Informatics Institute of Technology

Department of Computing

Bsc(Hons) Artificial Intelligence and Data Science

Module: CM1605 Web Technology

Module Coordinator: Ms. Janani Harischandra

Group Coursework Report

Tutorial Group   : A

Coursework Group No   : 2

Student Details   : 2117517 20210522 Duweeja de Lima

                              2118812 20211027 Tharusha Jayasekara

                              2118527 20210931 Nethari Jayasinghe

                              2118530 20210951 Kavindu Induwara Jayasinghe

Contents

1. Introduction

Our topic chosen: - Ecommerce Site – BuyAnything.com

Features -

Presentation page	Main page	Gallery page
Editors page	Quiz page	Buy products page
About us page	Listing page	Home page

Members: -
- Duweeja De Lima   2117517 – Student 1
- Tharusha Jayasekara   2118812 – Student 2
- Nethari Jayasinghe   2118527 – Student 3
- Induwara Jayasinghe   2118530 – Student 4

2. Research on existing systems

- favicon.com
- Kapruka.com

3. Technical Discussion
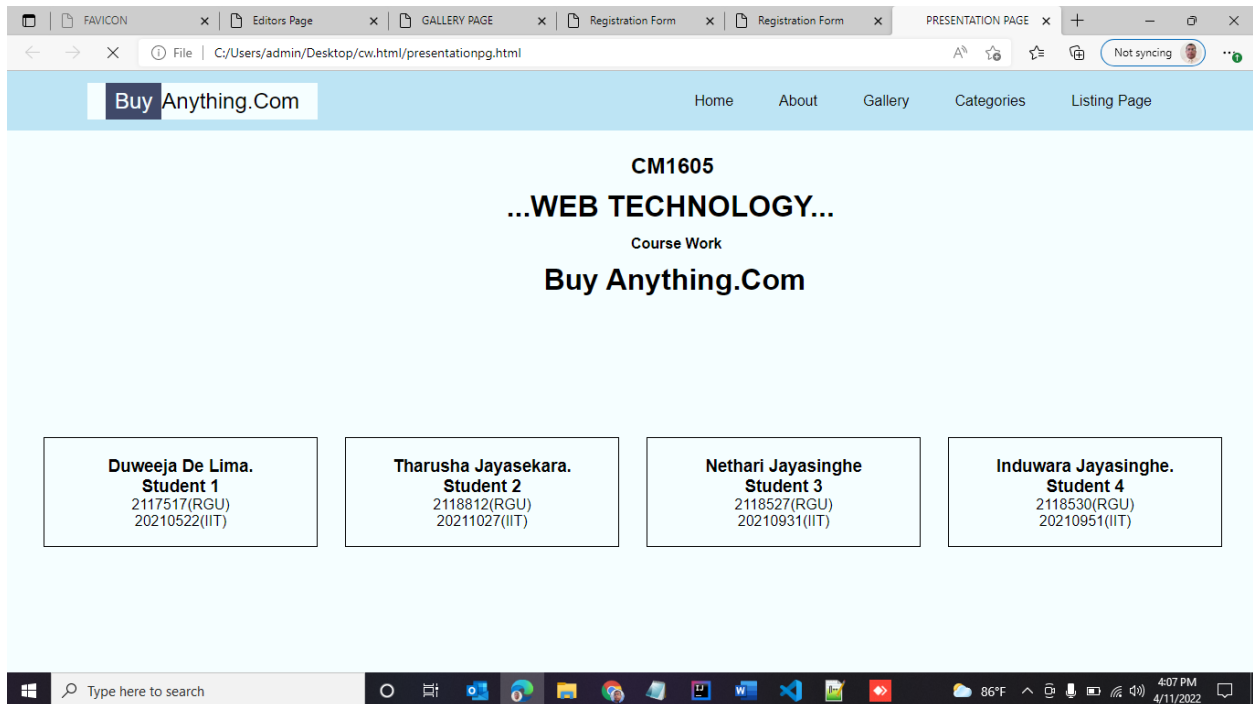
Duweeja de Lima: Student 01

I was given the tasks of student 1 in the coursework which are discussed below.

Presentation Page
Firstly, I had to create a presentation page with the details of our group. For this I created a separate page from the main page and used a 'meta' tag in the presentation page which would redirect it to the home page after 5 seconds.

```
<li><a href="Home.html">Home</a></li>
<li><a href="editors' page.html">About</a></li>
<li><a href="#">Gallery</a></li>
```

Out put:


```
<!DDOCTYPE html>
<html>
<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```html
<title>PRESENTATION PAGE</title>
<link rel="stylesheet" href="presentationpg.css">
<link rel="stylesheet" href="style.css">

<meta http-equiv="refresh" content="5,url=signup form.html">
<!-- Navigation -->
<header>
<br>
<div class="div-nav" id="divNav">
    <nav>
        <div class="wrapper">
            <!-- Logo -->
            <div class="logo"><span>buy</span>Anything.com</div>
            <!-- Menu Show & Close Radios -->
            <input type="radio" name="slide" id="show-mbtn">
            <input type="radio" name="slide" id="close-mbtn">
            <!-- Sub Menu Items Show & Hide Checkboxes -->
            <input type="checkbox" name="service" id="service">
            <input type="checkbox" name="categories" id="categories">
            <!-- Menu Items -->
            <ul class="nav-links">
                <li><a href="Home.html">Home</a></li>
                <li><a href="editors' page.html">About</a></li>
                <li><a href="#">Gallery</a></li>
                <li><a href="#"><label
for="categories">Categories</label></a>
                    <!-- Mega Menu -->
                    <div class="mega-box">
                        <div class="content">
                            <div class="row">
                                <img
src="C:\Users\admin\Desktop\cw.html\pictures used\logopic1.jpeg"alt="logo image">
                            </div>
                            <div class="row">
                                <header>Clothes</header>
                                <ul class="mega-links">
                                    <li><a
href="buyproducts.html">Shirts</a></li>
                                    <li><a href="#">Denims</a></li>
                                    <li><a href="#">Frocks</a></li>
                                    <li><a href="#">Blouses</a></li>
                                </ul>
                            </div>
                            <div class="row">
                                <header>Shoes</header>
```

```html
                        <ul class="mega-links">
                            <li><a href="shoe.html">Casual</a></li>
                            <li><a href="#">Sports</a></li>
                            <li><a href="#">Office</a></li>
                            <li><a href="#">Dancing</a></li>
                        </ul>
                    </div>
                    <div class="row">
                        <header>Porcelain</header>
                        <ul class="mega-links">
                            <li><a href="mugs.html">Mugs</a></li>
                            <li><a href="#">Watches</a></li>
                            <li><a href="#">plates</a></li>
                            <li><a href="#">Pots</a></li>
                            <li><a href="#">curry dishes</a></li>
                        </ul>
                    </div>
                    <div class="row">
                        <header>Stationaries</header>
                        <ul class="mega-links">
                            <li><a href="books.html">Books</a></li>
                            <li><a href="#">Corporate
Stationary</a></li>

                            <li><a href="#">Pens</a></li>
                            <li><a href="#">Cases</a></li>
                        </ul>
                    </div>
                    <div class="row">
                        <header>Food</header>
                        <ul class="mega-links">
                            <li><a
href="Vegetables.html">Vegetables</a></li>
                            <li><a href="#">Fruits</a></li>
                            <li><a href="#">Snacks</a></li>
                            <li><a href="#">Grains</a></li>
                        </ul>
                    </div>
                </div>
            </div>
        </li>
    <li><a href= "#"> Listing Page</a></li>
</ul>
        <!-- Menu Show & Close Buttons -->
        <label for="show-mbtn" class="sbtn mbtn"><i class="fas fa-
bars"></i></label>
```

```html
                <label for="close-mbtn" class="cbtn mbtn"><i class="fas fa-
times"></i></label>
            </div>
        </nav>
    </div>
    </header>
</head>

<body style="background-color:#F5FEFF;">
<div class="info">

    <h2 id="module-code">CM1605</h2>
    <br>
    <h1 id="web-heading">...WEB TECHNOLOGY...</h1>
    <h4 id="cw">Course Work</h4>
    <h1 id="buy-heading">Buy Anything.com</h1>

    <br>
    <br>

    <div id="main-box">
        <div class="transparent-box" id="stu-1">
            <h3>Duweeja de Lima.</h3>
            <h3>Student 1</h3>
            <p>2117517(RGU)</p>
            <p>20210522(IIT)</p>
        </div>
        <br>
        <div class="transparent-box" id="stu-2">
            <h3>Tharusha Jayasekara.</h3>
            <h3>Student 2</h3>
            <p>2118812(RGU)</p>
            <p>20211027(IIT)</p>
        </div>
        <br>
        <div class="transparent-box" id="stu-3">
            <h3>Nethari Jayasinghe</h3>
            <h3>Student 3</h3>
            <p>2118527(RGU)</p>
            <p>20210931(IIT)</p>
        </div>
        <br>
        <div class="transparent-box"id="stu-4">
            <h3>Induwara Jayasinghe.</h3>
            <h3>Student 4</h3>
```

```
        <p>2118530(RGU)</p>
        <p>20210951(IIT)</p>
      </div>

   </div>


</div>
</body>
</html>
```

Css part of the presentation page:

```css
* {
    padding: 20;
    margin: 20;
    box-sizing: border-box;

}

body{
    background-color: rgb(0, 0, 0);
}
.info
{
    width:80%;
    margin: 100px auto 50px;
    display:grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    grid-gap: 10px;
}



.transparent-box{
    width: 300px;
    height: 168px;
    background: rgba(0,0,0,0);

    left: 0;
    transition: background-color 0.3s eas
}

#divNav{
```

```css
    position: absolute;
    top: 0px;
}

#module-code{
    position: absolute;
    top: 90px;
    left: 50%;


}

#cw{
    position: absolute;
    left: 50%;
    top: 180px;
}

#web-heading{
    position: absolute;
    top: 130px;
    left: 40%;
}

#buy-heading{
    position: absolute;
    top: 210px;
    left: 43%;
}

.transparent-box{
    border: 1px solid black;
    height: 120px;
    text-align: center;
    padding: 20px;
}

#stu-1{
    position: absolute;
    top: 300px;
    left:40px;
}

#stu-2{
    position: absolute;
```

```
    top: 300px;
    left: 370px;
}

#stu-3{
    position: absolute;
    top: 300px;
    left: 700px;
}

#stu-4{
    position: absolute;
    top: 300px;
    left: 1030px;
}

#main-box{
    position: absolute;
    top: 100px;
    left: 0px;
}
```

Sign Up Page

Secondly, I created a sign-up page to get user information which includes fields regarding personal information and the topic we were given. To confirm correct data are entered, I used JavaScript to validate these fields.

```
function validateForm()
{
var fn=document.forms["regform"]["First Nmae"].value;
var ln=document.forms["regform"]["Last Name"].value;
var gn=document.forms["regform"]["Gender"].value;
var userage=document.forms["regform"]["userAge"].value;
var mail=document.forms["regform"]["Email address"].value;
var occu=document.forms["regform"]["Occupation"].value;
var pref=document.forms["regform"]["Your preferences "].value;
```

Out put:

```javascript
if(fn==null || fn=="")
{
alert("First name must be filled");
return false;
}
else if(ln==null || ln=="")
{
alert("Last name must be filled");
return false;
}
else if(gn==null || gn=="")
{
alert("Gender must be chosen");
return false;
}
else if(userage==null || userage=="")
{
alert("Age must be filled");
return false;
}
else if(mail==null || mail=="")
{
alert("Email address must be filled");
return false;
}
else if(occu==null || occu=="")
{
alert("Occupation must be filled");
return false;
}
else if(pref==null || pref=="")
{
```

```javascript
  alert("Occupation must be filled");
  return false;
  }
  else if(pref==null || pref=="")
  {
  alert("Your preferance must be filled");
  return false;
  }
  }
```

Code of sign up page:

```html
<!DOCTYPE html>
<html>
    <head>
        <title>Registration Form</title>
        <script>
            function validateForm()
            {
            var fn=document.forms["regform"]["First Name"].value;
            var ln=document.forms["regform"]["Last Name"].value;
            var gn=document.forms["regform"]["Gender"].value;
            var userage=document.forms["regform"]["userAge"].value;
            var mail=document.forms["regform"]["Email address"].value;
            var occu=document.forms["regform"]["Occupation"].value;
            var pref=document.forms["regform"]["Your preferences "].value;

            if(fn==null || fn=="")
            {
            alert("First name must be filled");
            return false;
            }
            else if(ln==null || ln=="")
            {
            alert("Last name must be filled");
            return false;
            }
            else if(gn==null || gn=="")
            {
            alert("Gender must be chosen");
            return false;
            }
            else if(userage==null || userage=="")
            {
            alert("Age must be filled");
            return false;
            }
            else if(mail==null || mail=="")
            {
            alert("Email address must be filled");
            return false;
            }
            else if(occu==null || occu=="")
            {
            alert("Occupation must be filled");
```

```
                return false;
            }
            else if(pref==null || pref=="")
            {
            alert("Your preferance must be filled");
            return false;
            }
            }
        </script>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="stylesheet" href="style.css">
        <link rel="stylesheet" href="signup form.css">


        <!-- Navigation -->
    <header>
    <br>
    <div class="div-nav" id="divNav">
        <nav>
            <div class="wrapper">
                <!-- Logo -->
                <div class="logo"><span>buy</span>Anything.com</div>
                <!-- Menu Show & Close Radios -->
                <input type="radio" name="slide" id="show-mbtn">
                <input type="radio" name="slide" id="close-mbtn">
                <!-- Sub Menu Items Show & Hide Checkboxes -->
                <input type="checkbox" name="service" id="service">
                <input type="checkbox" name="categories" id="categories">
                <!-- Menu Items -->
                <ul class="nav-links">
                    <li><a href="Home.html">Home</a></li>
                    <li><a href="editors' page.html">About</a></li>
                    <li><a href="#">Gallery</a></li>
                    <li><a href="#"><label
for="categories">Categories</label></a>
                        <!-- Mega Menu -->
                        <div class="mega-box">
                            <div class="content">
                                <div class="row">
                                    <img
src="C:\Users\admin\Desktop\cw.html\pictures used\logopic1.jpeg"alt="logo image">
                                </div>
                                <div class="row">
                                    <header>Clothes</header>
                                    <ul class="mega-links">
```

```html
                                <li><a
href="buyproducts.html">Shirts</a></li>
                                    <li><a href="#">Denims</a></li>
                                    <li><a href="#">Frocks</a></li>
                                    <li><a href="#">Blouses</a></li>
                                </ul>
                            </div>
                            <div class="row">
                                <header>Shoes</header>
                                <ul class="mega-links">
                                    <li><a href="shoe.html">Casual</a></li>
                                    <li><a href="#">Sports</a></li>
                                    <li><a href="#">Office</a></li>
                                    <li><a href="#">Dancing</a></li>
                                </ul>
                            </div>
                            <div class="row">
                                <header>Porcelain</header>
                                <ul class="mega-links">
                                    <li><a href="mugs.html">Mugs</a></li>
                                    <li><a href="#">Watches</a></li>
                                    <li><a href="#">plates</a></li>
                                    <li><a href="#">Pots</a></li>
                                    <li><a href="#">curry dishes</a></li>
                                </ul>
                            </div>
                            <div class="row">
                                <header>Stationaries</header>
                                <ul class="mega-links">
                                    <li><a href="books.html">Books</a></li>
                                    <li><a href="#">Corporate
Stationary</a></li>
                                    <li><a href="#">Pens</a></li>
                                    <li><a href="#">Cases</a></li>
                                </ul>
                            </div>
                            <div class="row">
                                <header>Food</header>
                                <ul class="mega-links">
                                    <li><a
href="Vegetables.html">Vegetables</a></li>
                                    <li><a href="#">Fruits</a></li>
                                    <li><a href="#">Snacks</a></li>
                                    <li><a href="#">Grains</a></li>
                                </ul>
```

```html
                        </div>
                      </div>
                    </div>
                  </li>
                <li><a href= "#"> Listing Page</a></li>
              </ul>
              <!-- Menu Show & Close Buttons -->
              <label for="show-mbtn" class="sbtn mbtn"><i class="fas fa-
bars"></i></label>
              <label for="close-mbtn" class="cbtn mbtn"><i class="fas fa-
times"></i></label>
          </div>
       </nav>
   </div>
   </header>

   </head>


   <body>
       <div id="signup-box">

           <h2 id="Signup-form">Sign up form</h2>

           <div id="form">
               <form name="regform" method="post" onsubmit="validateForm()">
               <h2>Your Details:</h2>
               <br>

               <label for="fname">First Name :</label>
               <input type="text" id="fname" placeholder="Enter your First
name">

               <br>

               <label for="lname">Last Name :</label>
               <input type="text" id="lname" placeholder="Enter your last
name">

               <br>

               <label for="userAge">Age :</label>
               <input type="text"  id="userAge" placeholder="Enter your
Age">

               <br>

               <label for="useremail">Email address : </label>
```

```html
            <input type="text" id="useremail" placeholder="Enter your email">
            <br>

            <label for="Occupation">Occupation :</label>
            <input type="text" id="Occupation" placeholder="Enter your
occupation">
            <br>

            <p>Gender:</p>

            <select id="gender" name="gender">
                <option value="Male">Male</option>
                <option value="Female">Female</option>
                <option value="Other">Other</option>

            <br>


            <textarea id="comments" name="comments "rows="5" cols="30"
maxlength="300" placeholder="Any Comments"> </textarea>
            <br>
            <br>

            <select id="Your preferences" name="Your preferences">
                <option value="clothes">Clothes</option>
                <option value="shoes">shoes</option>
                <option value="Porcilane">porcilane</option>
                <option value="stationary">stationary</option>
                <option value="food">food</option>

            </select>
            <br>

            <div id="hhh">

                <br>
                <button type="submit" id="submit">Sign up</button>
                <br>
                <button type="reset" id="reset">Reset</button>

            </div>

            </form>
```

```
                </div>


          </div>


      </body>
</html>
```

Css part of the sign up page:

```
form{
    margin:0px auto;
    width:35%;
    height: 800px;
    padding:20px;
    font-size:12px;
    background-color:#404969;
    color:white;
    position: absolute;
    top: 100px;
    left: 450px;
}




#Signup-form{
    color: black;
}

#comments{
    display: none;
}


input[type=text],select
         {
                margin:8px 0;
                width:100%;
                padding:12px 18px;
                display:inline-block;
                border:1px solid #ccc;
                box-sizing:border-box;
                font-size:12px;
```

```css
        }
input[type=text],select
{
    background-color:#ffffff;
    color:Black;
    margin:8px 0;
    width:100%;
    padding:12px 18px;
    border:none;
    border-radius:4px;
    font-size:12px;
    cursor:pointer;
}

        input[type=submit]:hover
        {
            background-color: #2f4f4f
        }

        h2
        {
            color:white;
            text-align:center;
        }

        div lable
        {
            color:white;
        }

        #submit
        {
            background-color:#1f732e;
            color:white;
            width:70px;
            height:30px;
            border-radius: 10px;
        }
        #reset
        {
            background-color:#ff0505;
            color: white;
            width:70px;
            height:30px;
```

```
                border-radius: 10px;
        }


        #signup-box{
                position: relative;
                top: 200px;
                z-index:-1;
        }
```

Gallery Page

Lastly, I created a gallery page to display healthy recipes where the user can select a thumbnail and the image will be enlarged with the recipe displaying on the side.

```
</div>
<script>
    var fullImgBox = document.getElementById("fullImgBox");
    var fullImg = document.getElementById("fullImg");

    function openFullImg(pic){
        fullImgBox.style.display = "flex";
        fullImg.src = pic;
    }

    function closeFullImg(){
        fullImgBox.style.display = "none";


    }
</script>
```

Out put:
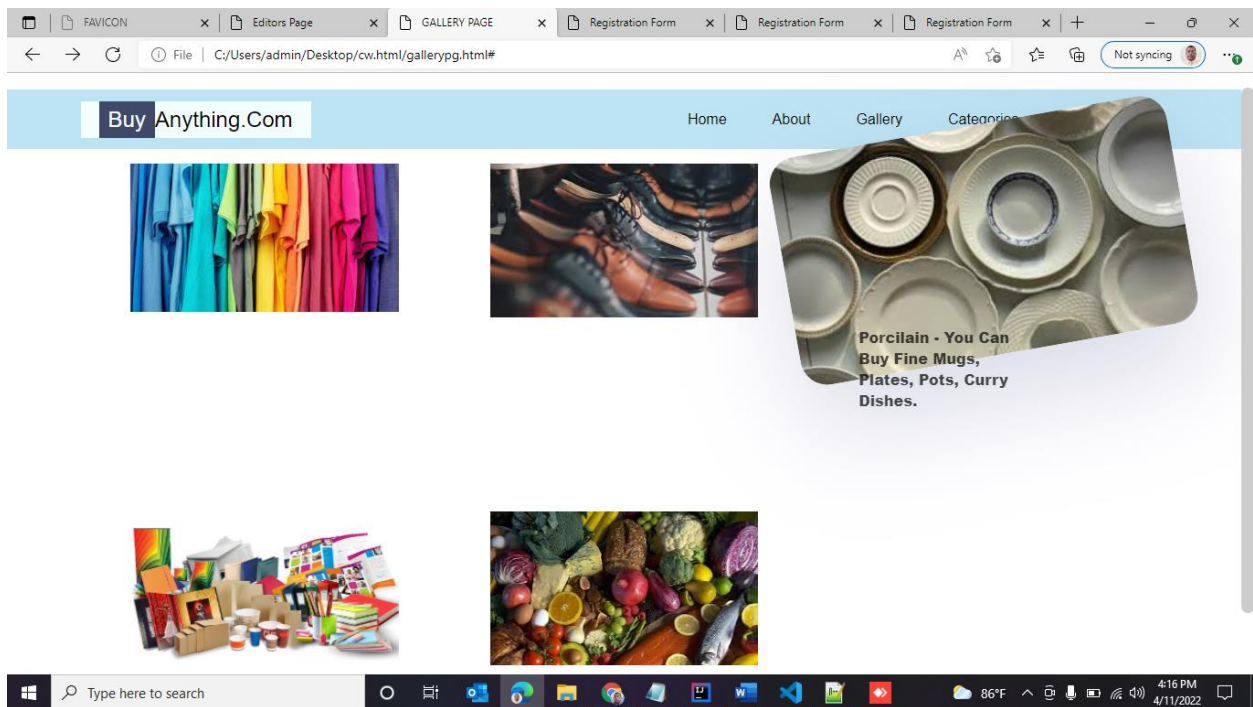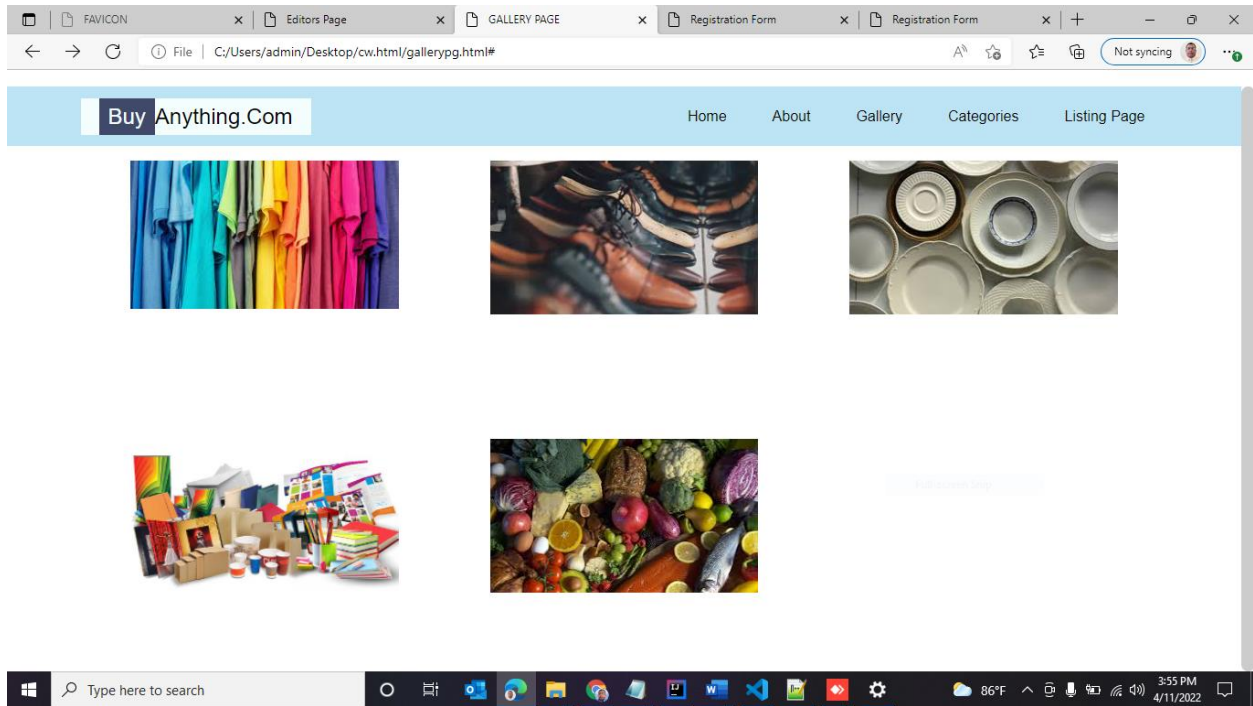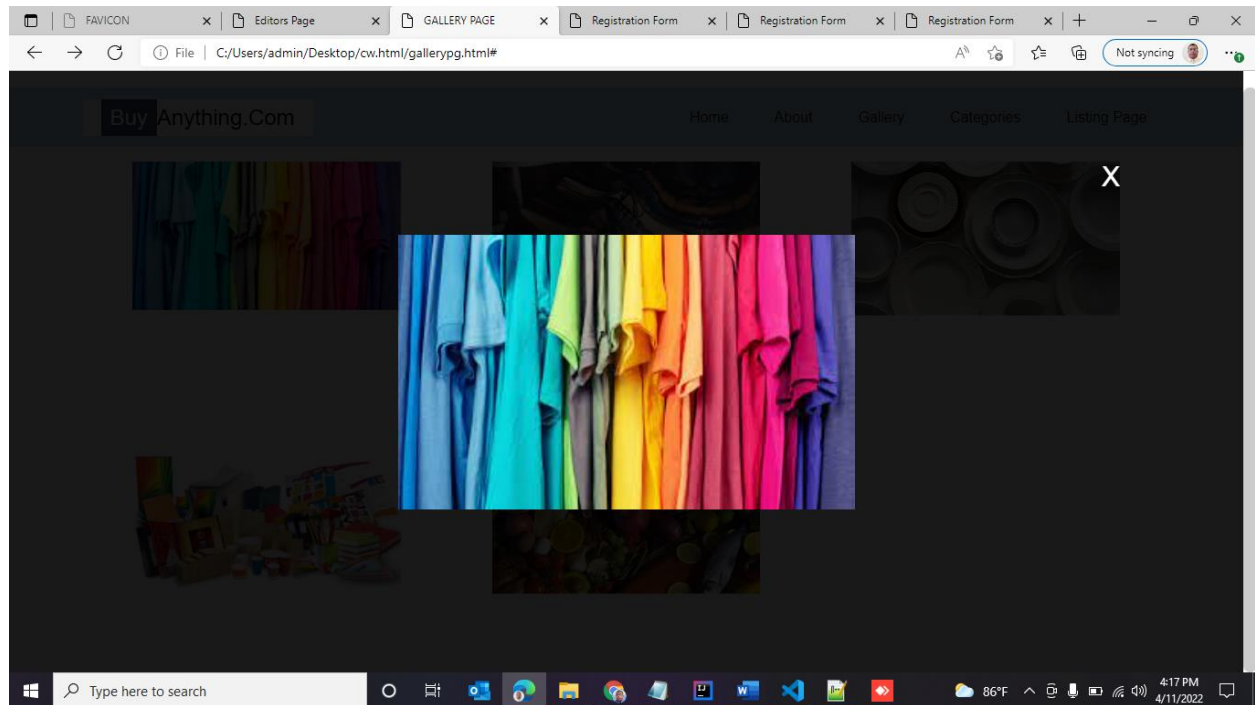
Gallery page code:

```html
<!DDOCTYPE html>
<html>
<head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>GALLERY PAGE</title>
    <link rel="stylesheet" href="styleG.css">
    <link rel="stylesheet" href="style.css">
    <!-- Navigation -->
    <header>
    <br>
    <div class="div-nav" id="divNav">
        <nav>
            <div class="wrapper">
                <!-- Logo -->
                <div class="logo"><span>buy</span>Anything.com</div>
                <!-- Menu Show & Close Radios -->
                <input type="radio" name="slide" id="show-mbtn">
                <input type="radio" name="slide" id="close-mbtn">
                <!-- Sub Menu Items Show & Hide Checkboxes -->
                <input type="checkbox" name="service" id="service">
                <input type="checkbox" name="categories" id="categories">
                <!-- Menu Items -->
                <ul class="nav-links">
```

```html
                        <li><a href="Home.html">Home</a></li>
                        <li><a href="editors' page.html">About</a></li>
                        <li><a href="#">Gallery</a></li>
                        <li><a href="#"><label
for="categories">Categories</label></a>
                        <!-- Mega Menu -->
                        <div class="mega-box">
                            <div class="content">
                                <div class="row">
                                    <img
src="C:\Users\admin\Desktop\cw.html\pictures used\logopic1.jpeg"alt="logo image">
                                </div>
                                <div class="row">
                                    <header>Clothes</header>
                                    <ul class="mega-links">
                                        <li><a
href="buyproducts.html">Shirts</a></li>
                                        <li><a href="#">Denims</a></li>
                                        <li><a href="#">Frocks</a></li>
                                        <li><a href="#">Blouses</a></li>
                                    </ul>
                                </div>
                                <div class="row">
                                    <header>Shoes</header>
                                    <ul class="mega-links">
                                        <li><a href="shoe.html">Casual</a></li>
                                        <li><a href="#">Sports</a></li>
                                        <li><a href="#">Office</a></li>
                                        <li><a href="#">Dancing</a></li>
                                    </ul>
                                </div>
                                <div class="row">
                                    <header>Porcelain</header>
                                    <ul class="mega-links">
                                        <li><a href="mugs.html">Mugs</a></li>
                                        <li><a href="#">plates</a></li>
                                        <li><a href="#">Pots</a></li>
                                        <li><a href="#">curry dishes</a></li>
                                    </ul>
                                </div>
                                <div class="row">
                                    <header>Stationaries</header>
                                    <ul class="mega-links">
                                        <li><a href="books.html">Books</a></li>
```

```html
                                            <li><a href="#">Corporate
Stationary</a></li>
                                            <li><a href="#">Pens</a></li>
                                            <li><a href="#">Cases</a></li>
                                        </ul>
                                    </div>
                                    <div class="row">
                                        <header>Food</header>
                                        <ul class="mega-links">
                                            <li><a
href="Vegetables.html">Vegetables</a></li>
                                            <li><a href="#">Fruits</a></li>
                                            <li><a href="#">Snacks</a></li>
                                            <li><a href="#">Grains</a></li>
                                        </ul>
                                    </div>
                                </div>
                            </div>
                        </li>
                    <li><a href= "#"> Listing Page</a></li>
                </ul>
                <!-- Menu Show & Close Buttons -->
                <label for="show-mbtn" class="sbtn mbtn"><i class="fas fa-
bars"></i></label>
                <label for="close-mbtn" class="cbtn mbtn"><i class="fas fa-
times"></i></label>
            </div>
        </nav>
    </div>
    </header>

</head>
<body>

    <div class="full-img" id="fullImgBox">
        <img src="C:\Users\admin\Desktop\cw.html\pictures used\cover1.jpg"
width="300" height="168" id="fullImg" alt="clothes">
        <span onclick="closeFullImg()">X</span>
    </div>
    <div class="img-gallery">
        <div style="width:image width px; font-size:80%; text-align:center;">


        <div class="content-img">
```

```html
            <img src="C:\Users\admin\Desktop\cw.html\pictures used\cover1.jpg"
width="300" height="168" id="image1" onclick="openFullImg(this.src)"
alt="clothes" style="padding-bottom:0.5em;" />
            <div>Clothes - You can buy fine shirts, denims, frocks,
blouses.</div>
        </div>

        </div>

        <div class="content-img">
            <img src="C:\Users\admin\Desktop\cw.html\pictures used\cover2.jpg"
width="300" height="168" id="image2" onclick="openFullImg(this.src)" alt="shoes">
            <div>Shoes - You can buy casual, sports, office, dancing shoes.</div>
        </div>

        <div class="content-img">
            <img src="C:\Users\admin\Desktop\cw.html\pictures used\plate4.jpg"
width="300" height="168" id="image3" onclick="openFullImg(this.src)"
alt="porcilane">
            <div>Porcilain - You can buy fine mugs, plates, pots, curry
dishes.</div>
        </div>


        <div class="content-img">
            <img src="C:\Users\admin\Desktop\cw.html\pictures used\cover 4.jpg"
width="300" height="168"id="image4"  onclick="openFullImg(this.src)"
alt="stationaries">
            <div>Stationaries - You can buy books, pens, cases, corporate
stationary.</div>
        </div>

        <div class="content-img">
            <img src="C:\Users\admin\Desktop\cw.html\pictures used\cover3.jpg"
width="300" height="168" id="image5" onclick="openFullImg(this.src)" alt="food">
            <div>Food - You can buy vegetables, fruits, snacks, grains</div>
        </div>
    </div>
<script>
    var fullImgBox = document.getElementById("fullImgBox");
    var fullImg = document.getElementById("fullImg");

    function openFullImg(pic){
        fullImgBox.style.display = "flex";
        fullImg.src = pic;
```

```
        }

    function closeFullImg(){
        fullImgBox.style.display = "none";

    }
</script>
</body>
</html>
```

Css part of the gallery page:

```
*{
    margin: 0px;
    padding: 0px;
    font-family:sans-serif;


}
body{
    background-color:#F5FEFF;
}
.img-gallery{
    width:80%;
    margin: 100px auto 50px;
    display:grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    grid-gap: 100px;
}
.img-gallery img{
    width:100%;
    cursor: pointer;
}
.img-gallery img:hover{
    transform: scale(1.5) rotate(-10deg);
    border-radius: 20px;
    box-shadow: 0 32px 75px rgba(68,77,136,0.2);
}
.full-img{
    width: 100%;
    height: 100vh;
    background: rgba(0,0,0,0.9);
    position: fixed;
    top: 0;
    left: 0;
    display: none;
    align-items: center;
```

```css
    justify-content: center;
    z-index: 100 ;
}
.full-img img{
    width: 90%;
    max-width:500px;
    height:90%;
    max-height:300px;
}
.full-img span{
    position: absolute;
    top:15%;
    right:10%;
    font-size:30px;
    color:#fff;
    cursor: pointer;
}


.content-img div{

    opacity: 0;
    visibility: hidden;
    color: white;
    -webkit-transition: visibility 0s, opacity 0.5s linear;
    transition: visibility 0s, opacity 0.5s linear;
    }

.content-img:hover div{
    width: 200px;
    padding: 10px;
    visibility: visible;
    opacity: 0.7;
    color: black;
    font-weight: 900;

    }
```

Editors' page code:

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```html
    <title>Editors Page</title>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="editors' page.css">

  <!--<link rel="stylesheet" href="style.css">-->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.1/css/all.min.css" integrity="sha512-
+4zCK9k+qNFUR5X+cKL9EIR+ZOhtIloNl9GIKS57V1MyNsYpYcUrUeQc9vNfzsWfV28IaLL3i96P9sdNy
eRssA==" crossorigin="anonymous" />
    <style>
    .button {
      background-color: white;
      border: 2px solid #404969;
      color: black;
      padding: 16px 32px;
      text-align: center;
      text-decoration: none;
      display: inline-block;
      font-size: 16px;
      margin: 4px 2px;
      transition-duration: 0.4s;
      cursor: poiters;
      border-radius: 8px;
    }

    .button:hover {
      background-color: #404969;
      color: white;
    }</style>

  </head>
  <body>

    <div class = "about-wrapper">
      <div class = "about-left">
        <div class = "about-left-content">
          <div>
            <div class = "shadow">
              <div class = "about-img">
                <img src = "C:\Users\admin\Desktop\cw.html\pictures used\editor
pic.jpeg" alt = "about image">
              </div>
            </div>
          </div>
```

```html
          <h2>Duweeja<br>de Lima</h2>
          <h3>Student 1</h3>
        </div>

        <ul class = "icons">
          <li><i class = "fab fa-facebook-f"></i></li>
          <li><i class = "fab fa-twitter"></i></li>
          <li><i class = "fab fa-linkedin"></i></li>
          <li><i class = "fab fa-instagram"></i></li>
        </ul>
      </div>
    </div>

    <div class = "about-right">
      <h1>hi<span>!</span></h1>
      <h2>Here's who I am & what I do</h2>
      <div class = "about-para">
        <p><b>Name:</b> Duweeja de Lima.</p>
        <p><b>IIT Student Number:</b> 20210522</p>
  <p><b>RGU Student Number:</b> 2117517</p>
  <p><b>What I do:</b></p>
  <p>Presentation page</p>
  <p>Sign up form</p>
  <p>Logo/Title</p>
  <p>Gallery page - Clothes,Shoes,Porcilane,Stationary,Food</p>
  <p>Used external CSS</p>
  <p>Additional Interactivity</p>
  <p>And this Editors page</p>
  <h4><a href="#"><button class="button">Back to Main</button></a>
      </div>
    </div>
  </div>


 </body>
</html>
```

Editors' page Out put:
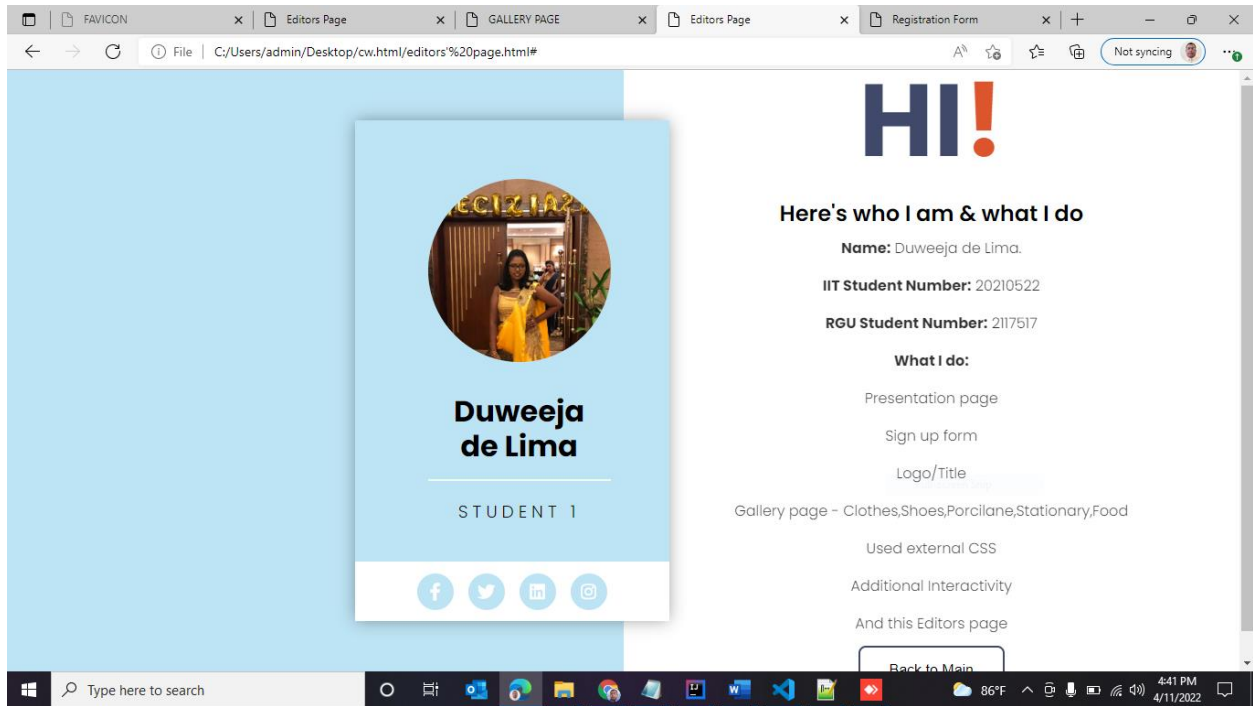
Tharusha Jayasekara: Student 02

After a long discussion with my group member, I decided to choose the takes of Student 02. My tasks are
as follows.

Main Page /Home page
For the design development of the main page, I thoroughly analyzed design traits and patterns of fitness .
websites, visiting many of them until the basis of what is to be expected through the home page of a fitness .
website became concrete in my mind. After discussing with my group members about the color scheme of
the website, I selected an video which fits into its norm. After implementing the video as the background,
as well as the two buttons for the user to either sign up form and participate in the quiz, I found that apart from a
simple, yet memorable text would suffice as the context of the home page, as the image alone convey the
topic we wish to present to the user.

Navigation Bar
I decided to use a horizontal navigation bar overhead, as the users will be familiar with that form of
connectivity between web and pages webpages. Furthermore, I decided to add another navigation bar for the footer of
each page. For webpages whose entire context can be viewed within the dimensions of the screen, this may
appear like an odd choice in design, but for longer webpages, after scrolling all the way down, I myself found
it somewhat irritating to scroll all the way back up to move to the next page. These additional navigation bars
also provided me with a platform on which I can easily include links to the About Us and Editor's pages too
every page of the website.

Despite the norm to use the nav tags, especially in the case of a horizontal navigation bar, I decided to form

my navigation bars within div tags, as for both, I wanted to include the image of the page logo and customize
it's dimensioned using CSS.

```
16          <!-- Navigation -->
17          <header>
18              <nav>
19                  <div class="wrapper">
20                      <!-- Logo -->
21                      <div class="logo"><span>buy</span>Anything.com</div>
22                      <!-- Menu Show & Close Radios -->
23                      <input type="radio" name="slide" id="show-mbtn">
24                      <input type="radio" name="slide" id="close-mbtn">
25                      <!-- Sub Menu Items Show & Hide Checkboxes -->
26                      <input type="checkbox" name="service" id="service">
27                      <input type="checkbox" name="categories" id="categories">
28                      <!-- Menu Items -->
29                      <ul class="nav-links">
30                          <li><a href="Home.html">Home</a></li>
31                          <li><a href="au.html">About</a></li>
32                          <li><a href="#">Gallery</a></li>
33                          <li><a href="#"><label for="categories">Categories</label></a>
```

Thought the use of CSS, the regular navigation bar appears translucent, taking a color a few shades darker
than the background of the viewed webpage, with its text in light blue. When the mouse is hovered over one of
the links, that area of the bar becomes with and the text take an Dark blue color.
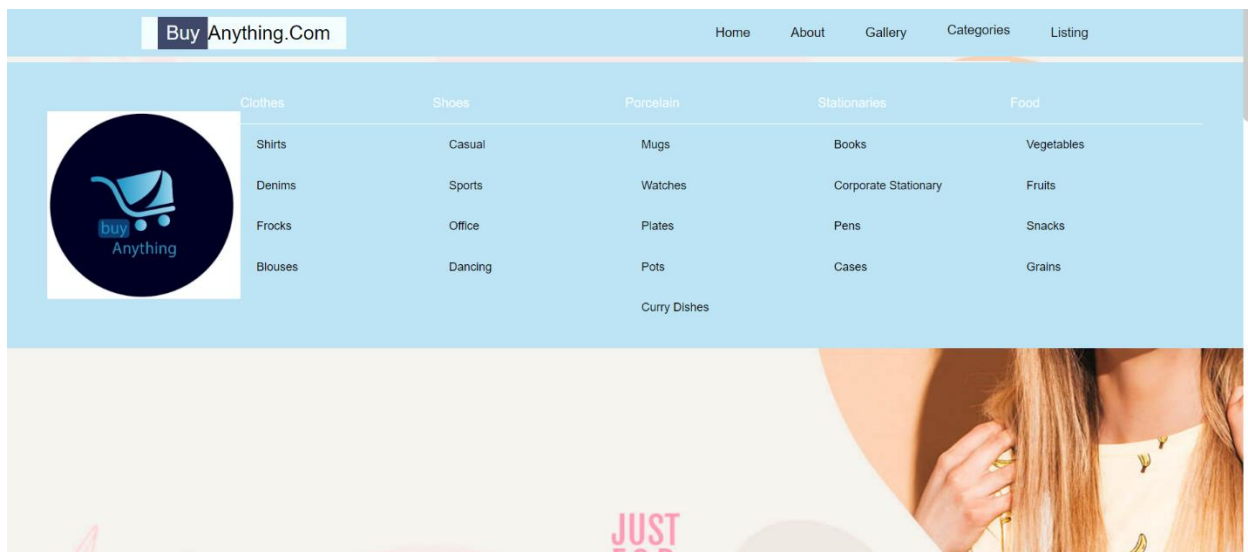
Editor Page + Connect us

according to the initial plan created by the group, the comments form was due to be the segment of the editor page. Hence, I created the minimalistic editor page with the images of the group members in all

```
15
16    <div class="about-wrapper">
17        <div class="about-left">
18            <div class="about-left-content">
19                <div>
20                    <div class="shadow">
21                        <div class="about-img">
22                            <img src="Tharusha.jpg" alt="about image">
23                        </div>
24                    </div>
25
26                    <h2>Tharusha<br>Jayasekara</h2>
27                    <h3>Student 2</h3>
28                </div>
29
30                <ul class="icons">
31                    <li><i class="fab fa-facebook-f"></i></li>
32                    <li><i class="fab fa-twitter"></i></li>
33                    <li><i class="fab fa-linkedin"></i></li>
34                    <li><i class="fab fa-instagram"></i></li>
35                </ul>
36            </div>
37        </div>
38
39        <div class="about-right">
40            <h1>hi<span>!</span></h1>
41            <h2>Here's who I am & what I do</h2>
42
43            <div class="about-para">
44                <p><b> Name : </b> Tharusha Jayasekara<br>
45                    <b> IIT Student Number : </b> 20211027<br>
46                    <b> RGU Student Number : </b> 2118812<br>
47                </p>
```

Portfolio Gallery Grid and added the Image Hover Overlay effect.
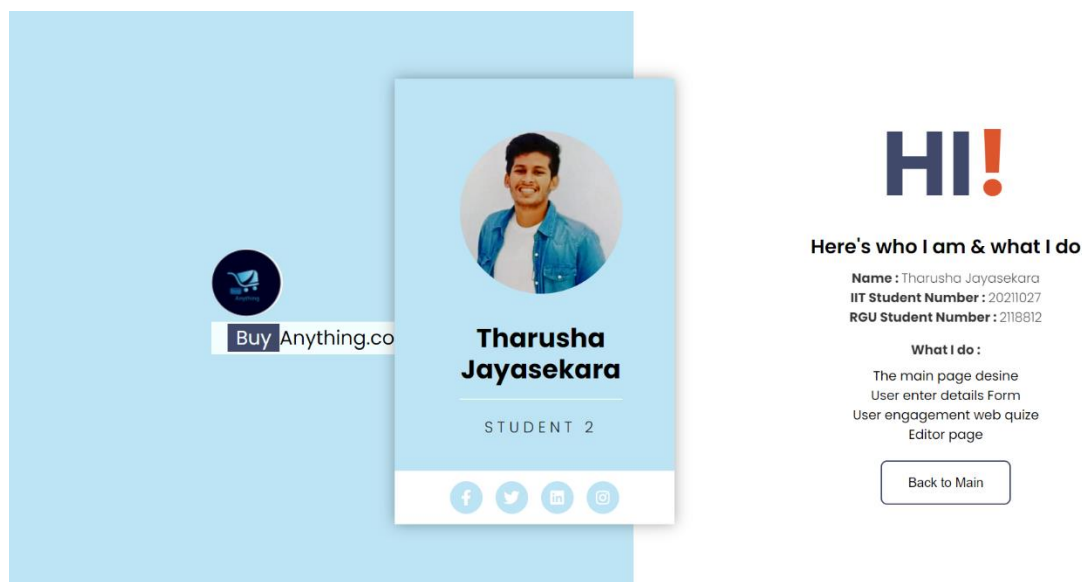
HTML JAVASCRIPT FROM VALIDATION

```javascript
417
418    function checkInputs() {
419        const nameValue = name.value.trim();
420        const emailValue = email.value.trim();
421        if (nameValue === '') {
422            setErrorFor(username, 'Username  be blank');
423        } else {
424            setSuccessFor(username);
425        }
426        if (emailValue === '') {
427            setErrorFor(email, 'Emailcannot be blank ');
428        } else if (!isEmail(emailValue)) {
429            setErrorFor(email, 'Not a valid email');
430        } else {
431            setSuccessFor(email);
432        }
433    }
434
435    function setErrorFor(input, message) {
436        const formControl = input.parentElement;
437        const small = formControl.querySelector('small ');
438        formControl.className = 'form-control error';
439        small.innerText = message;
440    }
441
442    function setSuccessFor(input) {
443        const formControl = input.parentElement;
444        formControl.className = 'form-control success';
445    }
446
447    function isEmail(email) {
448        return /^(([^ < >()\[\]\\.,;: \s @ " ]+(\.[^ <>()\[\]\\.,;: \s @ "]+)*)|(". + "))@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}])|(([a-zA-Z\-0-9]+\.)+[
449    }
450
```

FEEDBACK & RATTING PAGE

```html
351
352        <div class="container">
353            <div class="post">
354                <div class="text">Thanks for rating us!</div>
355                <div class="edit">EDIT</div>
356            </div>
357
358            <div class="star-widget">
359                <input type="radio" name="rate" id="rate-5">
360                <label for="rate-5" class="fas fa-star"></label>
361                <input type="radio" name="rate" id="rate-4">
362                <label for="rate-4" class="fas fa-star"></label>
363                <input type="radio" name="rate" id="rate-3">
364                <label for="rate-3" class="fas fa-star"></label>
365                <input type="radio" name="rate" id="rate-2">
366                <label for="rate-2" class="fas fa-star"></label>
367                <input type="radio" name="rate" id="rate-1">
368                <label for="rate-1" class="fas fa-star"></label>
369
370
371                <div class="textarea">
372                    <textarea cols="30" placeholder="Describe your experience.."></textarea>
373                </div>
374                <div class="btn">
375                    <button type="submit" value="submit">POST</button>
376                </div>
377
378            </div>
379
380
381            <div class="btn1 ">
382                <button type="enter" value="priview" onclick="move()">Enter</button>
383                <button type="submit" value="submit" onclick="foe()">Submit</button>
384                <button type="reset" value="Reset ">Reset</button>
385            </div>
386
387        </div>
```

Buy Anything.com

Enter The Page Create Account

complete

`10%`

Name*

Tharusha Jayasekara

Email*

tharusha.20211027@iit.ac.lk

Enter a Comment*

good

⭐ ⭐ ⭐ ⭐ ⭐

Describe your experience..

RESET

SUBMIT

This page says

Dear Tharusha! Thank you very muchfor your feedback.you have rated our site and your comment was veryinformativ website

OK

This page says

Tharusha!thank you very much our page login

OK

Quiz Page

35

The quiz was made within a JavaScript prompt box(), using css to gather the user's input. JavaScript was used to check
the user inputs and mark them.

Prompt box quiz

This page says

Google is one of most popular? 1/portal 2/browser 3/Serch engine

3

OK   Cancel
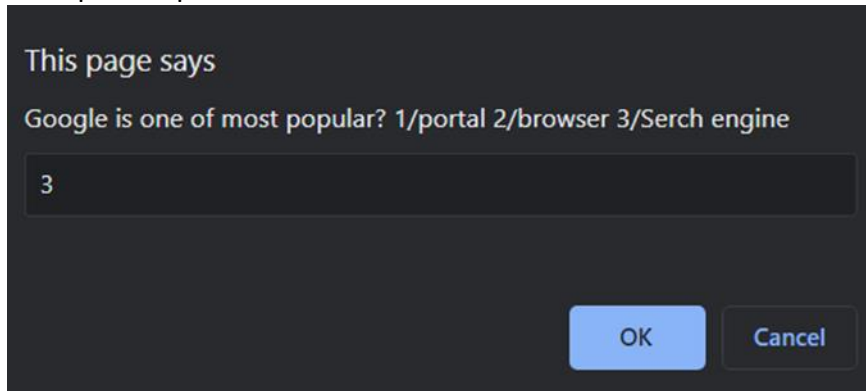
```
77      var score = 0;
78      if (prompt("Google is one of most popular? 1/portal 2/browser 3/Serch engine ") == "3") {
79          score = score + 2;
80
81      }
82      if (prompt("Web page are preparied using their language as? 1/html 2/ftp 3/http") == "1") {
83          score = score + 2;
84
85      }
86      if (prompt("E-Commerce stands for? 1/Electrical Commerce 2/Electronic Commerce 3/Entertainment Commerce ") == "2") {
87          score = score + 2;
88
89      }
90      if (prompt("All electronically mediated information exchanges are known as? 1/ E-Business 2/E-Commerce 3/Digital Business") == "2") {
91          score = score + 2;
92      }
93      if (prompt("Is NOT an example of E-Commerce Platform? 1/DMart 2/Amazon 3/ Reliance ") == "3") {
94          score = score + 2;
95
96      }
97      document.getElementById('result').innerHTML = "calculating.... ";
98
```

The limited time is maintained by a JavaScript function that will produce an alert to the user that their time
has run out

```
95 │
96 │         }
97 │         document.getElementById('result').innerHTML = "calculating.... ";
98 │
99 │         function showAwnswer() {
00 │             if (score == 10) {
01 │                 alert("You are top 1! $GOALD MEDEL$ ");
02 │                 document.getElementById('result').innerHTML = score;
03 │
04 │             }
05 │             if (score == 8) {
06 │                 alert("You are top 2! $SILVER MEDELS$ ");
07 │                 document.getElementById('result').innerHTML = score;
08 │
09 │             }
10 │
11 │             if (score == 6) {
12 │                 alert("You are top 3! $BRONZE MEDEL$");
13 │                 document.getElementById('result').innerHTML = score;
14 │
15 │             }
16 │
17 │             if (score < 2) {
18 │                 alert("Not Qualified! ");
19 │                 document.getElementById('result').innerHTML = score;
20 │
21 │             }
22 │         }
23 │         setTimeout(showAwnswer, 2000);
24 │
25 │         //Back to Quiz button event
26 │         function backToQuiz() {
27 │             location.reload();
28 │         }
```

Depending on the user's score, they are award badge, of which they are informed through are alert. This is conducted by the JavaScript function below.
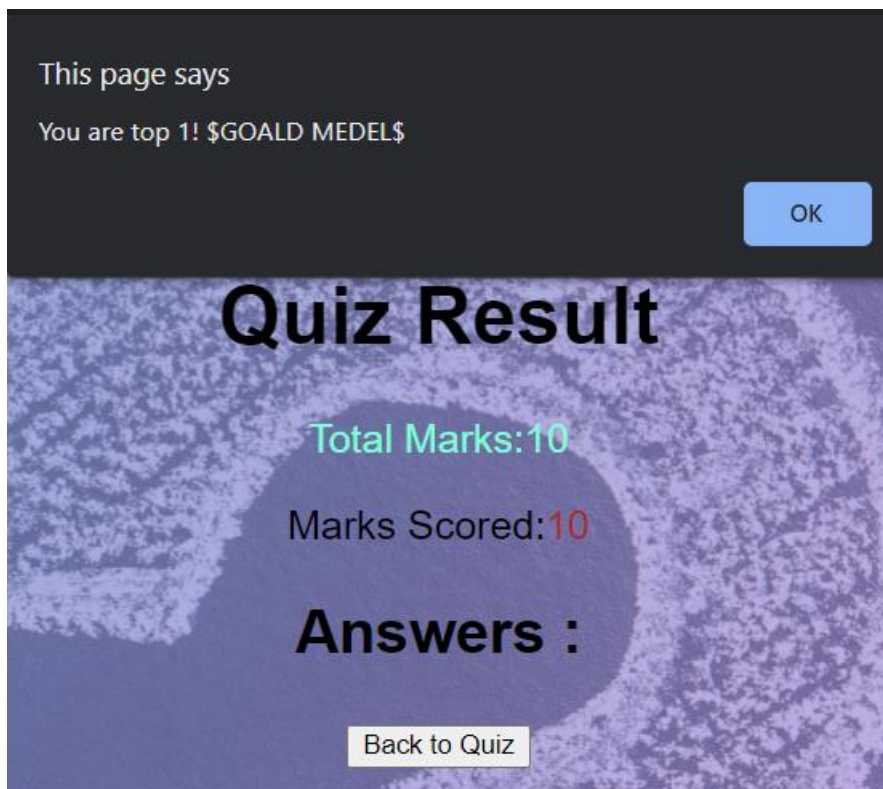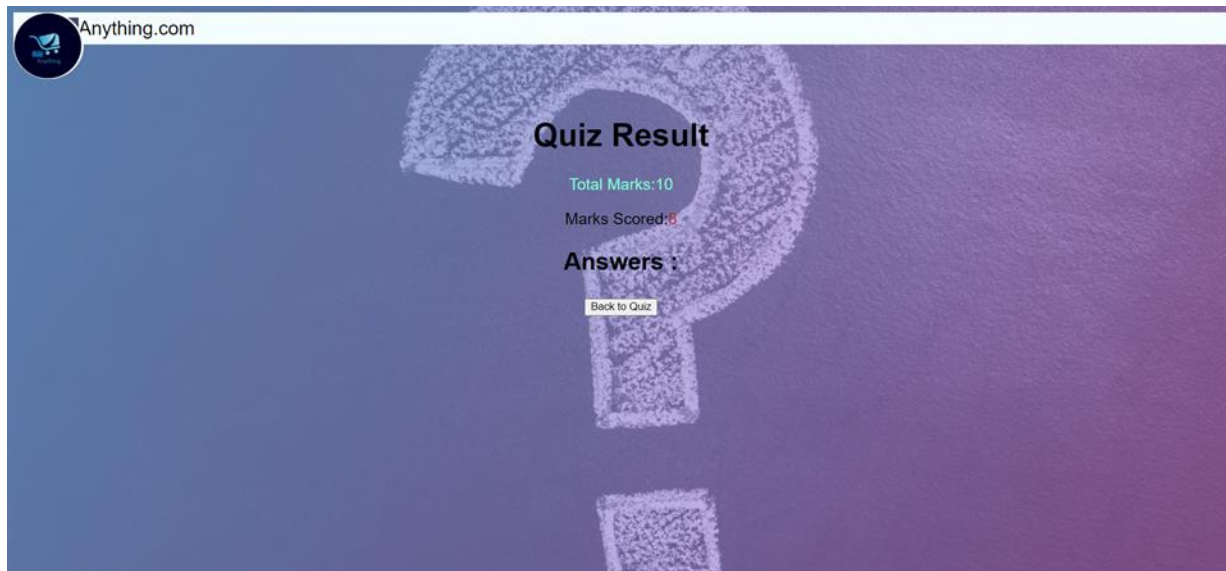
Nethari Jayasinghe: - Student 3

Tasks of Student 3 given in specification followed/attempted.

Buy Products page

The buy product page falls under Categories available on the navigation bar provided by Student 2. There are 5 Categories available are Clothes , Shoes, Porcelain, Stationaries and Food.

For each Category I have made a page for Shirts, Casual, Mugs, Books and Vegetables.

| Shirts: -
Html:-
`<div class="container" id="text">`
    `<div class="items">`
      `<div class="card">`
        `<img src="shirt.png" alt="blue mens shirt" style="width:100%">`
        `<h1>Blue Shirt- Mens</h1>`
        `<p class="price">Rs 700</p>`
        `<p>Comfortable, good quality</p>`
                `<br>`
        `<p><button onclick="totalAmnt1()">Place Order</button></p>`
      `</div>`
      `<br>` | Css:-
body{
        background-color: #fffdeb;
    }

    .card{
        background-color: white;
        box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
        max-width: 300px;
        margin: auto;
        text-align: center;
        font-family: arial;
    }
    .price{ |

38

```
            <br>
        <div class="card">
            <img src="shirt2.png" alt="blue
womens shirt" style="width:100%">
            <h1>Blue Shirt- Womens</h1>
            <p class="price">Rs 700</p>
            <p>Comfortable, good quality</p>
                    <br>
            <p><button
onclick="totalAmnt2()">Place
Order</button></p>
        </div>
    </div>
```

```
            color: grey;
            font-size: 22px;
        }

    .card button {
            border: none;
            outline: 0;
            padding: 12px;
            color: white;
            background-color:#DC552C;
            text-align: center;
            cursor: pointer;
            width: 100%;
            font-size: 18px;
        }

    .card button:hover{
            opacity: 0.7;
            }

    .items{
        display:grid;
                grid-template-columns:1fr
1fr 1fr;
        }
```


Likewise I have made for Casual under Shoes Category, Mugs under Porcelain Category, Books under Stationery Category and Vegetables under Food Category.

Form (in Buy products page): -

This form gathers Information of customer and the shipping address.

```html
Html: -
<form name="informationForm" onsubmit =
"return validateForm();" >
                <legend><b>Enter your
information~ORDER</b><legend>

    <div class="personalInfo">
    <div class="name-cont" >

<label><b>Name:</b></label><br>
                <input type="text" id="name"
name="name"  placeholder="Enter name" />
    </div>
    <div class="email-cont">
        <label><b>Email:</b></label><br>
        <input type="email" id="email"
name="email"
placeholder="ex:name@example.com" />
    </div>
    <div class="phone-cont">
        <label><b>Phone
Number:</b></label><br>
        <input type="text" id="phone"
name="phone"  placeholder="000-000-000"
maxlength="10"/>
    </div>
    <div class="billing-cont">
        <label><b>Address:</b></label><br>
        <input type="text" id="address"
name="address"  placeholder="Enter billing
address" />
    </div>
    </div>


            <p><button class="button"
onclick="validateForm()">Submit</button></p>

  </form>
```

```css
Css: -
    .personalInfo{
    border-style: groove;
        margin:100%;
}

.name-cont:hover{
   margin:15px 8px;
        height:100px;
        background-color:#BDE4F4;

}
#name{
   display:block;
   width:100%;
        height:45px;
        margin-left:10px;
        margin-top:22px;
        padding-left:25px;

}

.name1{
   font-size:18px;
        margin:34px 10px;
        float:left;
}

.email-cont:hover{
   margin:25px 8px;
        height:100px;
        background-color:#BDE4F4;

}
#email{
   display:block;
   width:100%;
        height:45px;
        margin-left:10px;
        margin-top:22px;
        margin-bottom:22px;
        padding-left:25px;
```

```css
}

.phone-cont:hover{
    margin:25px 8px;
        background-color:#BDE4F4;
        height:100px;

}

.phone .email.{
    font-size:18px;
        margin-right:15px;
        margin-left:15px;

}

#phone{
    display:block;
    width:100%;
        height:45px;
        margin-left:10px;
        margin-top:22px;
        padding-left:25px;

}
.billing-cont:hover{
    margin:25px 8px;
        background-color:#BDE4F4;
        height:100px;

}
#address{
    display:block;
    width:100%;
        height:45px;
        margin-left:10px;
        margin-top:22px;
        padding-left:25px;

}
.button {
 border: none;
 color: white;
```

	padding: 15px 32px; text-align: center; text-decoration: none; display: inline-block; font-size: 16px; margin: 4px 2px; cursor: pointer; background-color: #BDE4F4; }

Enter Your Information~ORDER

Name:

Enter Name

Email:

Ex:name@Example.Com

Phone Number:

000-000-000

Address:

Enter Billing Address

Submit

The form also uses JavaScript validtion, It check if there are any missed out information and alerts the customer.

```
Javascript: -
function validateForm() {
            let x = document.forms["informationForm"]["name"].value;
            if (x == "") {
               alert("Name must be filled out");
               return false;
                                                }
                                      let y =
document.forms["informationForm"]["address"].value;
            if (y == "") {
               alert("Address must be filled out");
               return false;
                                                }
                                      let z =
document.forms["informationForm"]["email"].value;
            if (z == "") {
               alert("Email must be filled out");
               return false;
```

```
                        }
                let w=
document.forms["informationForm"]["phone"].value;
            if (w == "") {
                alert("Phone Number must be filled out");
                return false;
            }
        }
```
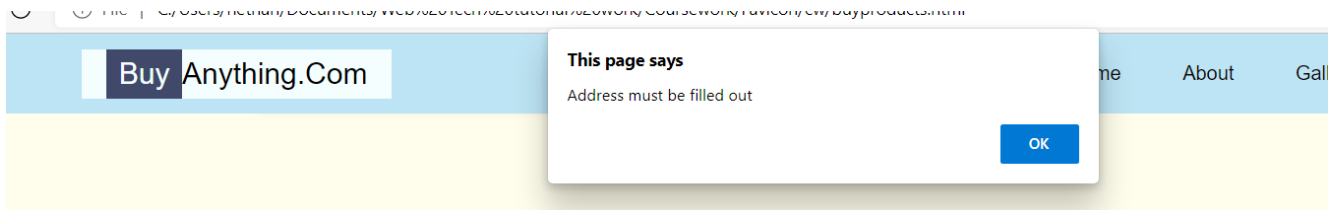

The Place Order buttons are connected with JavaScripts that asks for the points scored in quiz and quantity of the items needed.

The discount and totals are calculated and alerted to the user, a confirm box is also used telling user to submit form. Here we can assume that, if user didn't fill form yet pressed place order, the order will be cancelled since delivery information is not available.

```
function totalAmnt1() {
    let points = prompt("Please enter your marks from quiz");
        let quantity=prompt("Please enter quantity of items you need");
    let discount=points*10;
        let total=700;
        total=(((100-discount)*total)/100)*quantity;
        alert("Dear Customer you have ordered "+quantity+" Blue Mens Shirt, Total: Rs "+total);
        confirm("Make sure you fill the form, Payment Method available: Cash on Delivery");
        }

        function totalAmnt2() {
    let points = prompt("Please enter your marks from quiz");
        let quantity=prompt("Please enter quantity of items you need");
    let discount=points*10;
        let total=700;
        total=(((100-discount)*total)/100)*quantity;
        alert("Dear Customer you have ordered "+quantity+" Blue Womens Shirt, Total: Rs "+total);
        confirm("Make sure you fill the form, Payment Method available: Cash on Delivery");
        }
```

totalAmnt1() used with place order button on left product.

totalAmnt2() used with place order button on right product.

Below screenshots are when place order button on left product is pressed.
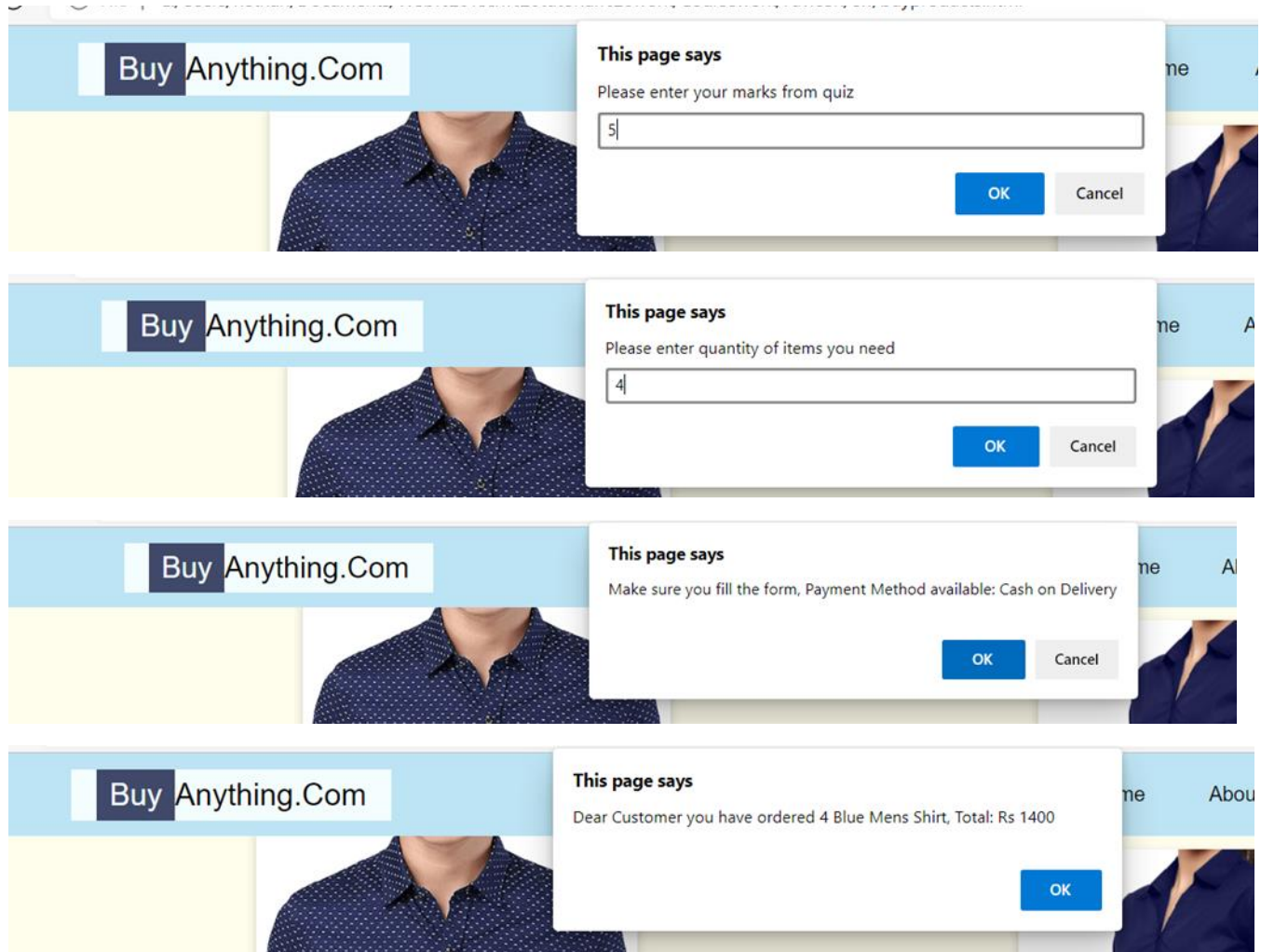
If both products, left and right needed to be bought, you can press buy both button, where the points of quiz and quantity of each item is asked. The discount and total is calculated and alerted to user, a confirm box is also used telling user to submit form.

```
Java script: -
function bothTotal(){
        let points = prompt("Please enter your marks from quiz");
```

```
        let discount=points*10;
        let q1=prompt("Please enter quantity of Mens Blue Shirt you need");
        let q2=prompt("Please enter quantity of Womens Blue Shirt you need");
        let total1=700*q1;
        let total2=700*q2;
        let Total=((100-discount)*(total1+total2))/100;
        alert("Dear Customer you have ordered "+q1+" Blue Mens Shirt and "+q2+" Womens
Blue Shirt, Total: Rs "+Total);
        confirm("Make sure you fill the form, Payment Method available: Cash on Delivery");
        }
```
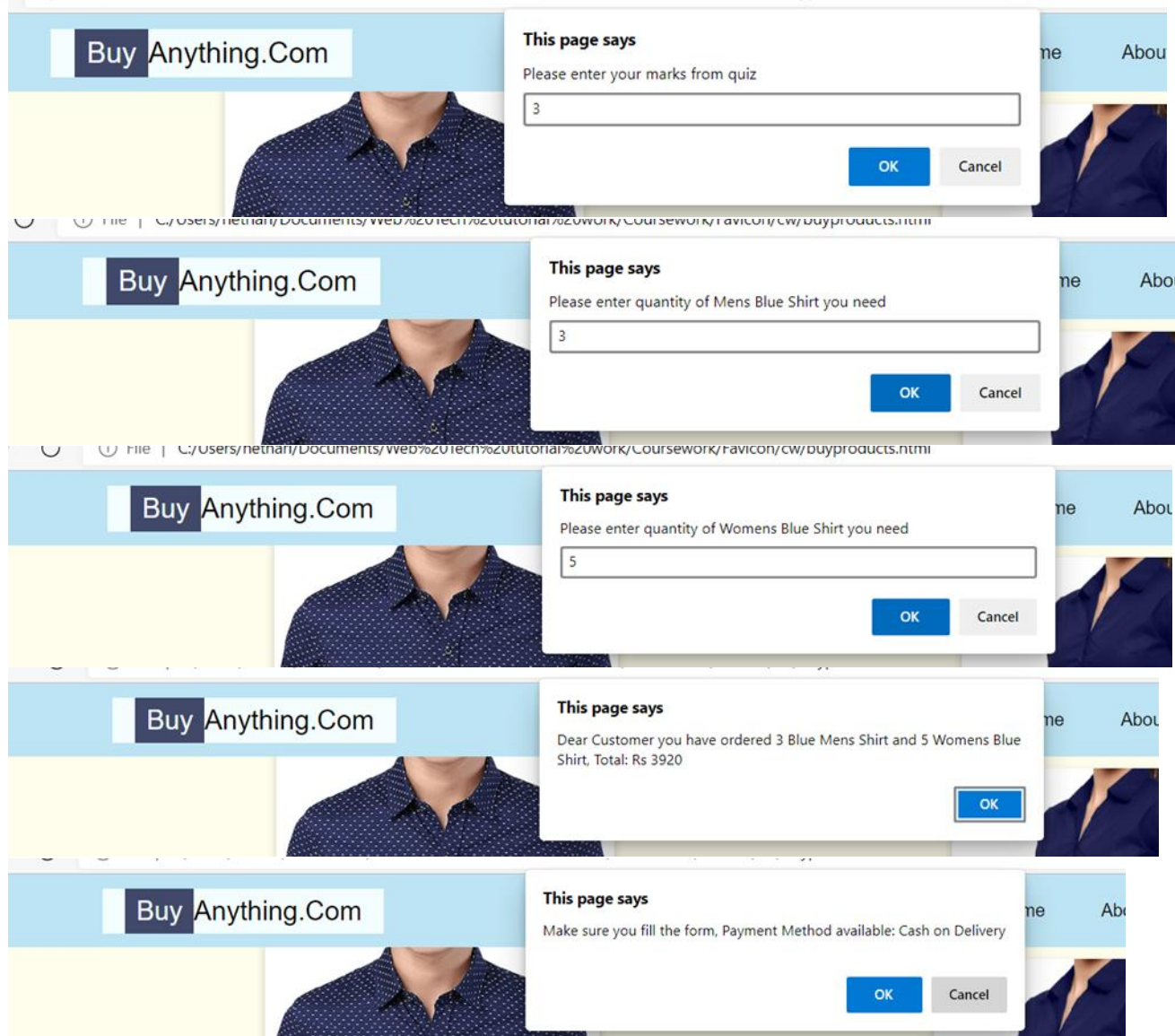

Increase and Decrease button using Javascript: -

Html

```
<div class="buttons">
                      <span class="btn active"
onclick="document.getElementById('text').style.fontSize='1em'">A</span>
                      <span
class="btn"onclick="document.getElementById('text').style.fontSize='1.25em'">A</span>
                      <span
class="btn"onclick="document.getElementById('text').style.fontSize='1.75em'">A</span>
    </div>
```

Css

```
.container{
          position: relative;
                              display:flex;
                              justify-content:center;
                              align-items:center;
                              width:1200px;
                              flex-direction:column;
                              margin:20px auto;
                              padding:0 20px;

        }
    .container .buttons{
                width:100%;
                display:flex;
                justify-content:flex-end;
                align-items:flex-end;
                margin-bottom:20px;
              }
    .container .buttons .btn{
                    padding:0 10px;

                                              display:inline-flex;
                                              background:#ddd;
                                              color:#fff;
                                              margin-left:10px;
                                              cursor:pointer;

                }
    .container .buttons .btn.active{
                    background:#444;
                }
    .container .buttons .btn:nth-child(2){
                        font-size:1.5em;
                }
```

```css
.container .buttons .btn:nth-child(3){
                font-size:2em;
        }
.container .card{
        font-size:1em;
                color:#444;
    }
```

Javascript

```javascript
let butoons=document.querySelector('.buttons');
        let btn=buttons.querySelectorAll('.btn');
        for(var i=0; i<btn.length; i++){
          btn[i].addEventListener('click',function(){
            let current=document.getElementsByClassName('active');
            current[0].className=current[0].className.replace("active","");
                this.className+="active";
          })
        }
```

A A A

increased font size
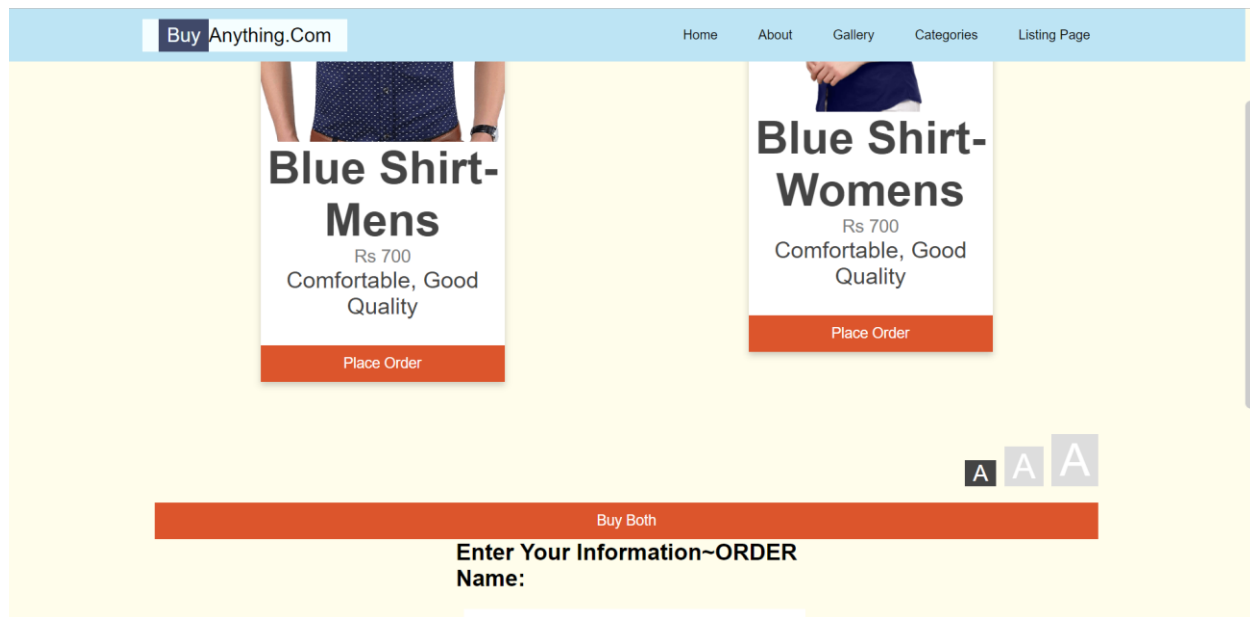
❖ I have additionally added a buy both button, and attempted the calculation of total.

About Us page

The images of the members are aligned one below the other, when mouse hovers over image, the members details appears.

About us page is available on navigation bar.

Html: -	Css: -
`<h1 style="text-align:center">Our Team</h1>` `    ` `   <div class="row" align="center" >` `     <div class="container">` `       <img src="duweeja.jpg" alt="duweeja" class="image" align="center">` `         <div class="overlay">` `           <div class="text">Duweeja De Lima, Student 1</div>` `         </div>` `     </div>` `                  ` `     <div class="container">` `       <img src="tharusha.jpg" alt="tharusha" class="image" align="center">`	`body{` `    background-color: #fffdeb;` `}` `.container {` ` position: relative;` ` width: 50%;` `}` `` `.image {` ` display: block;` ` width: 50%;` ` height: auto;` `` `}` `` `.overlay {`

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```html
        <div class="overlay">
            <div class="text">Tharusha
Jayasekara, Student 2</div>
        </div>
    </div>
                    <br>
    <div class="container">
        <img src="nethari.jpg" alt="nethari"
class="image" align="center">
        <div class="overlay">
            <div class="text">Nethari
Jayasinghe, Student 3</div>
        </div>
                    <br>
    </div>
    <div class="container">
        <img src="induwara.jpg"
alt="induwara" class="image"
align="center">
        <div class="overlay">
            <div class="text">Induwara
Jayasinghe, Student 4</div>
        </div>
                    <br>
    </div>
  </div>
```

```css
 position: absolute;
 bottom: 0;
 left: 0;
 right: 0;
 background-color: #DC552C;
 overflow: hidden;
 width: 0;
 height: 100%;
 transition: .5s ease;
}

.container:hover .overlay {
 width: 100%;
}

.text {
 color: white;
 font-size: 20px;
 position: absolute;
 top: 50%;
 left: 50%;
 -webkit-transform: translate(-50%, -50%);
 -ms-transform: translate(-50%, -50%);
 transform: translate(-50%, -50%);
 white-space: nowrap;
}
.editorsPg{
                        margin-bottom:
15px;
        padding: 4px 12px;
        background-color: #F5FEFF;
        border-left: 6px solid #BDE4F4;
        }
```

Editors page(Common to all Members)

```html
Html:-
<!DOCTYPE html>
<html>
 <head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <title>Editors Page</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="styleEd.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.1/css/all.min.css" integrity="sha512-
+4zCK9k+qNFUR5X+cKL9EIR+ZOhtIloNl9GIKS57V1MyNsYpYcUrUeQc9vNfzsWfV28IaLL3i96P9s
dNyeRssA==" crossorigin="anonymous" />
 </head>
 <body>
  <div class = "about-wrapper">
   <div class = "about-left">
    <div class = "about-left-content">
     <div>
      <div class = "shadow">
       <div class = "about-img">
        <img src = "nethari.jpg" alt = "about image">
       </div>
      </div>
     </div>
```

```html
    <h2>Nethari<br>Jayasinghe</h2>
    <h3>Student 3</h3>
   </div>

   <ul class = "icons">
    <li><i class = "fab fa-facebook-f"></i></li>
    <li><i class = "fab fa-twitter"></i></li>
    <li><i class = "fab fa-linkedin"></i></li>
    <li><i class = "fab fa-instagram"></i></li>
   </ul>
  </div>
 </div>

 <div class = "about-right">
  <h1>hi<span>!</span></h1>
  <h2>Here's who I am & what I do</h2>
  <div class = "about-para">
   <p><b>Name:</b> Nethari Jayasinghe</p>
   <p><b>IIT Student Number:</b> 20210931</p>
           <p><b>RGU Student Number:</b> 2118527</p>
           <p><b>What I do:</b></p>
           <p><b>Made the:</b></p>
           <p>Buy products pages- shirts,shoes,mugs,books,vegetables</p>
           <p>About Us page</p>
           <p>And this Editors page</p>
           <h4><a href="#"><button class="button">Back to Main</button></a>
   </div>
  </div>
 </div>


 </body>
</html>
```

```css
Css: -
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700;800
&display=swap');
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
```

```css
}

body {
    font-family: 'Poppins', sans-serif;
}

.img {
    width: 5.5rem;
    height: 5.2rem;
    border-radius: 50%;
}

.about-wrapper {
    height: 100vh;
}

.about-left {
    background: #BDE4F4;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    height: 100vh;
}

.about-left-content>div {
    background: #BDE4F4;
    padding: 4rem 4rem 2.5rem 5rem;
    text-align: center;
}

.about-left-content {
    box-shadow: 0px 0px 18px -1px rgba(0, 0, 0, 0.39);
    -webkit-box-shadow: 0px 0px 18px -1px rgba(0, 0, 0, 0.39);
    -moz-box-shadow: 0px 0px 18px -1px rgba(0, 0, 0, 0.39);
}

.about-img img {
    display: block;
    width: 200px;
}

.about-img {
    width: 200px;
```

```css
    height: 200px;
    overflow: hidden;
    border-radius: 50%;
    transition: all 0.5s ease-in-out;
}

.shadow {
    margin-left: auto;
    margin-right: auto;
    border-radius: 50%;
    width: 200px;
    height: 200px;
    position: relative;
    cursor: pointer;
}

.shadow::after {
    content: "";
    position: absolute;
    background: rgba(0, 0, 0, 0.4);
    left: 50%;
    transform: translateX(-50%);
    bottom: -20px;
    height: 7px;
    width: 50px;
    filter: blur(3px);
    -webkit-filter: blur(3px);
    opacity: 0;
    transition: all 0.6s ease;
}

.shadow:hover .about-img {
    transform: translateY(-10px);
}

.shadow:hover::after {
    opacity: 1;
}

.about-left-content h2 {
    font-size: 2rem;
    margin: 2.2rem 0 0.6rem 0;
    line-height: 1.2;
    padding-bottom: 1rem;
```

```css
    border-bottom: 2px solid #edffec;
}

.about-left-content h3 {
    text-transform: uppercase;
    font-weight: 300;
    letter-spacing: 5px;
    margin-top: 1.2rem;
}

.icons {
    background: #fff;
    display: flex;
    justify-content: center;
    padding: 0.8rem 0;
}

.icons li {
    list-style-type: none;
    background: #BDE4F4;
    color: #fff;
    width: 40px;
    height: 40px;
    margin: 0 0.5rem;
    border-radius: 50%;
    display: flex;
    justify-content: center;
    align-items: center;
    font-size: 1.2rem;
    cursor: pointer;
    transition: all 0.5s ease-in-out;
}

.icons li:hover {
    background: #edffec;
    color: #000;
}

.about-right {
    background: #fff;
    height: 100vh;
    display: flex;
    flex-direction: column;
    align-items: center;
```

```css
    justify-content: center;
    padding: 0 5rem;
    text-align: center;
}

.about-right h1 {
    font-size: 7rem;
    text-transform: uppercase;
    color: #404969;
}

.about-right h1 span {
    color: #DC552C;
}

.about-right h2 {
    font-weight: 600;
}

.about-btns {
    display: flex;
    margin: 2rem 0;
}

.about-para p {
    font-weight: 300;
    padding: 0.5rem;
    opacity: 0.8;
}

@media screen and (min-width: 992px) {
    .about-wrapper {
        display: grid;
        grid-template-columns: repeat(2, 1fr);
    }
    .about-left {
        position: relative;
    }
    .about-left-content {
        position: absolute;
        right: -50px;
    }
}
.button {
```

```
        background-color: white;
        border: 2px solid #404969;
        color: black;
        padding: 16px 32px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
        font-size: 16px;
        margin: 4px 2px;
        transition-duration: 0.4s;
        cursor: poiters;
        border-radius: 8px;
    }

.button:hover {
        background-color:#404969;
        color: white;
    }
```
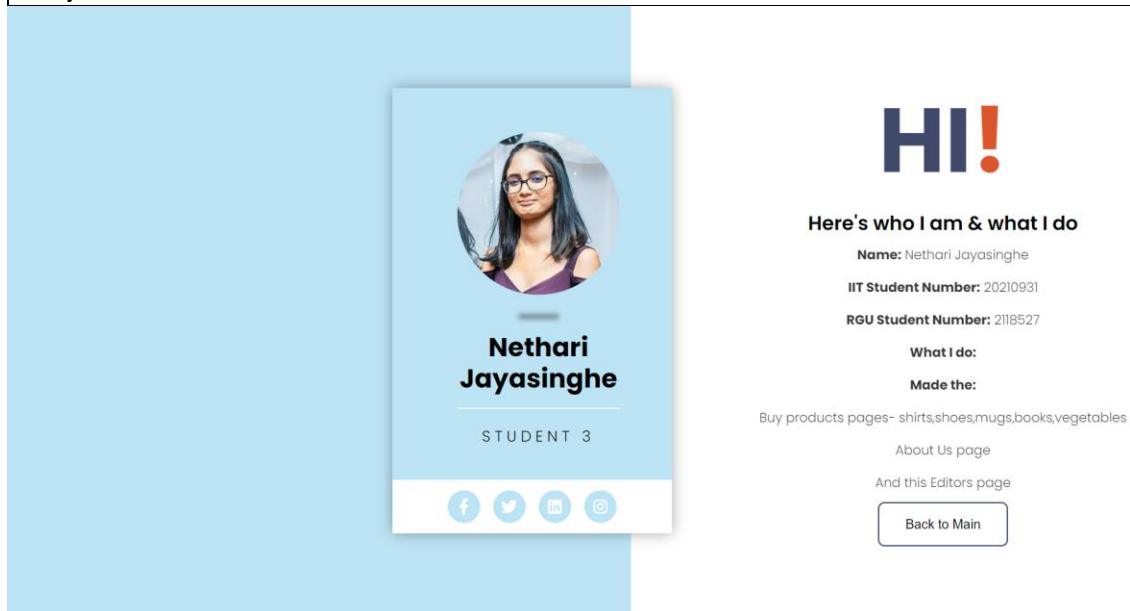

My Editors page link is available below the webpages I created.

Html: -	Css: -
<div class="editorsPg" >	.editorsPg{
Who made this page?Click on "Editors Page".	margin-bottom: 15px;
	padding: 4px 12px;
	background-color: #F5FEFF;

`<p style="font-size:20px;"><a href="Editorspage.html" style="color:red;">Editors Page</a></p>` `    </div>`	`    border-left: 6px solid #BDE4F4;` `    }`

Who Made This Page?Click On "Editors Page".
Editors Page

Induwara Jayasinghe- Student 4

.1) WELL FORMED XML FILE

First task was to create a xml file and make sure that it is validated.

```xml
<?xml version="1.0"?>
<Products>

    <product id = "P1">
            <category>Clothes</category>
            <Item>Shirts</Item>
            <Brand>Under Armour</Brand>
            <Price>$35.00</Price>
            <Description>Men's UA Collegiate National Champions Locker Room T-
Shirt.</Description>
    </product>


    <product id = "P2">
            <category>Clothes</category>
            <Item>Denims</Item>
            <Brand>Diesel</Brand>
            <Price>$118.00</Price>
            <Description>DIESEL JEANS SLEENKER-X L.30.</Description>
    </product>


    <product id = "P3">
            <category>Clothes</category>
            <Item>Frocks</Item>
            <Brand>Polo</Brand>
            <Price>$25.00</Price>
            <Description>Yfashion Women Dress Flower Printed Color Matching Crew-
neck Short-sleeve Long Skirt color.</Description>
```

```
        </product>


    <product id = "P4">
            <category>Clothes</category>
            <Item>Sarees</Item>
            <Brand>Kandiyan</Brand>
            <Price>$34.00</Price>
            <Description>Woven Embellished Kanjivaram Poly Silk Saree (Black and
Grey).</Description>
    </product>


    <product id = "P5">
            <category>Shoes</category>
            <Item>Casual</Item>
            <Brand>Addidas</Brand>
            <Price>$18.00</Price>
            <Description>Adidas black casual shoe for men.</Description>
    </product>


    <product id = "P6">
            <category>Shoes</category>
            <Item>Sports</Item>
            <Brand>Nike</Brand>
            <Price>$20.00</Price>
            <Description>Nike shoes / Nike sport sneakers.</Description>
    </product>


    <product id = "P7">
            <category>Shoes</category>
            <Item>Office</Item>
            <Brand>Prada</Brand>
            <Price>$27.00</Price>
            <Description>Men's Formal Footwear.</Description>
    </product>


    <product id = "P8">
            <category>Shoes</category>
            <Item>Dancing</Item>
            <Brand>Heel</Brand>
            <Price>$19.00</Price>
```

```xml
            <Description>Women Ladies Rumba Waltz Prom Ballroom Latin Salsa
Dancing Singles Leather Shoes.</Description>
    </product>



    <product id = "P9">
            <category>Crafts</category>
            <Item>Mugs</Item>
            <Brand>No Brand</Brand>
            <Price>$3.00</Price>
            <Description>Anniversary mug Gift Mug Heart Mug wedding
mug.</Description>
    </product>


    <product id = "P10">
            <category>Crafts</category>
            <Item>Watches</Item>
            <Brand>Realme</Brand>
            <Price>$26,00</Price>
            <Description>Realme Watch 2 Pro smartwatch with large 1.75" display
and dual GPS positioning system.</Description>
    </product>


    <product id = "P11">
            <category>Crafts</category>
            <Item>Bags</Item>
            <Brand>Adidas</Brand>
            <Price>$10.00</Price>
            <Description>Stylish Double Shoulder Backpack/ Bag.</Description>
    </product>


    <product id = "P12">
            <category>Crafts</category>
            <Item>Pots</Item>
            <Brand>No Brand</Brand>
            <Price>$12.00</Price>
            <Description>MITSHU 7 Pcs Non Stick Cookware Set with Glass Lids
Aluminum Stainless Steel Base.</Description>
    </product>
```

```
    <product id = "P13">
            <category>Stationaries</category>
            <Item>Books</Item>
            <Brand>Promate</Brand>
            <Price>$2.00</Price>
            <Description>ProMate CR Book Square Ruled 160Pgs.</Description>
    </product>


    <product id = "P14">
            <category>Stationaries</category>
            <Item>Plates</Item>
            <Brand>Royale Foam</Brand>
            <Price>$20.00</Price>
            <Description>Dinning plate.</Description>
    </product>


    <product id = "P15">
            <category>Stationaries</category>
            <Item>Pens</Item>
            <Brand>Atlas</Brand>
            <Price>$1.00</Price>
            <Description>Atlas Cool Pen - [ 10 PCS ].</Description>
    </product>


    <product id = "P16">
            <category>Stationaries</category>
            <Item>Cases</Item>
            <Brand>LumiParty</Brand>
            <Price>$2.00</Price>
            <Description>LumiParty 3-Layer Pencil Case Big Capacity Waterproof
Zipper Pen Bag Pouch School Stationery Supply.</Description>
    </product>



</Products>
```

.2) READ AND DISPLAY DATA IN XML FILE WITH USING CSS

I used JavaScript to read the xml data with the help forEach function and display the information from creating a table.

Table headings →

```
<table style="float: left; width: 80%;" id="products" class="table">
        <thead>
          <tr
            style="background-color: #fff; padding: 30px; color: #000; font-
size: medium;"
          >
            <th>Category</th>
            <th>Item</th>
            <th>Brand</th>
            <th>Price</th>
            <th>Description</th>
          </tr>
        </thead>
        <tbody></tbody>
```

```
        </table>
```

Reading xml data and creating table →

```
    <script>

    function xmlData() {
      let xmlContent = "";
      let tableproducts = document.getElementById("products");
      fetch("products.xml").then((response) => {
        response.text().then((xml) => {
          xmlContent = xml;

          let parser = new DOMParser();
          let xmlDOM = parser.parseFromString(xmlContent, "application/xml");
          let products = xmlDOM.querySelectorAll("product");

          products.forEach((productXmlNode) => {
            let row = document.createElement("tr");

            //Category
            let td = document.createElement("td");
            td.innerText = productXmlNode.children[0].innerHTML;
            row.appendChild(td);

            //Item
            td = document.createElement("td");
            td.innerText = productXmlNode.children[1].innerHTML;
            row.appendChild(td);

            //Brand
            td = document.createElement("td");
            td.innerText = productXmlNode.children[2].innerHTML;
            row.appendChild(td);

            //Price
            td = document.createElement("td");
            td.innerText = productXmlNode.children[3].innerHTML;
            row.appendChild(td);

            //Description
            td = document.createElement("td");
            td.innerText = productXmlNode.children[4].innerHTML;
```

```
        row.appendChild(td);

        tableproducts.children[1].appendChild(row);
      });
    });
  });
}
```

OUTPUT →

Category	Item	Brand	Price	Description
Clothes	Shirts	Under Armour	$35.00	Men's UA Collegiate National Champions Locker Room T-Shirt.
Clothes	Denims	Diesel	$118.00	DIESEL JEANS SLEENKER-X L.30.
Clothes	Frocks	Polo	$25.00	Yfashion Women Dress Flower Printed Color Matching Crew-Neck Short-Sleeve Long Skirt Color.
Clothes	Sarees	Kandiyan	$34.00	Woven Embellished Kanjivaram Poly Silk Saree (Black And Grey).
Shoes	Casual	Addidas	$18.00	Adidas Black Casual Shoe For Men.
Shoes	Sports	Nike	$20.00	Nike Shoes / Nike Sport Sneakers.
Shoes	Office	Prada	$27.00	Men's Formal Footwear.
Shoes	Dancing	Heel	$19.00	Women Ladies Rumba Waltz Prom Ballroom Latin Salsa Dancing Singles Leather Shoes.
Crafts	Mugs	No Brand	$3.00	Anniversary Mug Gift Mug Heart Mug Wedding Mug.
Crafts	Watches	Realme	$26,00	Realme Watch 2 Pro Smartwatch With Large 1.75" Display And Dual GPS Positioning System.
Crafts	Bags	Adidas	$10.00	Stylish Double Shoulder Backpack/ Bag.
Crafts	Pots	No Brand	$12.00	MITSHU 7 Pcs Non Stick Cookware Set With Glass Lids Aluminum Stainless Steel Base.
Stationaries	Books	Promate	$2.00	ProMate CR Book Square Ruled 160Pgs.
Stationaries	Plates	Royale Foam	$20.00	Dinning Plate.
Stationaries	Pens	Atlas	$1.00	Atlas Cool Pen - [10 PCS].
Stationaries	Cases	LumiParty	$2.00	LumiParty 3-Layer Pencil Case Big Capacity Waterproof Zipper Pen Bag Pouch School Stationery Supply.

Additional: I also add and button to read the xml file.

Button →

```css
.Subsbutton {
        background-color: white;
        border: 2px solid red;
        color: black;
        padding: 16px 32px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
        font-size: 16px;
        margin: 4px 2px;
```

```
        transition-duration: 0.4s;
        cursor: poiters;
        border-radius: 8px;
    }

    .Subsbutton:hover {
        background-color: #f44336;
        color: white;
    }
```

```
<button
        class="Subsbutton"
        style="float: right;"
        onclick="xmlData()"
    >
        Read Xml
    </button>
```

Output →

.4) BACKGROUND COLOR AND TEXT COLOR CHANGE OPTION

The next task was to give the user the option to change the colour of the
background. Because of the specification I had to construct a pulldown menu to
provide this functionality. The code below is the code used to create the pulldown
menus.

```
function backgroundColor() {
        selectElement = document.querySelector("#bcolor");
        output = selectElement.value;
```

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```
        document.body.style.backgroundColor = output;
      }

      function TextColor() {
        selectElement = document.querySelector("#txtcolor");
        output = selectElement.value;
        document.body.style.color = output;
      }
```

```
<div  class="article" style="vertical-align: middle;">
        <p>Change the backgroung color from here</p>
        <select class="selectbox" id="bcolor" onChange="backgroundColor()">
          <option value="red">Red</option>
          <option value="white">white</option>
          <option value="green">Green</option>
          <option value="aqua">Aqua</option>
        </select>
        <br />

        <p>Change the Text color from here</p>
        <select class="selectbox" id="txtcolor" onChange="TextColor()">
          <option value="red">Red</option>
          <option value="white">White</option>
          <option value="black">Black</option>
          <option value="green">Green</option>
        </select>
      </div>
```

Output →

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.5) SUBSCRIPTION FORM FOR NEWSLETTER

When going through the procedure of newsletter task I had considerable sub tasks to complete.

- **Creating the form**

    For this part I referenced W3schools CSS Forms and was able to create the form creatively.

```html
<div class="formstyle">
    <form id="theform" action="mailto:someone@example.com" method="post">
      <label for="fname">First name:</label><br />
      <input class="input" type="text" id="fname" name="fname" /><br /><br />
      <label for="lname">Last name:</label><br />
      <input class="input" type="text" id="lname" name="lname" /><br /><br />
      <label for="email">E-mail address:</label><br />
      <input class="input" type="email" id="email" name="email" /><br /><br />
      <label for="tel">Telephone Number:</label><br />
      <input class="input" type="number" id="tel" name="tel" /><br /><br />
      <label for="address">Current Address:</label><br />
      <input
        class="input"
        type="text"
        id="address"
        name="address"
      /><br /><br />
      <button class="Subsbutton" onclick="formValidation()">SUBMIT</button>
    </form>
```

Output →

- **Checking Validity**

  When checking the validity, I needed to check whether all the field are filled and whether the e mail is valid or not.

```javascript
function formValidation() {
    let greeting;
    let x = document.forms["theform"]["fname"].value;
    let y = document.forms["theform"]["lname"].value;
    let z = document.forms["theform"]["address"].value;
    let w = document.forms["theform"]["email"].value;
    let k = document.forms["theform"]["tel"].value;

    if (x == "") {
        alert("Name must be filled out");
        return false;
    } else if (y == "") {
        alert("Name must be filled out");
        return false;
    } else if (z == "") {
```

```
        alert("Address must be filled out");
        return false;
      } else if (w == "") {
        alert("Email must be filled out");
        return false;
      } else if (k == "") {
        alert("Phone Number must be filled out");
        return false;
      } else {
        alert(
          "Dear " +
            fname.value +
            ",You have Successfully subscribed for a personalized newsletter"
        );
      }
    }
  </script>
```

Output →

- **Submit button**

    Same as the xml read button except this has the functionality of sending the mail.

```
<button class="Subsbutton" onclick="formValidation()">SUBMIT</button>
```

Output →
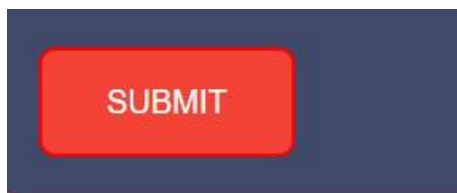
- **Alert Messege**

    This needed to happen with the help of JavaScript for this alert need to be executed only if the user filled the form correctly. Therefore, I used "if", "else if" and "else" for this task.

```
if (x == "") {
        alert("Name must be filled out");
```

```
    return false;
  } else if (y == "") {
    alert("Name must be filled out");
    return false;
  } else if (z == "") {
    alert("Address must be filled out");
    return false;
  } else if (w == "") {
    alert("Email must be filled out");
    return false;
  } else if (k == "") {
    alert("Phone Number must be filled out");
    return false;
  } else {
    alert(
      "Dear " +
        fname.value +
        ",You have Successfully subscribed for a personalized newsletter"
    );
  }
```

Output →

.6) SENDING THRU E MAIL

For this part there is no output since it is a functionality that happens without showing any output.

```html
<form id="theform" action="mailto:someone@example.com" method="post">
```

4. Discussion of UX/UI principles/Applications/Justifications

4.1 Navigation Techniques

Our Navigation bar is easy to understand. The user can move from page to page smoothly.

The navigation bar structure we used is a standard horizontal menu, at the header of each page.

The navigation bar consists of Home, Gallery, Categories, About Us and Listing page. Categories are broken into more item and are provided by a drop down.

```
16        <!-- Navigation -->
17        <header>
18            <nav>
19                <div class="wrapper">
20                    <!-- Logo -->
21                    <div class="logo"><span>buy</span>Anything.com</div>
22                    <!-- Menu Show & Close Radios -->
23                    <input type="radio" name="slide" id="show-mbtn">
24                    <input type="radio" name="slide" id="close-mbtn">
25                    <!-- Sub Menu Items Show & Hide Checkboxes -->
26                    <input type="checkbox" name="service" id="service">
27                    <input type="checkbox" name="categories" id="categories">
28                    <!-- Menu Items -->
29                    <ul class="nav-links">
30                        <li><a href="Home.html">Home</a></li>
31                        <li><a href="au.html">About</a></li>
32                        <li><a href="#">Gallery</a></li>
33                        <li><a href="#"><label for="categories">Categories</label></a>
```

```
Css-
            * {
                padding: 0;
                margin: 0;
                box-sizing: border-box;
                font-family: 'Roboto', sans-serif;
                outline: none;
                border: none;
                text-decoration: none;
                text-transform: capitalize;
                transition: .2s linear;
            }

            img,
            ion-icon,
```

```css
button,
a {
    display: block;
}

span {
    display: inline-block;
}

html {
    font-family: "Poppins", sans-serif;
    overscroll-behavior: contain;
}

input {
    display: block;
    width: 100%;
    font: inherit;
}

input::placeholder {
    font: inherit;
}

body {
    background: var(--white);
}

a {
    text-decoration: none;
}

li {
    list-style: none;
}

button {
    background: none;
    font: inherit;
    border: none;
    cursor: pointer;
}

img,
ion-icon,
button,
a {
    display: block;
```

```css
    }

    span {
      display: inline-block;
    }

    html {
      font-family: "Poppins", sans-serif;
      -ms-scroll-chaining: none;
      overscroll-behavior: contain;
    }

    input {
      display: block;
      width: 100%;
      font: inherit;
    }

    input::-webkit-input-placeholder {
      font: inherit;
    }

    input::-moz-placeholder {
      font: inherit;
    }

    input:-ms-input-placeholder {
      font: inherit;
    }

    input::-ms-input-placeholder {
      font: inherit;
    }

    input::placeholder {
      font: inherit;
    }

    body {
      background: var(--white);
    }
    /**
* scrollbar style
*/

    body::-webkit-scrollbar {
      width: 15px;
    }
```

```css
                    body::-webkit-scrollbar-track {
                      background: var(--white);
                      border-left: 1px solid var(--cultured);
                    }

                    body::-webkit-scrollbar-thumb {
                      background: hsl(0, 0%, 80%);
                      border: 3px solid var(--white);
                      -webkit-border-radius: 10px;
                      border-radius: 10px;
                    }

                    body::-webkit-scrollbar-thumb:hover {
                      background: hsl(0, 0%, 70%);
                    }
                    /**
* scrollbar style
*/

                    body::-webkit-scrollbar {
                      width: 15px;
                    }

                    body::-webkit-scrollbar-track {
                      background: var(--white);
                      border-left: 1px solid var(--cultured);
                    }

                    body::-webkit-scrollbar-thumb {
                      background: hsl(0, 0%, 80%);
                      border: 3px solid var(--white);
                      border-radius: 10px;
                    }

                    body::-webkit-scrollbar-thumb:hover {
                      background: hsl(0, 0%, 70%);
                    }

                    html {
                      font-size: 100%;
                      overflow-x: hidden;
                      scroll-padding-top: 7.5rem;
                      scroll-behavior: smooth;
                    }

                    html::-webkit-scrollbar {
                      width: 1rem;
```

```css
}

html::-webkit-scrollbar-track {
  background: var(--white-color);
}

html::-webkit-scrollbar-thumb {
  background: var(--black-color);
  border-radius: 5rem;
}
/* ----Common---- */

a {
  text-decoration: none;
  color: #070707;
}

li {
  list-style: none;
  font-size: 1rem;
}
/* Navigation */

nav {
  background-color: #BDE4F4;
  position: fixed;
  width: 100%;
  z-index: 999;
  height: 65px;
  line-height: 65px;
}

nav .wrapper {
  max-width: 1250px;
  margin: auto;
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 0 30px;
}
/* Logo */

.wrapper .logo {
  font-size: 1.5rem;
  background-color: #F5FEFF;
  height: 40px;
  line-height: 40px;
  padding: 0 20px;
```

```css
}

.logo span {
  background-color: #404969;
  color: #F5FEFF;
  padding: 0 10px;
}
/* Menu Items */

.wrapper .nav-links {
  display: flex;
  justify-content: center;
  align-items: center;
}

.nav-links>li {
  padding: 0 25px;
}

.nav-links>li>a {
  transition: all 0.3s ease-in;
}

.nav-links>li>a:hover {
  padding-bottom: 5px;
  border-bottom: 2px #F5FEFF solid;
}
/* Drop Down Menu */

.nav-links .drop {
  background-color: #BDE4F4;
  width: 150px;
  line-height: 50px;
  position: absolute;
  transition: all 0.3s ease-in;
  /* Hidden */
  opacity: 0;
  visibility: hidden;
}

.drop li a {
  width: 100%;
  padding-left: 20px;
  display: block;
  font-size: 0.9rem;
  transition: all 0.3s ease-in;
}
```

```css
.drop li a:hover {
  background-color: #404969;
}

.nav-links>li:hover .drop {
  opacity: 1;
  visibility: visible;
}
/* Mega Menu */

.nav-links .mega-box {
  width: 100%;
  position: absolute;
  left: 0;
  transition: all 0.3s ease-in;
  /* Hidden */
  opacity: 0;
  visibility: hidden;
}

.mega-box .content {
  background-color: #BDE4F4;
  display: flex;
  justify-content: space-evenly;
  padding: 25px 50px;
}

.content .row {
  width: calc(20% - 30px);
  line-height: 50px;
}

.row img {
  max-width: 250px;
  min-width: 170px;
  width: 100%;
  height: 100%;
  object-fit: contain;
}

.row header {
  color: #F5FEFF;
  font-size: 1rem;
  border-bottom: 1px solid #F5FEFF;
}

.row .mega-links li a {
  font-size: 0.9rem;
```

```css
      width: 100%;
      display: block;
      padding-left: 20px;
      transition: all 0.3s ease-in;
   }

   .row .mega-links li a:hover {
      background-color: #404969;
   }

   .nav-links>li:hover .mega-box {
      opacity: 1;
      visibility: visible;
   }
   /* Menu Show & Hide */

   input {
      display: none;
   }

   label {
      cursor: pointer;
   }

   .mbtn {
      position: absolute;
      right: 5%;
      top: 2%;
      display: none;
   }

   label i {
      color: #F5FEFF;
      font-size: 1.1rem;
      cursor: pointer;
   }
   /* ----Responsive---- */

   @media(max-width: 1000px) {
      /* Logo */
      .wrapper .logo {
         position: fixed;
         top: 12px;
      }
      /* Menu Items */
      .wrapper .nav-links {
         position: fixed;
         background-color: #404969;
```

```css
    height: 100vh;
    width: 100%;
    max-width: 350px;
    display: block;
    top: 0;
    left: -100%;
    line-height: 70px;
    overflow-y: auto;
    transition: all 0.3s ease-in;
}
.nav-links>li {
    margin: 15px 10px;
}
.nav-links>li>a {
    padding: 0 20px;
    display: block;
    font-size: 1.1rem;
}
/* Drop Down & Mega menu */
.nav-links .drop,
.nav-links .mega-box {
    position: static;
    opacity: 1;
    visibility: visible;
    padding-left: 20px;
    width: 100%;
    /* Hidden */
    max-height: 0;
    overflow: hidden;
}
#service:checked~.nav-links .drop,
#categories:checked~.nav-links .mega-box {
    max-height: 100%;
}
.mega-box .content {
    flex-direction: column;
}
.content .row {
    width: 100%;
}
/* Menu Show & Hide */
.sbtn {
    display: block;
}
#show-mbtn:checked~.nav-links {
    left: 0;
}
#show-mbtn:checked~.sbtn {
```

```css
      display: none;
    }
    #show-mbtn:checked~.cbtn {
      display: block;
    }
    -text h2 {
      font-size: 20px;
    }
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }
    /* Whole Doc */
    body {
      height: 100vh;
      display: flex;
      justify-content: center;
      align-items: center;
      background-color: #F5FEFF;
    }
    /*--------------------------------*\
      #BANNER
    \*--------------------------------*/
    .banner {
      margin: 30px 0;
    }
    .slider-container {
      display: -webkit-box;
      display: -webkit-flex;
      display: -ms-flexbox;
      display: flex;
      -webkit-box-align: center;
      -webkit-align-items: center;
      -ms-flex-align: center;
      align-items: center;
      gap: 10px;
      -webkit-border-radius: var(--border-radius-md);
      border-radius: var(--border-radius-md);
      overflow: auto hidden;
      -webkit-scroll-snap-type: inline mandatory;
      -ms-scroll-snap-type: inline mandatory;
      scroll-snap-type: inline mandatory;
      overscroll-behavior-inline: contain;
    }
    .slider-item {
      position: relative;
      min-width: 100%;
```

```css
      max-height: 450px;
      aspect-ratio: 1 / 1;
      -webkit-border-radius: var(--border-radius-md);
      border-radius: var(--border-radius-md);
      overflow: hidden;
      scroll-snap-align: start;
    }
    .slider-item .banner-img {
      width: 100%;
      height: 100%;
      -o-object-fit: cover;
      object-fit: cover;
      -o-object-position: right;
      object-position: right;
    }
    .banner-content {
      background: hsla(0, 0%, 100%, 0.8);
      position: absolute;
      bottom: 25px;
      left: 25px;
      right: 25px;
      padding: 20px 25px;
      -webkit-border-radius: var(--border-radius-md);
      border-radius: var(--border-radius-md);
    }
    .banner-subtitle {
      color: var(--salmon-pink);
      font-size: var(--fs-7);
      font-weight: var(--weight-500);
      text-transform: capitalize;
      letter-spacing: 2px;
      margin-bottom: 10px;
    }
    .banner-title {
      color: var(--eerie-black);
      font-size: var(--fs-1);
      text-transform: uppercase;
      line-height: 1;
      margin-bottom: 10px;
    }
    .banner-text {
      display: none;
    }
    .banner-btn {
      background: var(--salmon-pink);
      color: var(--white);
      width: -webkit-max-content;
      width: -moz-max-content;
```

```css
      width: max-content;
      font-size: var(--fs-11);
      font-weight: var(--weight-600);
      text-transform: uppercase;
      padding: 4px 10px;
      -webkit-border-radius: var(--border-radius-sm);
      border-radius: var(--border-radius-sm);
      -webkit-transition: var(--transition-timing);
      -o-transition: var(--transition-timing);
      transition: var(--transition-timing);
    }
    .banner-btn:hover {
      background: var(--eerie-black);
    }
}

.features {
   display: flex;
   align-items: center;
   justify-content: space-between;
   padding: 50px;
}

.feature {
   display: flex;
   flex-direction: column;
   align-items: center;
   text-align: center;
}

.featureIcon {
   width: 50px;
   height: 50px;
}

.featureTitle {
   font-size: 20px;
   font-weight: 600;
   margin: 20px;
}

.featureDesc {
   color: gray;
   width: 50%;
   height: 100px;
}

.category .box-container {
```

```css
      display: flex;
      flex-wrap: wrap;
      gap: 1.5rem;
}

.category .box-container .box {
   height: 30rem;
   flex: 1 1 40rem;
   border-radius: .5rem;
   position: relative;
   overflow: hidden;
}

.category .box-container .box img {
   height: 100%;
   width: 100%;
   object-fit: cover;
}

.category .box-container .box:hover img {
   transform: scale(1.1);
}

.category .box-container .content {
   position: absolute;
   bottom: 7rem;
   left: 2rem;
}

.category .box-container .content span {
   font-size: 2rem;
   color: var(--orange);
}

.category .box-container .content h3 {
   font-size: 3rem;
   color: #3337;
   text-transform: uppercase;
   padding-top: .5rem;
}
```
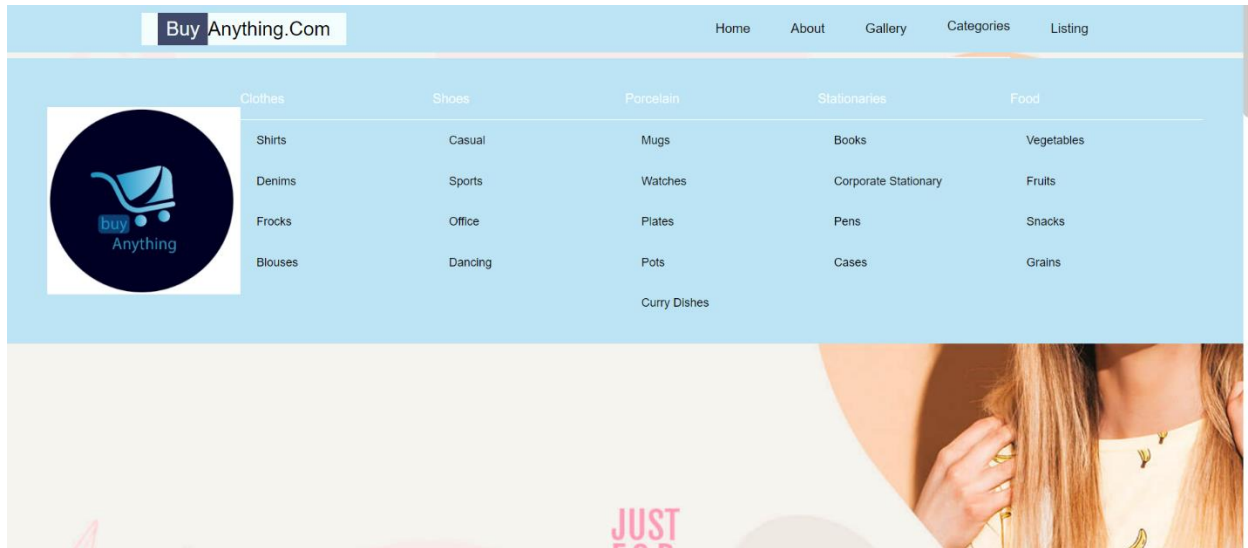
4.2 Color balance/selection/consistency

The pages consist mainly these two colours, #BDE4F4(blue) and #dc552c(orange). Text mainly available in colors of white and black.
Navigation bar consists of colours ,   #BDE4F4(blue) and white text.
Logo consists mainly of shades of blue.
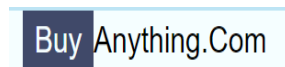
We have made sure to use these colours in our pages appropriately inorder to keep the consistency.
Buy product pages and about us page consist of background-color: #fffdeb(yellow) along with other mentioned colours.

4.2 Color Contrast Test

#dc552c(orange): Used to keep the page energetic and enthusiastic.
#BDE4F4(light shade blue): Used as it is easy/comfortable to the eyes of user, this colour also highlights other colours used in our pages.
#404969(dark shade blue): Signifies the facts that user need to focus on.

The combination used for the navigation bars provides the Colour Contrast Check provided below;

snook.ca

Colour Contrast Check

Date created: January 11, 2005
Date last modified: January 11, 2015

Foreground Colour:	Background Colour:	Results	
# FFFFFF	# BDE4F4	This is example text. Some of it bolded. Some of it italicized.	
Red:	Red:	Brightness Difference: (>= 125)	36.836
Green:	Green:	Colour Difference: (>= 500)	104
Blue:	Blue:	Are colours compliant?	NO
Hue (°):	Hue (°):	Contrast Ratio	1.348
Saturation (%):	Saturation (%):	WCAG 2 AA Compliant	NO
		WCAG 2 AA Compliant (18pt+)	NO
Value (%):	Value (%):	WCAG 2 AAA Compliant	NO
		WCAG 2 AAA Compliant (18pt+)	NO

The combination used for the logo

snook.ca

Colour Contrast Check

Date created: January 11, 2005
Date last modified: January 11, 2015

Foreground Colour:	Background Colour:	Results	
# BDE4F4	# 404969	This is example text. Some of it bolded. Some of it italicized.	
Red:	Red:	Brightness Difference: (>= 125)	144.20
Green:	Green:	Colour Difference: (>= 500)	419
Blue:	Blue:	Are colours compliant?	sort of.
Hue (°):	Hue (°):	Contrast Ratio	6.554
Saturation (%):	Saturation (%):	WCAG 2 AA Compliant	YES
		WCAG 2 AA Compliant (18pt+)	YES
Value (%):	Value (%):	WCAG 2 AAA Compliant	NO
		WCAG 2 AAA Compliant (18pt+)	YES

4.3 Typography / consistency

Sans-serif, Roboto, arial(22px and 18px from notepad++) and default font are some fonts that have been used .
Font sizes small and medium from vscode.
<b> bold option mostly used.
Attention grabbing fonts (like given above) are used where necessary along with the purpose of keeping the user interested.
Using these fonts, font sizes and relevant font colours played a big part of keeping the webpages within a standard level.

```css
.card{
    background-color: white;
    box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
    max-width: 300px;
    margin: auto;
    text-align: center;
    font-family: arial;
}
```

4.4 Accessibility

***

What are the HTML accessibility techniques used in developing website? Relate to following categories, Provide the code snippets related to each category.

- Text Accessibility Techniques: - Images and text used where necessary, it is easy for the user to read and understand.

```html
<h1>Blue Shirt- Mens</h1>
<p class="price">Rs 700</p>
<p>Comfortable, good quality</p>
```

- Image Accessibility Techniques: - source, alt are provided in image tag.

```html
<img src="shirt.png" alt="blue mens shirt" style="width:100%">
```

- Table Accessibility Techniques: - We used tables with the purpose of giving large information to the user in a more organized and distinct

Category	Item	Brand	Price	Description
Clothes	Shirts	Under Armour	$35.00	Men's UA Collegiate National Champions Locker Room T-Shirt.
Clothes	Denims	Diesel	$118.00	DIESEL JEANS SLEENKER-X L.30.
Clothes	Frocks	Polo	$25.00	Yfashion Women Dress Flower Printed Color Matching Crew-Neck Short-Sleeve Long Skirt Color.
Clothes	Sarees	Kandiyan	$34.00	Woven Embellished Kanjivaram Poly Silk Saree (Black And Grey).
Shoes	Casual	Addidas	$18.00	Adidas Black Casual Shoe For Men.
Shoes	Sports	Nike	$20.00	Nike Shoes / Nike Sport Sneakers.
Shoes	Office	Prada	$27.00	Men's Formal Footwear.
Shoes	Dancing	Heel	$19.00	Women Ladies Rumba Waltz Prom Ballroom Latin Salsa Dancing Singles Leather Shoes.
Crafts	Mugs	No Brand	$3.00	Anniversary Mug Gift Mug Heart Mug Wedding Mug.
Crafts	Watches	Realme	$26,00	Realme Watch 2 Pro Smartwatch With Large 1.75" Display And Dual GPS Positioning System.
Crafts	Bags	Adidas	$10.00	Stylish Double Shoulder Backpack/ Bag.
Crafts	Pots	No Brand	$12.00	MITSHU 7 Pcs Non Stick Cookware Set With Glass Lids Aluminum Stainless Steel Base.
Stationaries	Books	Promate	$2.00	ProMate CR Book Square Ruled 160Pgs.
Stationaries	Plates	Royale Foam	$20.00	Dinning Plate.
Stationaries	Pens	Atlas	$1.00	Atlas Cool Pen - [10 PCS].
Stationaries	Cases	LumiParty	$2.00	LumiParty 3-Layer Pencil Case Big Capacity Waterproof Zipper Pen Bag Pouch School Stationery Supply.

- Form Accessibility Techniques: - Label tags and input tags commonly used when creating forms.

```
<label><b>Name:</b></label><br>
<input type="text" id="name" name="name"  placeholder="Enter name" />
div>
```

4.5 Accessibility Test

URLs were not accepted.

4.6 Site Diagram
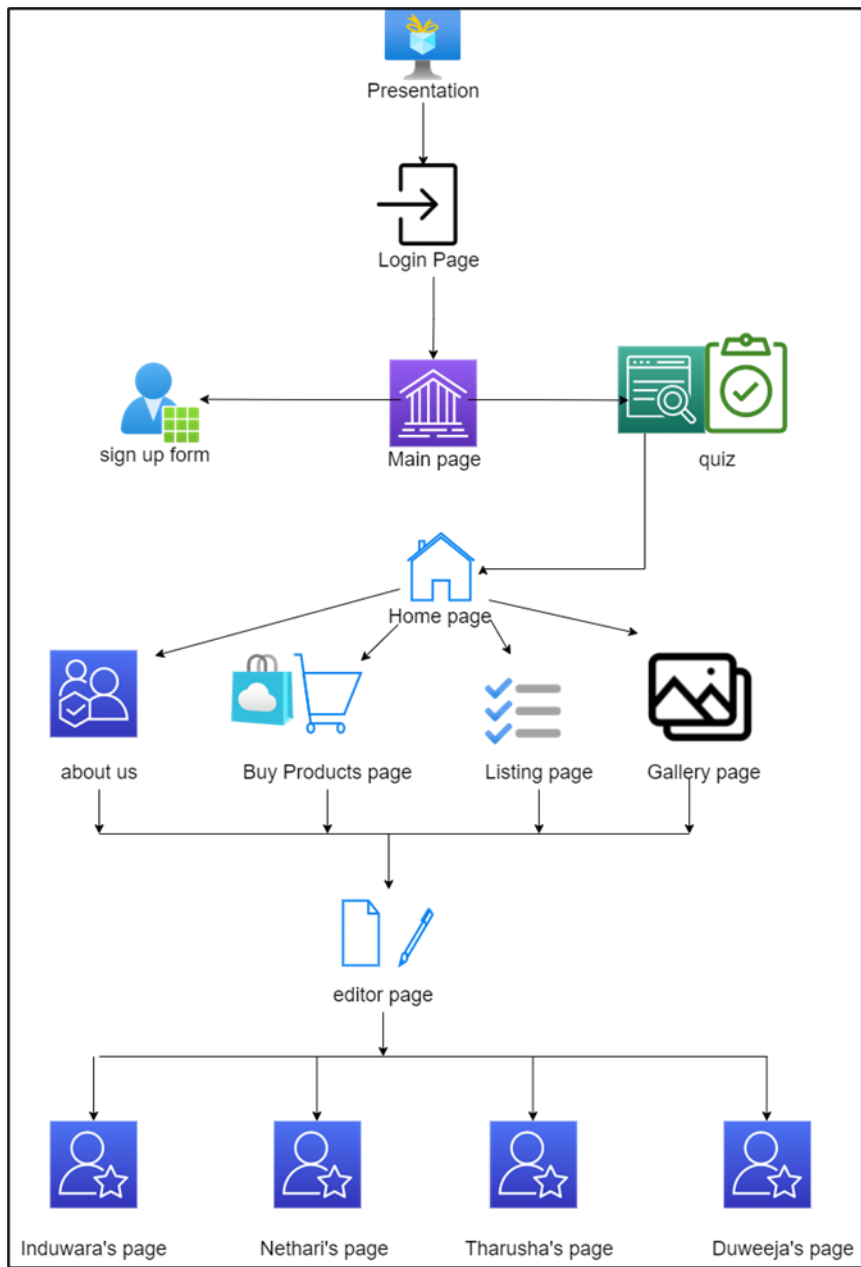
5. Self-Reflection

Duweeja de Lima-Student 02

Our team did a fantastic job in bringing out our website to life. Even though we stumbled upon several barriers in reaching our goals, including power cuts, we were able to fulfill the requirements of this coursework. One other problem we faced was how to keep all our work in sync and slowly build up in a very organized manner.

As website began to take its basic form, we knew that our traditional ways of working on our own and then later integrating would not work. Therefore, we began to have regular meetings on discord where one member codes live while the others send them the code segments of their tasks and together, we would work to integrate the codes.

On a personal note, this project helped us improve our skills and build additional ones too. We were able to work as a team and get a small glimpse into what real Web developers undergo to create a website.

Tharusha Jayasekara-Student 02

Some after the coursework was released, me and my group members met through G meet and read through it together. After thoroughly discussing the specified requirements, we roughly appointed student rules, yet agreed not the make it concrete until the first base of the website was formed. Thereafter, we met regular in GITHUB and began coding live online with the others present. This helped us overcome the issue of having to conduct this group activity online.

Through this group work, we not only managed to better our skills in working as a group but also managed to improve and broaden our knowledge in the field of Web design and development. Should any one of us have an issue or doubt, we were capable of counting on the other members, learning new methods and approaches through listening to their explanations and watching their turn at the live coding sessions.

Nethari Jayasinghe- Student 3

It was definitely hard at first since I wasn't familiar in making webpages and I hadn't worked with my group before in any other activities. We had our meetings through google meet and had several discussions regarding our work since our University is still conducted online.

This group work was surely a great experience, I've learnt a lot about web tech and also other aspects on working with a team. In our team, we shared our thoughts on each other's work and

helped in parts we were facing difficulty in. This made our team strengthen and surely gave a taste on group work when it comes to the industry.

It was a worthwhile experience, it was fun working together and getting to know everyone.

KAVINDU INDUWARA JAYASINGHE: - STUDENT 04

The task at hand was a challenging one given the fact that my team members and I have never met in person

due to the current situation. And also, most of my friends had no proper idea to deal with xml and because of that it took me a very long time to understand how to approach for my task. But with having frequent meetings with the group and watching you tube videos helped me to outcome the situation.

It was most certainly a unique experience as I have previously never been involved with web design.

Therefore, I personally learned a lot from this experience. One of the most important skills I learned through

this experience was learning how to effectively work as a team and how to balance and handle ideas around group members. Prior to this experience I have not worked

on many projects with others, therefore being able to be a part of an experience such as this will certainly

help me in the future. It has also helped me to go through various resources and get a more experienced idea about how to work on projects like this.

But personally, the best achievement that I had during this time was working with my colleagues and have fun at the same time. When considering this time, we spent on the project it is now distinctively clear that it was totally worth it.

6. References

- W3-Schools tutorials on Html, CSS, and JavaScript for basic knowledge and code any form of new
  feature beyond what was taught during lectures.
- favicon.com and teach bee YouTube channel for the basic understanding and structure of an e-commerce site website.
- Other YouTube videos to get help in making gallery page, Java script font size button and more.

Appendix: Screenshots

Duweeja's (Student 01) Screenshots:

Gallery page

The thumbnail will be rotated when the user hover over it.
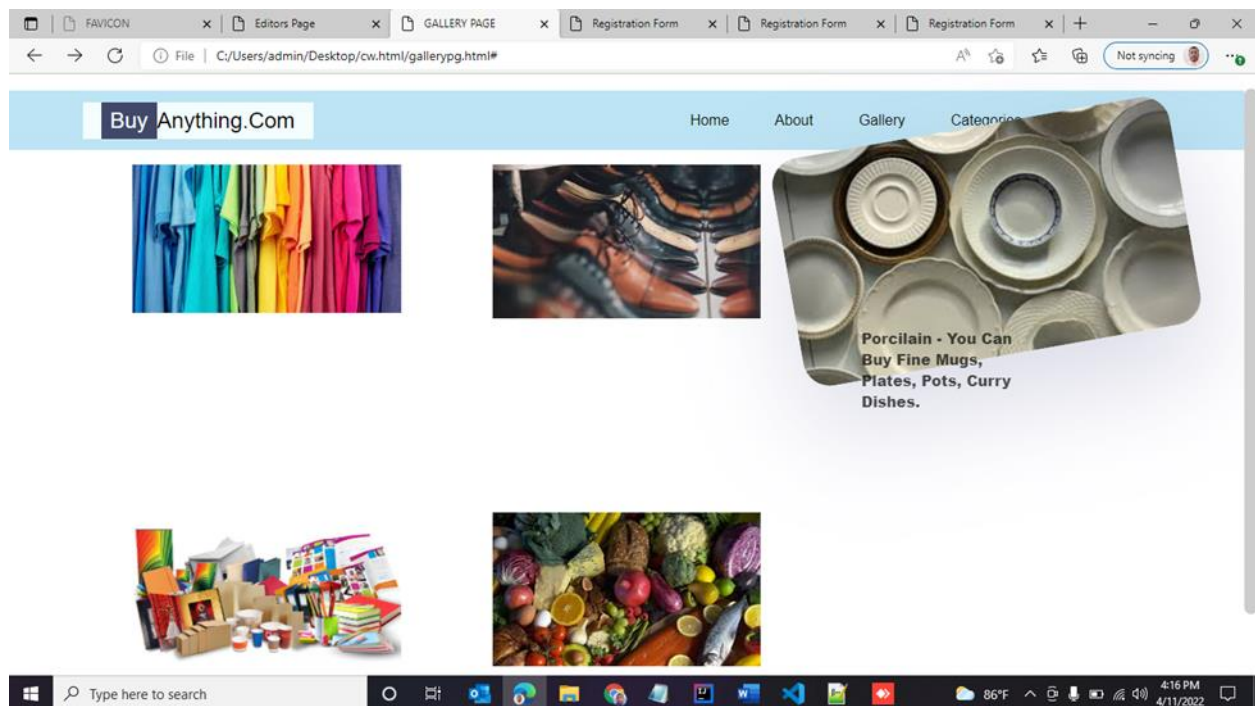
The user can go back to the gallery page using the 'X' in the top right corner.
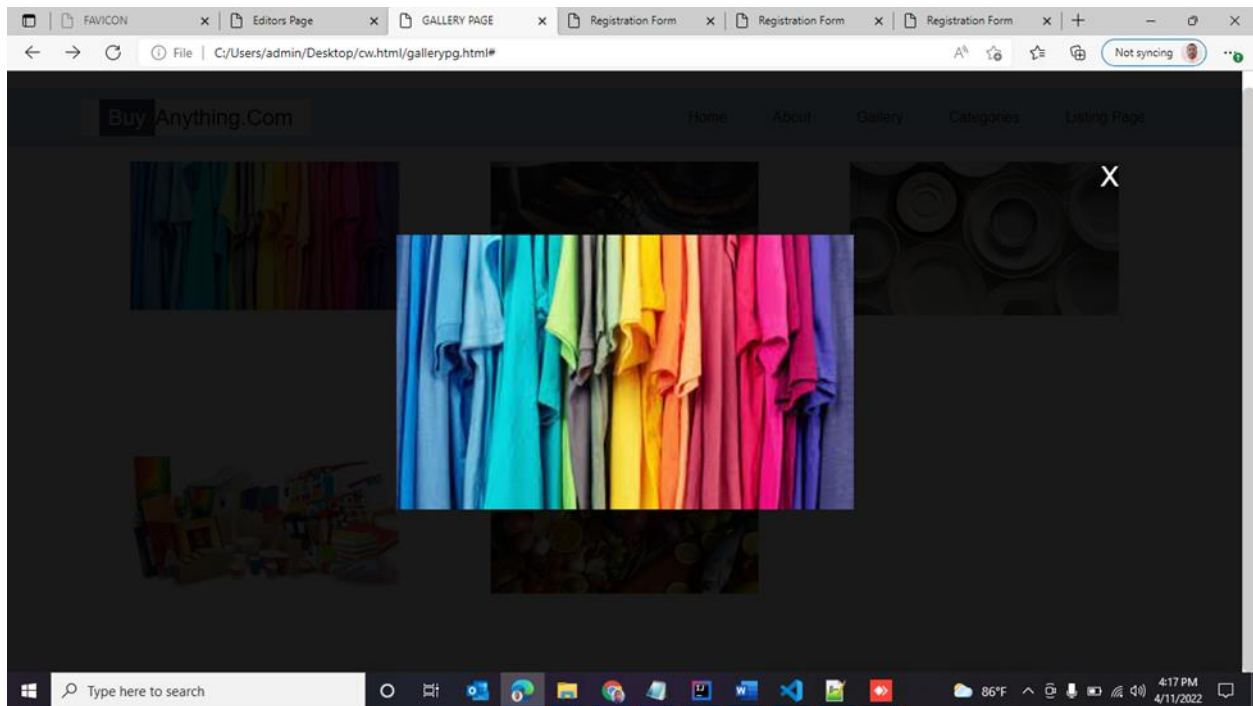
The reset button will allow the user to reset the whole form and will give the chance to refill it.

Tharusha's (Student 02) Screenshots

Home page

Navigation bar

Login form

Quiz page
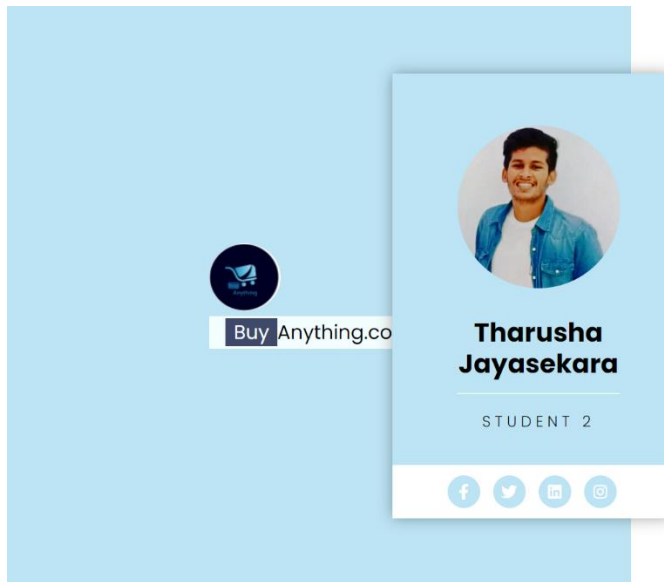
Editor page

Nethari Jayasinghe-(ScreenShots) Student 3

Buy Products Under categories

Clothes

Shirt

Shoes

Casual

Mugs

Stationery

Books

Food

Vegetables

Carrots-500g
Rs 220
Fresh

Place Order

Green Beams-500g
Rs 175
Fresh

Place Order

A A A

Buy Both

Enter Your Information~ORDER
Name:

Enter Name

Email:

Ex:name@Example.Com

Phone Number:

000-000-000

Address:

Enter Billing Address

Submit

Who Made This Page?Click On "Editors Page".
Editors Page

Induwara Jayasinghe- Student 4

Listing Page

Editors Page

Induwara Jayasinghe

STUDENT 4

HI!

Here's who I am & what I do

Role – Student 4
Tasks :
Read and display xml file,
Newsletter subscription Form,
Send Form via E mail.

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Natus iure tempora alias laudantium sapiente impedit!

Back to Main