

Web Design and Development 4COSC011C.3

Report

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Student ID: 20220227 (W1998816)

Group Number: C1

Student Role: Student 1

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01.Introduction

Section guidelines:

a) List of the team members, allocation of tasks (student 1 to 4), and topic of the website.

1.Thisukha de silva = w1998816

2. Janiru Ransith Wickramage = w1998814

3. P. Lathma Sehash Piyathilake = W1954001

4. H.P. Dilsha Devindi Perera = W1998813

b) Include the summary table of your contributions to the group meetings.

1	Date & Time	02 th of July 2023 (Physical)
	Objective:	Read Coursework Specification
	Attended:	All Students
	Your Contribution:	Listing to the specification. While janiru was reading

2	Date & Time	10 th of July 2023 (Physical)
	Objective:	Shared my ideas about the website theme. Picked the student
	Attended:	All Students
	Your Contribution:	Helped with the design by sharing my ideas

3	Date & Time	12 th of July 2023 (Physical)
	Objective:	Talk about home and additional page
	Attended:	All Students
	Your Contribution:	Give some ideas

4	Date & Time	15 th of July 2023 (Physical)
	Objective:	Talk display scale problem
	Attended:	All Students
	Your Contribution:	Shared main navigation bar

5	Date & Time	20 th of July 2023 (online)
	Objective:	Checking the progress
	Attended:	All Students
	Your Contribution:	Created upcoming matches table

02. Technical Discussion

Our group's four members began by assigning each of us four duties. It was simple for us to share tasks at first. My self-assumption was that I was the first student in the room.

The tasks that the first student had to do were,

Student 1 Tasks:

- Presentation Page

- Buy products.

- Page Editor Page

- Extra content page relevant to topic

- Use of provided navigation bar (adapted).

- Addition CSS.

2.1 Presentation Page

To keep the presentation page's focus on the content, I went with a straightforward and uncluttered design. To properly organise the content of the page, I would use semantic HTML elements like "header," "main," "section," and "footer." Additionally, I would use appropriate headings (h1, h2, etc.) to improve accessibility and establish a clear hierarchy for the content. It will then be redirected to the website's main page after four seconds. I am not doing the main page so for me only I liked it to buy products to see whether it is working.

HTML

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <title>Presentation Page</title>
7      <link rel="stylesheet" href="Presentation.css"> <!--Linking to the css part-->
8  </head>
9
10 <!--Main body part-->
11
12 <body>
13
14     <div class="A">
15         <h1 class="Group"> <b> TravelEz </b> </h1><!--Dispalying the name of the web site-->
16         <br>
17         <div class="Names">
18             <ul> <!--Dispaling the students name -->
19                 <li class="B"> <i><b>B.T.N De Silva</b></i></li>
20                 <br>
21                 <li class="B"> <i><b>Janiru Ransith Wickramaga</b></i></li>
22                 <br>
23                 <li class="B"> <i><b>P.Lathma Sehash Piyathilake</b> </i></li>
24                 <br>
25                 <li class="B"> <i><b>H.P Dilsha Devindi Perera</b></i></li>
26             </ul>
27         </div>
28     </div>
29
30     <!--Dispaly the main body part in 4 seconds-->
31     <script>
32         setTimeout(function () {
33             window.location.href = "Buy.html";
34         }, 4000);
35     </script>
36
37 </body>
```

CSS

```
body {  
  background-image: url('images/Sri-Lanka-Heritage-Tour.jpg');  
  background-repeat: no-repeat;  
  background-attachment: fixed;  
  background-size: cover;  
}  
  
.Group {  
  font-family: 'Dancing Script', cursive;  
  font-size: 100px;  
  color: #020202;  
  text-align: center;  
  padding: 0%;  
}  
  
.class {  
  font-family: 'Roboto', sans-serif;  
  font-size: 40px;  
  color: #ffd700;  
  text-align: center;  
  margin-top: 50px;  
}  
  
.Names {  
  font-family: 'Open Sans', sans-serif;  
  font-size: 40px;  
  color: #050505;  
  text-align: center;  
  margin-top: 30px;  
}
```



```

ul {
  margin: 0;
  padding: 0;
  list-style-type: none;
}

.B{
  margin-left: 31%;
  margin-right: 31%;
  background-color: rgba(248, 247, 247, 0.316);
  border-radius: 24px;
}

```

2.2 Buy Products

As usual first wrote document type as usual then dived it to main part head and body. In body create footer in that I created an unordered list and create the footer for the web page After that I create a div class call shop in that I made all by products

For my 1st buy ticket I created a train ticket from Colombo to Kandy it is varied only for one day after all that fill I create a box for selected how many tickets they want and created a box call add to cart

For my 2nd buy ticket I created a train ticket from Kandy to Colombo it is valid only for one day after all that fill, I create a box for selected how many tickets they want and created a box call add to cart

For my 3rd buy ticket I created a train ticket from Colombo to gale it is valid only for one day after all that fill, I create a box for sleeted how many tickets they want and created a box call add to cart

For my 4th buy ticket I created a train ticket from Anuradhapura to Jaffna it is valid only for one day after all that fill, I create a box for selected how many tickets they want and created a box call add to cart

In shopping cart section, it will be showing ticket details and how many tickets you got.

After that created a class info-container in that I created billing information in that is sked to user to input his email and first name and last name and I created java script part to get his

information but unfortunately it didn't work properly because after I entered all it didn't show me that it successful placed that is an error I got in while using in java script other than everything is ok

At last, I create the footer and wrote an unordered list and drop the fb Instagram twitter links to our web page.

For the footer and header, we use same html and css file all 4 student and it was created by student 2.

HTML

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

<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="buy.css">
  <link rel="stylesheet" href="navigation_bar.css">
  <script src="shop.js"></script>
  <title> Book now </title>

</head>

<body>
  <header>
    <div><a href=" ../Main_page/home.html">TravelEz</a></div>
    <nav>
      <ul>
        <li><a href="#">Our Products</a></li>
        <li><a href="#">Quiz</a></li>
        <li><a href="#">Site-Map</a></li>
        <li><a href="#">Feedback</a></li>
        <li><a href="#">About us</a></li>
      </ul>
    </nav>
  </header>
```

```

<div class="shop" id="shop">
  <div class="tickets">
    <div>
      
    </div>

    <div class="ticketinfo">
      <h2 class="product-name"> COLOMBO TO KANDY TICKET</h2>
      <p>Site : Colombo to kandy <br> Ticket Type : Valid for one day only. <br> Entry Time : 7.00 AM to
        8.00pm
        <br><br>
        Restrictions: <br>
        * No Out side food allowed inside the train. <br>
      </p>
      <p class="product-price" data-value="10">$10</p>
      <p>Quantity:</p>
      <input type="number" value="1" min="1" max="30" class="cart-quantity" />
      <!--when cart icon is clicked, it will display product information under shopping cart-->
      <button class="add-to-cart" onclick="validateCart(event)">Add to cart</button>
    </div>
  </div>
</div>

```

```

<div class="tickets">
  <div>
    
  </div>

  <div class="ticketinfo">
    <h2 class="product-name"> KANDY TO BADULLA TICKET</h2>
    <p>Site :kandy to badulla <br> Ticket Type : Valid for one day only. <br> Entry Time : 10.00 AM to
      3.00pm
      <br><br>
      Restrictions: <br>
      * No Out side food allowed inside the train. <br>
    </p>
    <p class="product-price" data-value="12">$12</p>
    <p>Quantity:</p>
    <input type="number" value="1" min="1" max="30" class="cart-quantity" />
    <!--when cart icon is clicked, it will display product information under shopping cart-->
    <button class="add-to-cart" onclick="validateCart(event)">Add to cart</button>
  </div>
</div>

```

```

<div class="tickets">
  <div>
    
  </div>

  <div class="ticketinfo">
    <h2 class="product-name"> COLOMBO TO GALLE TICKET</h2>
    <p>Site : Colombo to Galle <br> Ticket Type : Valid for one day only. <br> Entry Time : 9.00 AM to
      12.00pm
      <br><br>
      Restrictions: <br>
      * No Out side food allowed inside the train. <br>
    </p>
    <p class="product-price" data-value="14">$14</p>
    <p>Quantity:</p>
    <input type="number" value="1" min="1" max="30" class="cart-quantity" />
    <!--when cart icon is clicked, it will display product information under shopping cart-->
    <button class="add-to-cart" onclick="validateCart(event)">Add to cart</button>
  </div>
</div>

```

```

<div class="tickets">
  <div>
    
  </div>

  <div class="ticketinfo">
    <h2 class="product-name"> ANURADHAPURA TO JAFFNA TICKET</h2>
    <p>Site : Colombo to kandy <br> Ticket Type : Valid for one day only. <br> Entry Time : 4.00 AM to 11.00pm<br><br>
    Restrictions: <br>
    * No Out side food allowed inside the train. <br>
    </p>
    <p class="product-price" data-value="10">$10</p>
    <p>Quantity:</p>
    <input type="number" value="1" min="1" max="30" class="cart-quantity" />
    <!--when cart icon is clicked, it will display product information under shopping cart-->
    <button class="add-to-cart" onclick="validateCart(event)">Add to cart</button>
  </div>
</div>

<div class="cartDev">
  <!--Beginning of Shopping cart-->
  <h1 id="shopping-cart">Shopping Cart</h1>
  <!--Holds all details of products added to cart -->
  <div id="invoice-box" class="receipt"></div>
  <!--holds the total price-->
  <div class="invoiceTotal">
    <p id="invoiceTotal"></p>
  </div>

  <hr>

  <div class="info-container" id="info-container">
    <!--breadcrumb-->
    <div class="breadcrumb">
      <p> Billing Information</p>
    </div>
    <!--Content-->
    <div class="address-container">
      <form method="post">
        <h3>Contact Information</h3>

        <!--EMAIL FIELD-->
        <div class="info-field">
          <label for="email">Email </label>
          <input type="email" name="email" id="email" placeholder="Email" />
        </div>

        <!--FIRST NAME-->
        <div class="info-field">
          <label for="f-name">First name</label>
          <input type="text" name="First Name" id="f-name" placeholder="First name" />
        </div>
      </form>
    </div>
  </div>
</div>

```

```

<!--LAST NAME-->
<div class="info-field">
  <label for="l-name">Last name</label>
  <input type="text" name="Surname" id="l-name" placeholder="Last name" />
</div>

<br>

</div>
</div>

<!--button that will direct to information page once clicked-->
<button type="button" class="buy-button" onclick="checkout()">
  CHECKOUT
</button>
<div class="separator"></div>
<!--anchor element links to the top of the page-->
<a href="#shop"><u>Back to top</u></a>

```

```

<footer>
  <p>Follow Us On Our Social Networks</p>
  <ul>
    <li>
      <a href="https://www.facebook.com/">
        
      </a>
    </li>
    <li>
      <a href="https://www.twitter.com/">
        
      </a>
    </li>
    <li>
      <a href="https://www.instagram.com/">
        
      </a>
    </li>
  </ul>
  <p class="editor">
    <a href="#">&#169; By Thisukha de silva </a>
  </p>
  <p class="editor">
    Project by Team TravelEz
  </p>
  <p class="editor" id="copyright">
    &#169; Copyright 2023 - The Team TravelEz
  </p>
</footer>

```

</body>

</html>

CSS

```
html {
  scroll-behavior: smooth;
}

body{
  background-color: black;
  margin-top: 130px;
}

.tickets{
  background-color: black;
  border-radius: 20px;
  width: 900px;
  height: 350px;
  margin-left: 20%;
  margin-right: 20%;
  margin-top: 3%;
  border: 2px solid #9B7538;
  display: flex;
}

h2{
  color: #9B7538;
}

p{
  color: white;
}

.product-img{
  height: 350px;
  width: 500px;
  border-top-left-radius: 17px;
  border-bottom-left-radius: 17px;
}
```

```
}  
.ticketinfo{  
  width: 350px;  
  height: 350px;  
  margin-left: 40px;  
}  
  
.product-name{  
  text-align: center;  
}  
  
#cart-icon {  
  font-size: 28px;  
  cursor: pointer;  
}  
  
.add-to-cart {  
  cursor: pointer;  
  padding: 10px 50px;  
  background-color: #white;  
  border-radius: 20px;  
  color: #black;  
  left: 100px;  
}  
  
.add-to-cart:hover {  
  background-color: #lightyellow;  
}
```

```
.cart-quantity {  
  border: 1px solid ■ white;  
  width: 40px;  
  text-align: center;  
  font-size: 16px;  
  margin-bottom: 10px;  
}
```

```
.buy-button {  
  display: flex;  
  margin: 10px auto;  
  cursor: pointer;  
  padding: 10px 150px;  
  background-color: ■ white;  
}
```

```
.buy-button:hover {  
  background: □ black;  
  color: ■ white;  
}
```

```
.invoiceTotal {  
  display: flex;  
  flex-direction: row;  
  justify-content: end;  
  color: ■ white;  
  margin-right: 20px;  
}
```

```
h1{  
  color: ■ white;  
  margin-left: 30px;  
}
```



```
.receipt{
  color: ■white;
  margin-left: 30px;
}

.cartDev{
  margin-left: 60px;
  margin-right: 60px;
  margin-top: 30px;
  border-radius: 20px;
  border: 2px solid ■#9B7538;
}

a{
  color: ■white;
  margin-left: 20px;
}

.info-container {
  background-color: □black;
}

.breadcrumb{
  font-size: 35px;
  margin-left: 30px;
  font-weight: bold;
}
```

```
h3{
  color: ■white;
  margin-left: 30px;
  font-weight: bold;
  font-size: 20px;
}

.info-field{
  color: ■white;
  margin-left: 30px;
}
```

2.3 Page Editor

For the editor page student no 3 create a main editor page because all editor page should be same for that he created in same html file we took his html file and make it different for our student page but the same CSS file

HTML

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

<head>
  <meta charset="UTF-8">
  <title>Lathma Piyathilake</title>
  <link rel="stylesheet" type="text/css" href="Page_Editor.css">
</head>

<body>

  <div class="box">
    <div class="details">
      <h1>Editor Page</h1>
      
      <p>Name: Thisukha de silva <br>
        Role: Student 1 <br>
        UoW ID: w1998816 <br>
        Following are the List of Tasks I do!
      </p>
    </div>
    <div class="tasks">
      <p>
        <h3> - Created the Presentation Page - </h3>
        Created a presentation page with html,<br> css and javascript to display <br>
        the website name, group and group members<br> which will disappear in 4 seconds <br> and load the home page.
        <br>
        <a href="presentation.html">Go to presentation Page </a>
      </p>
    </div>
  </div>

  <h3> - Created the Shop - </h3>
  Created the shop that enables people to buy tickets <br> to various attractions in Srilanka using html,<br>
  css and javascript
  used forms to get the number of tickets they want<br> and javascript to add to a cart and display total,<br>
  to get user billing information and to verify them. <br>
  <a href="Buy.html">Go to Shop Page </a>

  <h3> - Additional Page: Sigiriya - </h3>
  Created the page using html<br>
  Used CSS to make it colorful, hover effects and visibility<br><br>
  <a href="ExtraContentPageStudent1.html">Student Details Page link</a>

  <h3> - Additional Page 2: Trincomalee - </h3>
  Created the page using html<br>
  Used CSS to make it colorful, hover effects and visibility<br><br>
  <a href="aditong2.html">Student Details Page link</a>

  </p>
</div>
</div>

</body>
</html>
```

CSS

```
body{
  background-color: #1b3152;
  color: #1b3152;
  font-family: 'Courier New', Courier, monospace;
  font-weight: 550;
}

img{
  width: 200px;
  border: 2px solid black;
  padding: 4px;
}

h1{
  text-align: center;
}

.box{
  margin: 40px auto 0;
  text-align: center;
  border: 1px solid;
  background-color: white;
  width: fit-content;
}

.details{
  font-size: large;
  font-style: normal;
  font-weight: bold;
  border-bottom: 5px solid #1b3152;
}
```

```
.tasks{
  padding-left: 40px;
  padding-right: 40px;
  padding-bottom: 20px;
}

a{
  color:  #1b3152;
  font-weight: normal;
  font-style: italic;
}

a:hover{
  color:  red;
}
```

2.4 Additional page

For the additional page everyone chose some places in Sri Lanka and I chose Sigiriya and Trincomalee. In my part I chose html and css basic allee i used simple things it I create ed two division part for it and in first one I named that class call Sigiriya that I wrote every thing about it its not so hard I use only basic simple code for it for the css part I used mostly marjin to move the pics for left right and I created a another page it also run with the same basic html and css code

HTML

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="ExtraContentPageStudent1.css">
  <link rel="stylesheet" href="navigation_bar.css">
  <title>Document</title>
</head>

<body>

  <header>
    <div><a href="../Main_page/home.html">TravelEz</a></div>
    <nav>
      <ul>
        <li><a href="#">Our Products</a></li>
        <li><a href="#">Quiz</a></li>
        <li><a href="#">Site-Map</a></li>
        <li><a href="../Comments_Form/comments.html">Feedback</a></li>
        <li><a href="#">About us</a></li>
      </ul>
    </nav>
  </header>

  <div class="mainContainer">
    <div class="imageCairo">
      
```

```

<div class="Sigiriya">
  <h1>
    Sigiriya
  </h1>
  <p>
    Sigiriya, also referred to as the Lion Rock, is a historic rock fortress that can be found in Sri Lanka's Matale District.
    It is among the most famous and historically significant landmarks in the nation.
    The Sri Lankan capital, Colombo, is located about 160 kilometres (100 miles) northeast of Sigiriya..
    <br> <br>

    King Kashyapa, who ruled the area after usurping his father, King Dhatusena, from the throne, erected the fortress in the fifth century AD.
    Kashyapa decided to build a heavily fortified palace atop the enormous rock out of fear of retaliation from his half-brother, who was the legitimate heir.
    The location was selected for its strategic benefits because it offered a built-in defence against potential attacks. <br> <br>

    The enormous gateway in the shape of a lion that once graced the top of the rock is what makes Sigiriya stand out the most and gives rise to its nickname, "Lion Rock."
    Sadly, the upper portion of the construction has eroded over time, leaving only the enormous lion's paws at the rock's base visible.<br><br>

    Visitors must ascend a number of staircases to reach the top of Sigiriya, some of which are surrounded by stunning frescoes painted on the rock's surface.
    The "Sigiriya maidens" or "Sigiriya frescoes," which feature elegantly dressed women, are thought to have religious or aesthetic significance.
    Even though there are now very few of these paintings left, they offer important insights into Sri Lankan art and culture in the past.
  </p>
</div>
</div>

```

```

</div>

<div class="mainContainer2">

  <div class="content2">
    <p>
      The ancient palace complex's ruins can be seen at the summit.
      Timber and other brittle materials were used to build the palace, which hasn't stood the test of time.
      The palace's design, including its gardens and water features, can still be seen. <br> <br>

      In addition to its historical and architectural significance, Sigiriya is surrounded by beautiful landscaped gardens, reflecting the advanced hydraulic engineering skills of the time.
      The water gardens, fountains, and sophisticated irrigation systems demonstrate the level of technological expertise achieved by the ancient Sri Lankan civilization.

      <br> <br> In recognition of its cultural and historical importance, Sigiriya was designated as a UNESCO World Heritage Site in 1982.
      It remains one of Sri Lanka's most visited attractions, drawing tourists and history enthusiasts from around the world who come to marvel at its ancient splendor and learn about the fascinating history of this majestic rock fortress.
    </p>

    <span><a href="main.html"><u>Return to Home Page</u></a></span>
  </div>

  <div class="imageCairo2">
    
  </div>
</div>

```

```
<footer>
  <p>Follow Us On Our Social Networks</p>
  <ul>
    <li>
      <a href="https://www.facebook.com/">
        
      </a>
    </li>
    <li>
      <a href="https://www.twitter.com/">
        
      </a>
    </li>
    <li>
      <a href="https://www.instagram.com/">
        
      </a>
    </li>
  </ul>
  <p class="editor">
    <a href="#">&#169; By Thisukha de silva </a>
  </p>
  <p class="editor">
    Project by Team TravelEz
  </p>
  <p class="editor" id="copyright">
    &#169; Copyright 2023 - The Team TravelEz
  </p>
</footer>

</body>

</html>
```

CSS

```
html {
  scroll-behavior: smooth;
}

/* adding a back ground colour for the page*/
body {
  background-color: black;
}

/* adding font colours*/
p {
  color: white;
}

h1 {
  color: gold;
}

/* adding styling for first image and first content*/
.mainContainer {
  display: flex;
}

.imageCairo {
  margin-right: 25px;
  margin-left: -8px;
  margin-top: -8px;
}
```



```
img {
  width: 800px;
  height: 450px;
  border-radius: 20px;
}

/* adding styling for second image and second content*/

.mainContainer2 {
  display: flex;
}

.imageCairo2 {

  margin-top: 15px;

  margin-right: -8px;

}

.content2 {
  margin-top: 30px;
  margin-right: 20px;
  margin-left: 15px;
}
```

2.5 Use of provided navigation bar.

I had a challenge to Adapting the given navigation bar and footer, but I made it correctly.

I had to make a small change in the navigation bar style to make it fixed and be there without disturbing the top part of the webpage. I used the margin-top CSS style to lower the main content so that the navigation bar and the main content does not collapse. It was easy to adapt the footer as I didn't have to make any changes.

2.6 Additional CSS

I faced a little bit challenge while adding CSS for presentation page. You provided CSS code to style various HTML document elements. To prevent repetition and keep the background image fixed while scrolling, the body selector sets the background image "Sri-Lanka-Heritage-Tour.jpg" for the entire webpage. The "Dancing Script" font, large font size (100px), dark grey colour (#020202), and centred with no padding are used to style the.Group class. The "Roboto" font, 40px font size, golden text colour (#ffd700), centering, and top margin of 50px are all used in the.class class. The "Open Sans" font, a font size of 40px, the colour dark grey (#050505), centering, and top margin of 30px are all used by the.Names class. Unordered lists are styled using the ul selector, which gets rid of bullet points, padding, and default margins. The.B class also has

03 Webpage Validation Statement

My webpage validated flawlessly completely.

04 Janet

Janet's Acceptable User Policy and Janet's Security Policy apply to my websites. The Data Protection Act of 1998, The Computer Misuse Act of 1990, as well as the Copyright, Design, and Patents Act of 1990 laws are upheld by our website.

No designs have been copied; only some ideas have been taken and re-engineered, and any private information obtained from the user is kept that way.

05. Appendices

Appendix A: Code

Presentation Page

Presentation Page.html

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

<head>
  <meta charset="UTF-8">
  <title>Presentation Page</title>
  <link rel="stylesheet" href="Presentation.css"> <!--Linking to the css
part-->
</head>

<!--Main body part-->

<body>

  <div class="A">
    <h1 class="Group"> <b> TravelEz </b> </h1><!--Dispalying the name of
the web site-->
    <br>
    <div class="Names">
      <ul> <!--Dispaling the students name -->
        <li class="B"> <i><b>B.T.N De Silva</b></i></li>
        <br>
        <li class="B"> <i><b>Janiru Ransith Wickramaga</b></i></li>
        <br>
        <li class="B"> <i><b>P.Lathma Sehash Piyathilake</b> </i></li>
        <br>
        <li class="B"> <i><b>H.P Dilsha Devindi Perera</b></i></li>
      </ul>
    </div>
  </div>

  <!--Dispaly the main body part in 4 seconds-->
  <script>
    setTimeout(function () {
      window.location.href = "Buy.html";
    }, 4000);
  </script>

</body>

</html>
```

pageStyle.css

```
body {
  background-image: url('images/Sri-Lanka-Heritage-Tour.jpg');
  background-repeat: no-repeat;
  background-attachment: fixed;
  background-size: cover;
}

.Group {
  font-family: 'Dancing Script', cursive;
  font-size: 100px;
  color: #020202;
  text-align: center;
  padding: 0%;
}

.class {
  font-family: 'Roboto', sans-serif;
  font-size: 40px;
  color: #ffd700;
  text-align: center;
  margin-top: 50px;
}

.Names {
  font-family: 'Open Sans', sans-serif;
  font-size: 40px;
  color: #050505;
  text-align: center;
  margin-top: 30px;
}

ul {
  margin: 0;
  padding: 0;
  list-style-type: none;
}

.B{
  margin-left: 31%;
  margin-right: 31%;
  background-color: rgba(248, 247, 247, 0.316);
  border-radius: 24px;
}
```

```
}
```

Shopping page
Buy.html

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

<head>
  <meta charset="UTF-8">
  <link rel="stylesheet" href="buy.css">
  <link rel="stylesheet" href="navigation_bar.css">
  <script src="shop.js"></script>
  <title> Book now </title>

</head>

<body>
  <header>
    <div><a href="../Main_page/home.html">TravelEz</a></div>
    <nav>
      <ul>
        <li><a href="#">Our Products</a></li>
        <li><a href="#">Quiz</a></li>
        <li><a href="#">Site-Map</a></li>
        <li><a href="#">Feedback</a></li>
        <li><a href="#">About us</a></li>
      </ul>
    </nav>
  </header>


  <div class="shop" id="shop">
    <div class="tickets">
      <div>
        
      </div>

      <div class="ticketinfo">
```

```

        <h2 class="product-name"> COLOMBO TO KANDY TICKET</h2>
        <p>Site : Colombo to kandy <br> Ticket Type : Valid for one
day only. <br> Entry Time : 7.00 AM to
            8.00pm
            <br><br>
            Restrictions: <br>
            * No Out side food allowed inside the train. <br>
        </p>
        <p class="product-price" data-value="10">$10</p>
        <p>Quantity:</p>
        <input type="number" value="1" min="1" max="30" class="cart-
quantity" />

        <!--when cart icon is clicked, it will display product
information under shopping cart-->
        <button class="add-to-cart" onclick="validateCart(event)">Add
to cart</button>
    </div>
</div>

<div class="tickets">
    <div>
        
    </div>

    <div class="ticketinfo">
        <h2 class="product-name"> KANDY TO BADULLA TICKET</h2>
        <p>Site :kandy to badulla <br> Ticket Type : Valid for one day
only. <br> Entry Time : 10.00 AM to
            3.00pm
            <br><br>
            Restrictions: <br>
            * No Out side food allowed inside the train. <br>
        </p>
        <p class="product-price" data-value="12">$12</p>
        <p>Quantity:</p>
        <input type="number" value="1" min="1" max="30" class="cart-
quantity" />

        <!--when cart icon is clicked, it will display product
information under shopping cart-->
        <button class="add-to-cart" onclick="validateCart(event)">Add
to cart</button>
    </div>
</div>

```

```

        <div class="tickets">
            <div>
                
            </div>

            <div class="ticketinfo">
                <h2 class="product-name"> COLOMBO TO GALLE TICKET</h2>
                <p>Site : Colombo to Galle <br> Ticket Type : Valid for one
day only. <br> Entry Time : 9.00 AM to
                    12.00pm
                    <br><br>
                    Restrictions: <br>
                    * No Out side food allowed insde the train. <br>
                </p>
                <p class="product-price" data-value="14">$14</p>
                <p>Quantity:</p>
                <input type="number" value="1" min="1" max="30" class="cart-
quantity" />

                <!--when cart icon is clicked, it will display product
information under shopping cart-->
                <button class="add-to-cart" onclick="validateCart(event)">Add
to cart</button>
            </div>
        </div>

```

```

        <div class="tickets">
            <div>
                
            </div>

            <div class="ticketinfo">
                <h2 class="product-name"> ANURADHAPURA TO JAFFNA TICKET</h2>
                <p>Site : Colombo to kandy <br> Ticket Type : Valid for one
day only. <br> Entry Time : 4.00 AM to
                    11.00pm
                    <br><br>
                    Restrictions: <br>
                    * No Out side food allowed insde the train. <br>
                </p>
                <p class="product-price" data-value="10">$10</p>
                <p>Quantity:</p>
                <input type="number" value="1" min="1" max="30" class="cart-
quantity" />

```

```

        <!--when cart icon is clicked, it will display product
information under shopping cart-->
        <button class="add-to-cart" onclick="validateCart(event)">Add
to cart</button>
    </div>
</div>

<hr>

<div class="cartDev">
    <!--Beginning of Shopping cart-->
    <h1 id="shopping-cart">Shopping Cart</h1>
    <!--Holds all details of products added to cart -->
    <div id="invoice-box" class="receipt"></div>
    <!--holds the total price-->
    <div class="invoiceTotal">
        <p id="invoiceTotal"></p>
    </div>

    <hr>

    <div class="info-container" id="info-container">
        <!--breadcrumb-->
        <div class="breadcrumb">
            <p> Billing Information</p>
        </div>
        <!--Content-->
        <div class="address-container">
            <form method="post">
                <h3>Contact Information</h3>

                <!--EMAIL FIELD-->
                <div class="info-field">
                    <label for="email">Email </label>
                    <input type="email" name="email" id="email"
placeholder="Email" />
                </div>

                <!--FIRST NAME-->
                <div class="info-field">
                    <label for="f-name">First name</label>
                    <input type="text" name="First Name" id="f-name"
placeholder="First name" />
                </div>

                <!--LAST NAME-->
                <div class="info-field">
                    <label for="l-name">Last name</label>

```



```

        <input type="text" name="Surname" id="l-name"
placeholder="Last name" />
    </div>

    <br>

    </div>
</div>

<!--button that will direct to information page once clicked-->
<button type="button" class="buy-button" onclick="checkout()">
    CHECKOUT
</button>
<div class="separator"></div>
<!--anchor element links to the top of the page-->
<a href="#shop"><u>Back to top</u></a>

<footer>
    <p>Follow Us On Our Social Networks</p>
    <ul>
        <li>
            <a href="https://www.facebook.com/">
                

            </a>
        </li>
        <li>
            <a href="https://www.twitter.com/">
                
            </a>
        </li>
        <li>
            <a href="https://www.instagram.com/">
                

            </a>
        </li>
    </ul>
    <p class="editor">
        <a href="#">&#169; By Thisukha de silva </a>

```

```

        </p>
        <p class="editor">
            Project by Team TravelEz
        </p>
        <p class="editor" id="copyright">
            &#169; Copyright 2023 - The Team TravelEz
        </p>
    </footer>
</body>
</html>

```

Buy.css

```

html {
    scroll-behavior: smooth;
}

body{
    background-color: black;
    margin-top: 130px;
}

.tickets{
    background-color: black;
    border-radius: 20px;
    width: 900px;
    height: 350px;
    margin-left: 20%;
    margin-right: 20%;
    margin-top: 3%;
    border: 2px solid #9B7538;
    display: flex;
}

h2{
    color: #9B7538;
}

p{
    color: white;
}

.product-img{
    height: 350px;
    width: 500px;
}

```

```
border-top-left-radius: 17px;
border-bottom-left-radius: 17px;
}
.ticketinfo{
  width: 350px;
  height: 350px;
  margin-left: 40px;
}

.product-name{
  text-align: center;
}

#cart-icon {
  font-size: 28px;
  cursor: pointer;
}

.add-to-cart {
  cursor: pointer;
  padding: 10px 50px;
  background-color: white;
  border-radius: 20px;
  color: black;
  left: 100px;
}

.add-to-cart:hover {
  background-color:lightyellow;
}

.cart-quantity {
  border: 1px solid white;
  width: 40px;
  text-align: center;
  font-size: 16px;
  margin-bottom: 10px;
}

.buy-button {
  display: flex;
  margin: 10px auto;
  cursor: pointer;
  padding: 10px 150px;
  background-color: white;
```

```
}

.buy-button:hover {
  background: black;
  color: white;
}

.invoiceTotal {
  display: flex;
  flex-direction: row;
  justify-content: end;
  color: white;
  margin-right: 20px;
}

h1{
  color: white;
  margin-left: 30px;
}

.receipt{
  color: white;
  margin-left: 30px;
}

.cartDev{
  margin-left: 60px;
  margin-right: 60px;
  margin-top: 30px;
  border-radius: 20px;
  border: 2px solid #9B7538;
}

a{
  color: white;
  margin-left: 20px;
}

.info-container {
  background-color: black;
}
```

```
.breadcrumb{
  font-size: 35px;
  margin-left: 30px;
  font-weight: bold;
}

h3{
  color: white;
  margin-left: 30px;
  font-weight: bold;
  font-size: 20px;
}

.info-field{
  color: white;
  margin-left: 30px;
}
```

Buy.js

```
// declaring empty arrays
let productName = [];
let productPrice = []
let productQuantity = [];

function validateCart(e) {
  let event = e.target.parentElement;
  let quantityVal = event.getElementsByClassName("cart-quantity")[0].value;
  // checks for empty fields and alerts if there is any

  if (quantityVal == "") {
    alert("Please enter a quantity");
  } else {
    // adds elements to the array
    productName.push(event.getElementsByClassName("product-
name")[0].innerText);
    productPrice.push(
```

```

        event.getElementsByClassName("product-price")[0].dataset.value
    ); //returns data value attribute

    productQuantity.push(quantityVal);

    let cart = "";

    for (let i = 0; i < productName.length; i++) {
        cart = `${cart}<br/>Product: ${productName[i]}`;
        cart = `${cart}<br/>Price: ${productPrice[i]}`;
        cart = `${cart}<br/>Quantity: ${productQuantity[i]}</br>`;
    }
    document.getElementById("invoice-box").innerHTML = cart;

    //calculating total price
    let totalPrice = 0;
    for (let i = 0; i < productName.length; i++) {
        let y = productPrice[i] * productQuantity[i];
        totalPrice += y;
        document.getElementById("invoiceTotal").innerHTML =
            "Total $" + totalPrice;
    }
}

// function to scroll where the shopping cart is located
function openCart() {
    document.getElementById("shopping-cart").scrollIntoView();
}

//validation check for products added to cart
function checkout() {
    if (productName.length == 0) {
        alert("Please add a product to cart");
    } else {
        // function for user validation to check if all fields are filled
        let email = document.getElementById("email").value;
        let fname = document.getElementById("f-name").value;
        let lname = document.getElementById("l-name").value;
        let country = document.getElementById("country").value;
        let address = document.getElementById("address").value;

        if (email == "") {
            alert("Please enter your email");
            return false;
        }
        if (fname == "") {
            alert("Please enter your first name");

```

```

        return false;
    }
    if (lname == "") {
        alert("Please enter your last name");
        return false;
    }
    if (address == "") {
        alert("Please enter your address");
        return false;
    }
    // alert message displaying all personal details and information
    window.alert(
        "Email: " +
        email +
        "\nName: " +
        fname +
        lname +
        "\nCountry: " +
        country +
        "\nAddress: " +
        address +
        "\nYour order has been placed!"
    );
}
}

```

Editor page

Editor.html

```

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <title>Lathma Piyathilake</title>
    <link rel="stylesheet" type="text/css" href="Page Editor.css">
</head>

<body>

    <div class="box">
        <div class="details">
            <h1>Editor Page</h1>
            
            <p>Name: Thisukha de silva <br>
                Role: Student 1 <br>
                UoW ID: w1998816 <br>
                Following are the List of Tasks I do!

```

```

        </p>
    </div>
    <div class="tasks">
        <p>
            <h3> - Created the Presentation Page - </h3>
            Created a presentation page with html,<br> css and javascript to
diplay <br>
            the website name, group and group members<br> which will disapear
in 4 seconds <br> and load the home page.
            <br>
            <a href="presentation.html">Go to presentation Page </a>

            <br>

            <h3> - Created the Shop - </h3>
            Created the shop that enables people to buy tickets <br> to
various attractions in Srilanka using html,<br>
            css and javascript
            used forms to get the number of tickets they want<br> and
javascript to add to a cart and display total,<br>
            to get user billing information and to verify them. <br>
            <a href="Buy.html">Go to Shop Page </a>

            <h3> - Additional Page: Sigiriya - </h3>
            Created the page using html<br>
            Used CSS to make it colorful, hover effects and visibilty<br><br>
            <a href="ExtraContentPageStudent1.html">Student Details Page
link</a>

            <h3> - Additional Page 2: Trincomalee - </h3>
            Created the page using html<br>
            Used CSS to make it colorful, hover effects and visibilty<br><br>
            <a href="aditonpg2.html">Student Details Page link</a>

        </p>
    </div>
</div>

</body>

</html>

```

Editor.css

```

body{
    background-color:#1b3152;
    color:#1b3152;
}

```



```
font-family: 'Courier New', Courier, monospace;
font-weight: 550;
}

img{
  width: 200px;
  border: 2px solid black;
  padding: 4px;
}

h1{
  text-align: center;
}

.box{
  margin: 40px auto 0;
  text-align: center;
  border: 1px solid;
  background-color: white;
  width: fit-content;
}

.details{
  font-size: large;
  font-style: normal;
  font-weight: bold;
  border-bottom: 5px solid #1b3152;
}

.tasks{
  padding-left: 40px;
  padding-right: 40px;
  padding-bottom: 20px;
}

a{
  color: #1b3152;
  font-weight: normal;
  font-style: italic;
}

a:hover{
  color: red;
}
```

Extra page

Extraapage.html

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="ExtraContentPageStudent1.css">
  <link rel="stylesheet" href="navigation_bar.css">
  <title>Document</title>
</head>

<body>

  <header>
    <div><a href="../Main_page/home.html">TravelEz</a></div>
    <nav>
      <ul>
        <li><a href="#">Our Products</a></li>
        <li><a href="#">Quiz</a></li>
        <li><a href="#">Site-Map</a></li>
        <li><a href="../Comments_Form/comments.html">Feedback</a></li>
        <li><a href="#">About us</a></li>
      </ul>
    </nav>
  </header>

  <div class="mainContainer">
    <div class="imageCairo">
      
    </div>

    <div class="Sigiriya">
      <h1>
        Sigiriya
      </h1>
      <p>
        Sigiriya, also referred to as the Lion Rock, is a historic
        rock fortress that can be found in Sri
        Lanka's Matale District.
        It is among the most famous and historically significant
        landmarks in the nation.
        The Sri Lankan capital, Colombo, is located about 160
        kilometres (100 miles) northeast of Sigiriya..
      </p>
    </div>
  </div>
</body>
</html>
```


King Kashyapa, who ruled the area after usurping his father, King Dhatusena, from the throne, erected the fortress in the fifth century AD. Kashyapa decided to build a heavily fortified palace atop the enormous rock out of fear of retaliation from his half-brother, who was the legitimate heir. The location was selected for its strategic benefits because it offered a built-in defence against potential attacks.

The enormous gateway in the shape of a lion that once graced the top of the rock is what makes Sigiriya stand out the most and gives rise to its nickname, "Lion Rock."

Sadly, the upper portion of the construction has eroded over time, leaving only the enormous lion's paws at the rock's base visible.

Visitors must ascend a number of staircases to reach the top of Sigiriya, some of which are surrounded by stunning frescoes painted on the rock's surface.

The "Sigiriya maidens" or "Sigiriya frescoes," which feature elegantly dressed women, are thought to have religious or aesthetic significance.

Even though there are now very few of these paintings left, they offer important insights into Sri Lankan art and culture in the past.

</p>

</div>

</div>

<div class="mainContainer2">

<div class="content2">

<p>

The ancient palace complex's ruins can be seen at the summit. Timber and other brittle materials were used to build the palace, which hasn't stood the test of time.

The palace's design, including its gardens and water features, can still be seen.

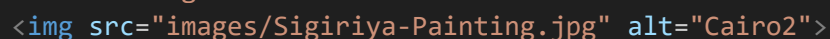
In addition to its historical and architectural significance, Sigiriya is surrounded by beautiful landscaped gardens, reflecting the advanced hydraulic engineering skills of the time.

The water gardens, fountains, and sophisticated irrigation systems demonstrate the level of technological expertise achieved by the ancient Sri Lankan civilization.

In recognition of its cultural and historical importance, Sigiriya was designated as a UNESCO World Heritage Site in 1982.

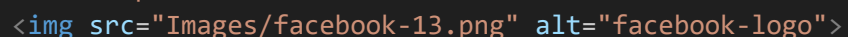
It remains one of Sri Lanka's most visited attractions, drawing tourists and history enthusiasts from around the world who come to marvel at its ancient splendor and learn about the fascinating history of this majestic rock fortress.

[Return to Home Page](main.html)



Follow Us On Our Social Networks

<https://www.facebook.com/>



<https://www.twitter.com/>



<https://www.instagram.com/>



```

        </ul>
        <p class="editor">
            <a href="#">&#169; By Thisukha de silva </a>
        </p>
        <p class="editor">
            Project by Team TravelEz
        </p>
        <p class="editor" id="copyright">
            &#169; Copyright 2023 - The Team TravelEz
        </p>
    </footer>

</body>

</html>

```

Extrapage.css

```

html {
    scroll-behavior: smooth;
}

/* adding a back ground colour for the page*/
body {
    background-color: black;
}

/* adding font colours*/
p {
    color: white;
}

h1 {
    color: gold;
}

/* adding styling for first image and first content*/
.mainContainer {
    display: flex;
}

.imageCairo {

    margin-right: 25px;
    margin-left: -8px;
    margin-top: -8px;
}

```

```
}

img {
  width: 800px;
  height: 450px;
  border-radius: 20px;
}

/* adding styling for second image and second content*/

.mainContainer2 {
  display: flex;
}

.imageCairo2 {

  margin-top: 15px;

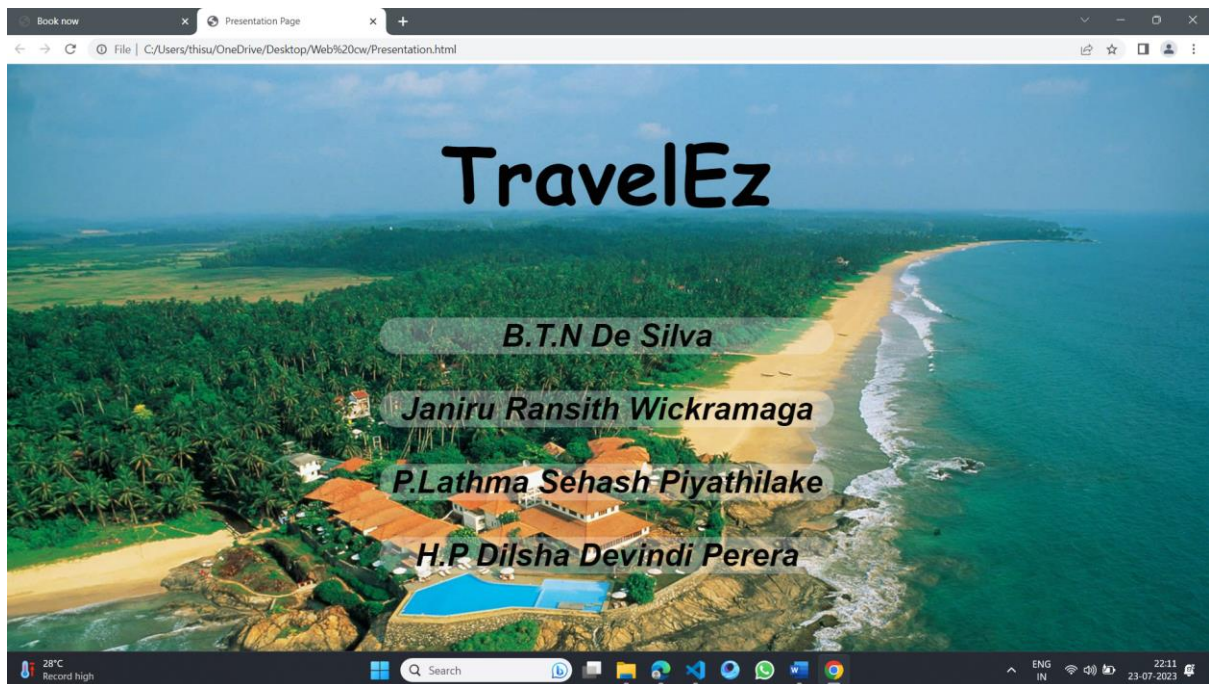
  margin-right: -8px;

}

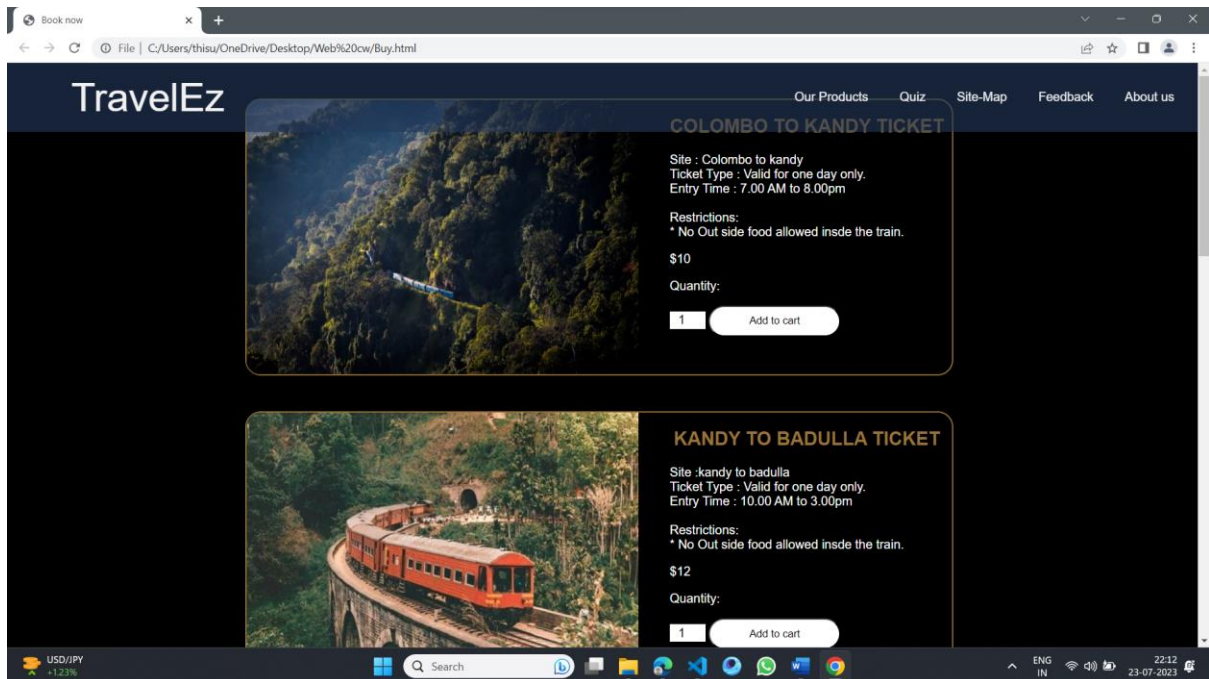
.content2 {
  margin-top: 30px;
  margin-right: 20px;
  margin-left: 15px;
}
```

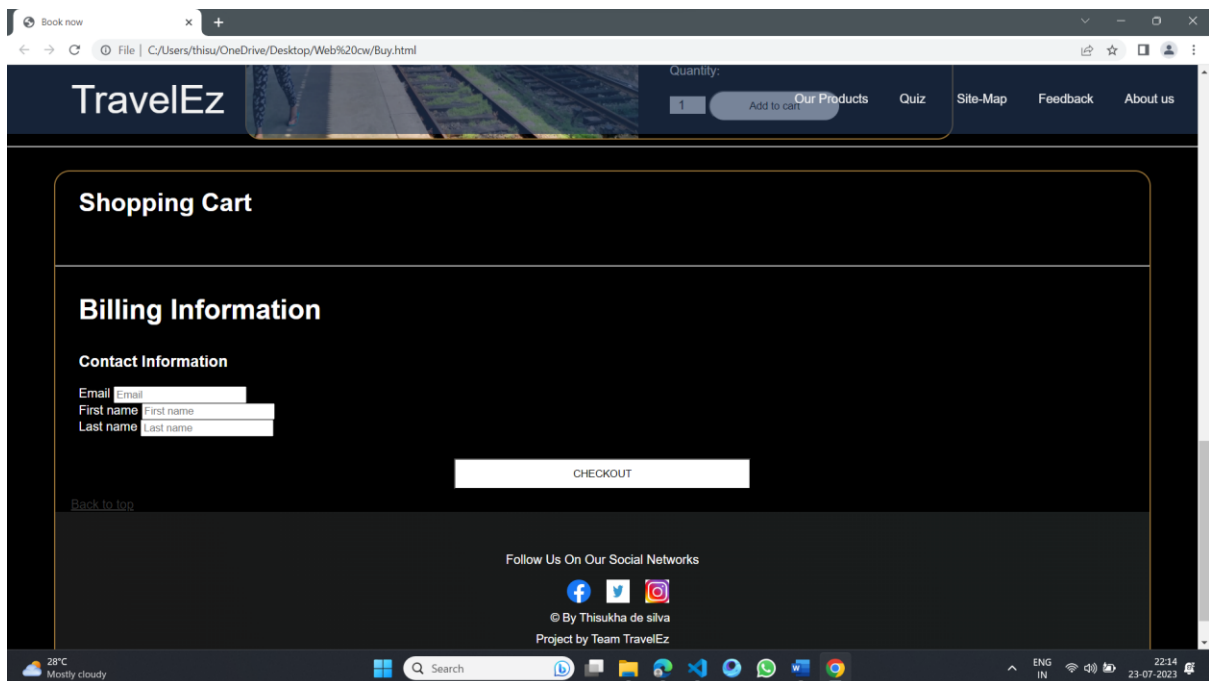
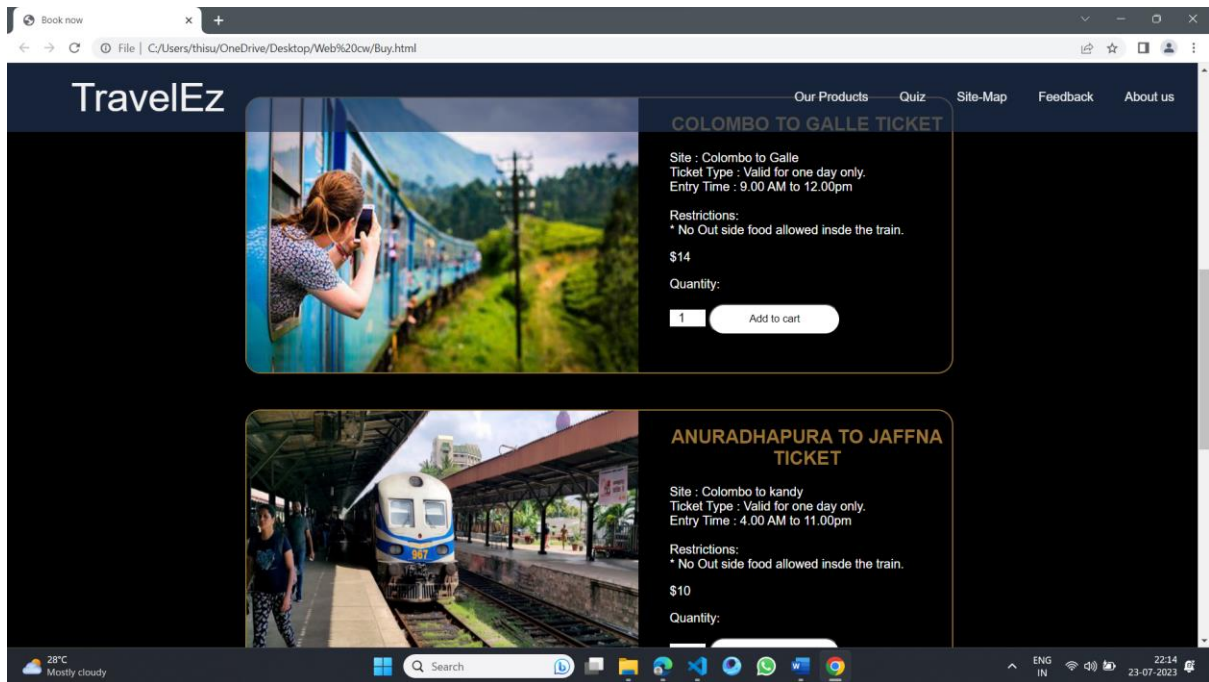
Appendix B: Screenshots

Presentation Page web



Buy products web page.






Extra content page

Book now

Document

C:/Users/thisu/OneDrive/Desktop/Web%20cw/ExtraContentPageStudent1.html

TravelEz



Sigiriya

Our Products Quiz Site-Map Feedback About us

Sigiriya, also referred to as the Lion Rock, is a historic rock fortress that can be found in Sri Lanka's Matale District. It is among the most famous and historically significant landmarks in the nation. The Sri Lankan capital, Colombo, is located about 160 kilometres (100 miles) northeast of Sigiriya...

King Kashyapa, who ruled the area after usurping his father, King Dhatusena, from the throne, erected the fortress in the fifth century AD. Kashyapa decided to build a heavily fortified palace atop the enormous rock out of fear of retaliation from his half-brother, who was the legitimate heir. The location was selected for its strategic benefits because it offered a built-in defence against potential attacks.


The enormous gateway in the shape of a lion that once graced the top of the rock is what makes Sigiriya stand out the most and gives rise to its nickname, "Lion Rock." Sadly, the upper portion of the construction has eroded over time, leaving only the enormous lion's paws at the rock's base visible.

Visitors must ascend a number of staircases to reach the top of Sigiriya, some of which are surrounded by stunning frescoes painted on the rock's surface. The "Sigiriya maidens" or "Sigiriya frescoes," which feature elegantly dressed women, are thought to have religious or aesthetic significance. Even though there are now very few of these paintings left, they offer important insights into Sri Lankan art and culture in the past.

The ancient palace complex's ruins can be seen at the summit. Timber and other brittle materials were used to build the palace, which hasn't stood the test of time. The palace's design, including its gardens and water features, can still be seen.

In addition to its historical and architectural significance, Sigiriya is surrounded by beautiful landscaped gardens, reflecting the advanced hydraulic engineering skills of the time. The water gardens, fountains, and sophisticated irrigation systems demonstrate the level of technological expertise achieved by the ancient Sri Lankan civilization.

In recognition of its cultural and historical importance, Sigiriya was designated as a UNESCO World Heritage Site in 1982. It remains one of Sri Lanka's most visited attractions, drawing tourists and history enthusiasts from around the world who come to marvel at its ancient splendor



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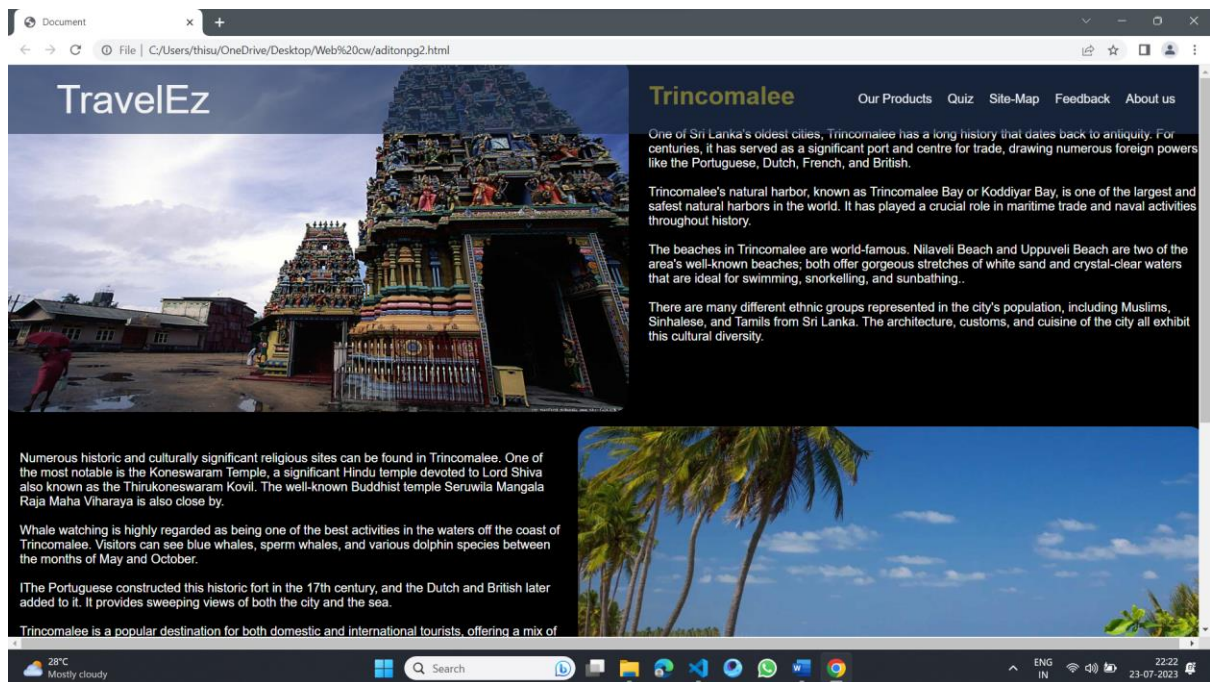
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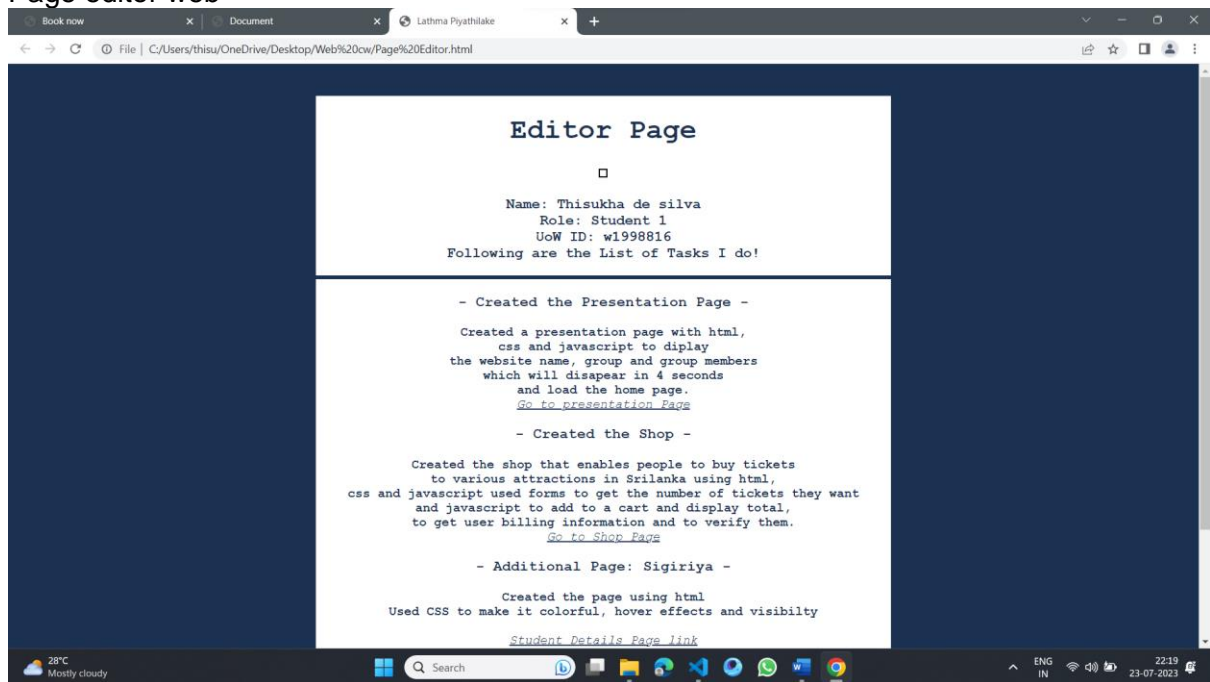
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Appendix D: Individual Statement

Student Name:	Thisukha de silva	Student Id:	20220227
State what tasks you carried out in the project.			
<ul style="list-style-type: none"> • creating a presentation page, which will redirect to the web's main page in 4 seconds. • creating a shopping page with product details and a cart at the bottom of the page to display the selected products. • creating a page to collect user information and shipping details. • creating a popup to show the billing information the user entered and collecting the user's card details 			
State what you enjoyed and did not enjoy about teamwork.			
<p>Enjoyed: The team members were all devoted to their work and willing to help others who were falling behind. They all finished their responsibilities on schedule. Not enjoyed: diverse viewpoints are held when choosing designs and some basic styling</p>			
State what you learnt about teamwork.			
<p>I developed the capacity to coordinate my efforts with others to complete tasks through collaboration. and the teamwork allowed us to share knowledge and learn about new things</p>			
State what skills you gained/learnt from undertaking the project.			
<p>Creativity in design. Group coordination skill. Problem solving. Time management</p>			
State any strengths about yourself that emerged whilst undertaking the project.			
<p>Creativity in design. Group coordination skill. Problem solving. Time management</p>			
State any weaknesses about yourself that emerged whilst undertaking the project.			
<p>Panicking when any error or issue happens in the page</p>			
State how you would do things better if you were to undertake the project again.			
<p>Being fixed on a decision for a task not changing it again and again. Learning more about JavaScript.</p>			
Additional general or project specific comments: This Course work helped to learn new things in HTML, CSS and JavaScript			

Student Name:	Thisukha de silva	Student Id:	20220227

Appendix E: Task Completion Checklist

Complete the table to indicate if any of your tasks were not completed or partially completed.

Student 1 Tasks	Completed			Student Comments
	Yes	No	Partially	
1 - Presentation Page	*			
2a - Main (Home) Page	*			
4 - Buy products	*			
9b - External CSS (9a reused)	*			
10 - Extra content page/anchors	*			
11 - Page Editor	*			
12 - Logo/Page Editor	*			
13 - Additional Interactivity	*			
14 - Uploaded to Server		*		