complete it.

Student 4- Sandev Dias Designing a web page was a really hard task for me.It was so challenging for me for making a simple website using XML specially.I somehow managed to create an website which looked colourful.My team mates performed much more better than me.I faced many difficulties when creating the drop down menu, but somehow with help from my team mates, i managed to do a much more better task.

6. REFERENCES

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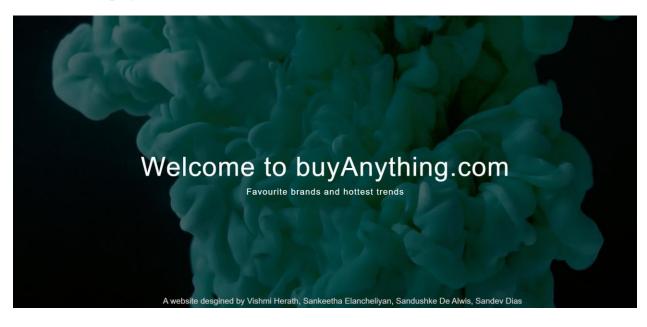
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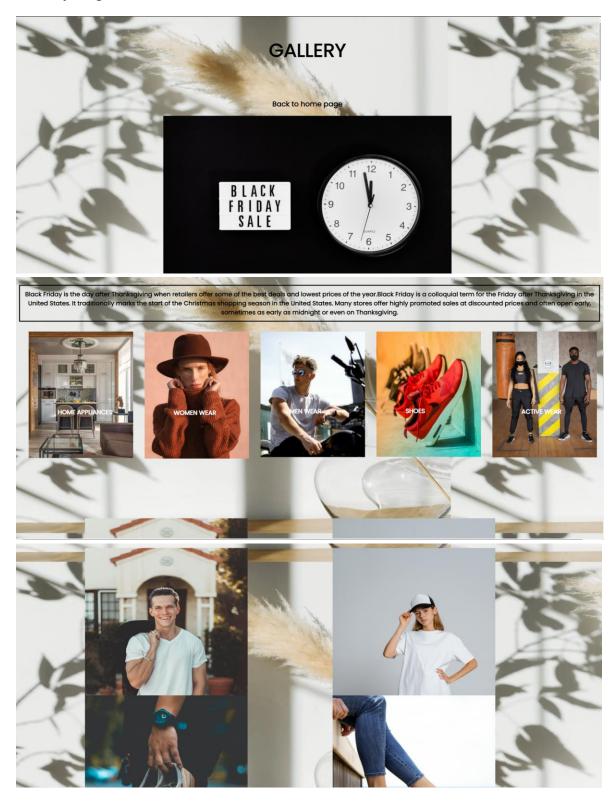
7.APPENDIX: SCREENSHOTS

Student 1 – Sandushke De Alwis

Presentation page



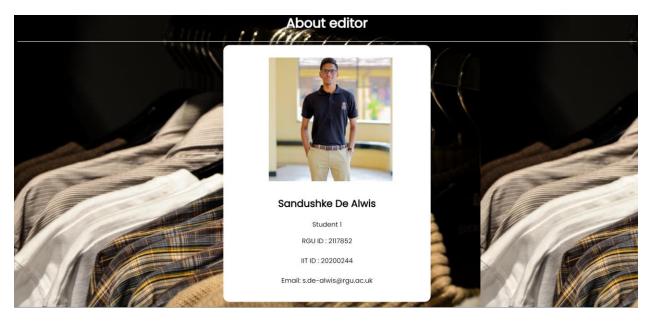
Gallery Page



Login Form

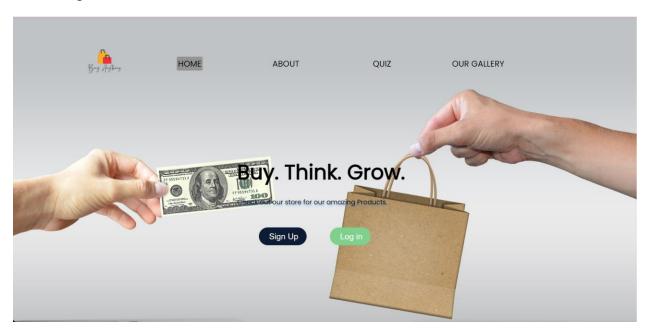
<u>A</u>	
LOGIN Buy Arthing	
Full Name	
Address	
E-mail (
Phone number	
Pasword	
Confirm Password	
Address	
E-mail	
Phone number	
Pasword	
Confirm Password	
Choose Preferneces Fashion Electrics & Electronics Home Appliances Jewellery Cosmetics	
Sign in	
Don't have an account? <u>Sign up</u>	
G Continue with Google	
G Continue with facebook	

Editors Page



Student 2- Vishmi Hearth

Main Page-







Categories









Clothing

Bags & Shoes

Home Appliances

Cosmetics

New Arrivals







Featured Products of the Week



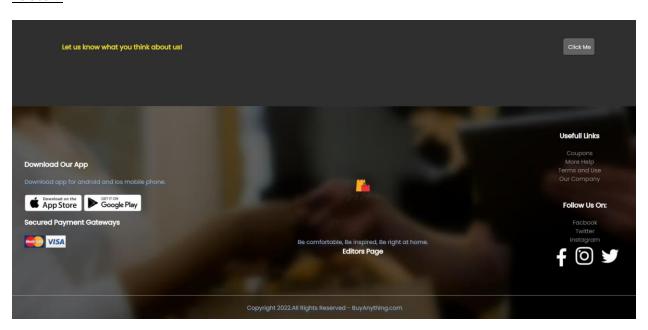




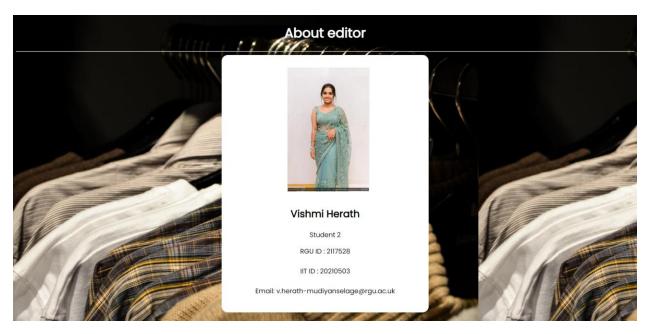




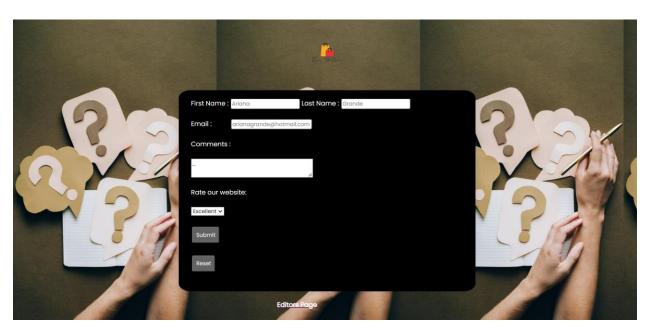
footer-



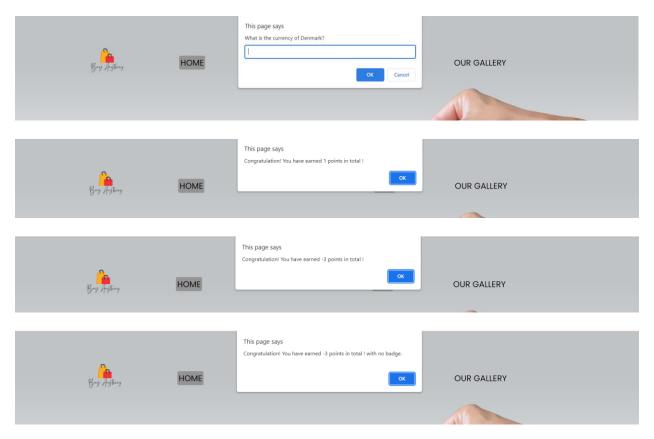
Editor's page-



Form to send comments about the web site-



Quiz-

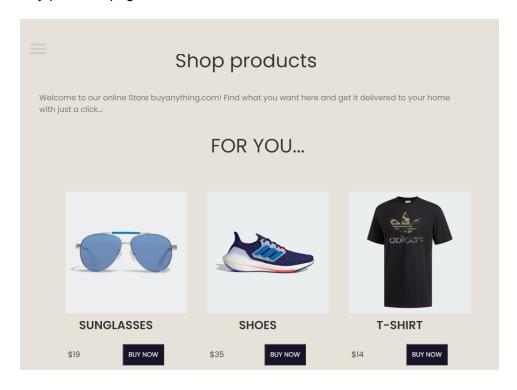


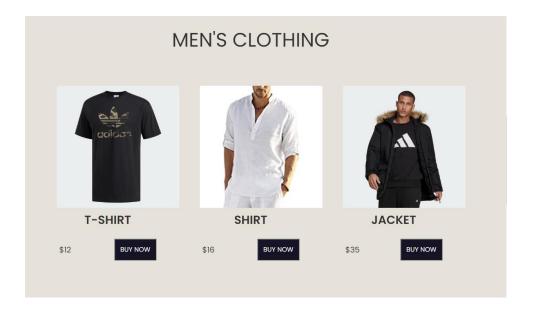
Student 3 – Sankeetha Elancheliyan

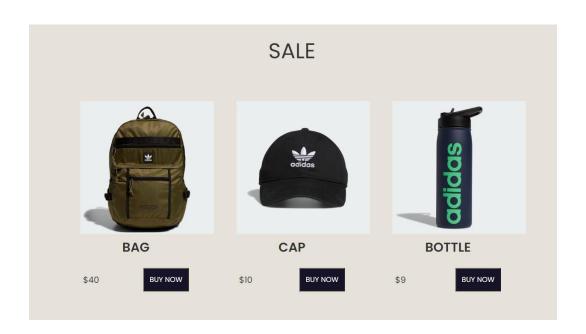
Editors page



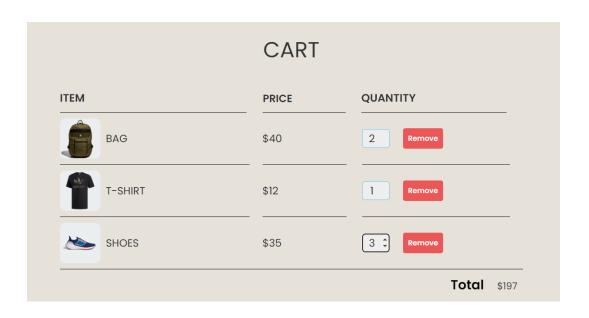
Buy products page





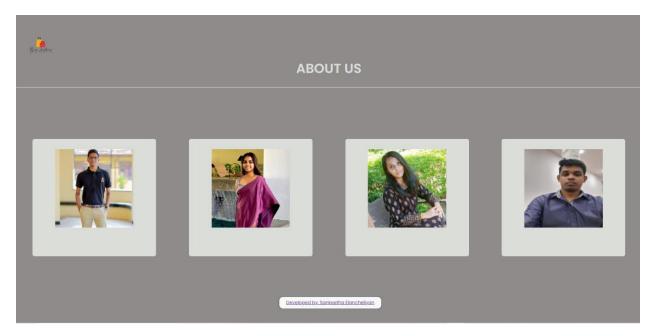


	CART		
ITEM	PRICE	QUANTITY	Total \$0



Name:	
James Bond	
Email:	
abc@gmail.com	
Address:	
No.15,First Chapel lane,Colobo-0	
Telephone no:	
+940785469871	

About us Page



Student 4 – Sandev Dias

BuyAnything.com

nvidia gtx 1060 -powerful gaming gpu at a price \$460 intel xeon x50 -workstation cpu price-\$480

ASUS monitor -\$320

SAMSUNG M32 -\$280

Sharp 40 inch TV-\$210

vivo m3- \$320

Sharp 40inch TV -\$360

POCO m3 phone -\$210

MSI g5 gaming laptop -\$960

dell q6 mouse -\$30

items

cpu

gpu

monitor

keyboard

mouse

