

# Web Design and Development 4COSC011W

## Report

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Group Number: E7  
Student Role: Student 1

### Link(s) to Website

Presentation page : <https://w1867067.users.ecs.westminster.ac.uk/w1867067/index.html>

Buy products page : [https://w1867067.users.ecs.westminster.ac.uk/w1867067/buy\\_products\\_page.html](https://w1867067.users.ecs.westminster.ac.uk/w1867067/buy_products_page.html)

Editor's page : [https://w1867067.users.ecs.westminster.ac.uk/w1867067/editor\\_page.html](https://w1867067.users.ecs.westminster.ac.uk/w1867067/editor_page.html)

Main page  
(contributed) : [https://w1867092.users.ecs.westminster.ac.uk/w1867465\\_mainpage.html](https://w1867092.users.ecs.westminster.ac.uk/w1867465_mainpage.html)

Additional content : <https://w1867067.users.ecs.westminster.ac.uk/w1867067/help.html>  
Page ( Help page)  
(Contributed)

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## 1. Introduction

Topic : Sports (Website for a sports equipment making company (Athlete Zone))

Our group members and completed tasks :

Role	Name	IIT ID	UOW ID	Completed pages
Student 1	Sandeepa Induwara Samaranayake	20210302	w1867067	Presentation page Buy products page Main page(contributed) Additional page-Help page (Contributed)
Student 2	Chamodh Bandara Abeykoon	20210384	w1867465	Query Form Main Page(owner) Navigation Bar Additional page-Help page (Contributed)
Student 3	Srinayaka Palliyaguru Ge Kalindu Lokith	20210332	w1867088	Quiz page Student Details page Main page(contributed) Additional page-Help page (Contributed)
Student 4	Kumod Hasindu Munasinghaarachchi	20210336	w1867092	Diagram SVG (Sitemap page) Thumbnail images page. Main page(contributed) Additional page-Help page (Contributed)

Group Coursework Meetings		
1	<b>Date &amp; Time:</b>	2022-03-09
	<b>Objective:</b>	<ol style="list-style-type: none"> <li>1. To understand the coursework.</li> <li>2. Allocate students to their roles as preference.</li> <li>3. Setup UOW server to host the website.</li> </ol>
	<b>Attended:</b>	All group members attended.
	<b>My Contribution:</b>	I clarified all their doubts relevant to the coursework Help others to set up the UOW server location to host the website.
2	<b>Date &amp; Time:</b>	2022-03-11
	<b>Objective:</b>	<ol style="list-style-type: none"> <li>1. Discuss the progress of the coursework</li> <li>2. Create a shared git repository to manage the development process.</li> </ol>
	<b>Attended:</b>	All group members attended.
	<b>My Contribution:</b>	I reported my progress in both javascript and CSS scripts. I Updated the git repository with my recent changes.
3	<b>Date &amp; Time:</b>	2022-03-14
	<b>Objective:</b>	<ol style="list-style-type: none"> <li>1. Discuss the questions related to coursework and how to solve them.</li> <li>2. Clarify UOW server-related doubts.</li> </ol>
	<b>Attended:</b>	All group members attended.
	<b>My Contribution:</b>	I reported my progress on the presentation page. I gave some important ideas like adding some animations to the presentation page to Increase User Engagement.
4	<b>Date &amp; Time:</b>	2022-03-17
	<b>Objective:</b>	<ol style="list-style-type: none"> <li>1. Discuss the Progress of individual works.</li> <li>2. Start to create the main page.</li> </ol>
	<b>Attended:</b>	All group members are attended.
	<b>My Contribution:</b>	I reported my individual progress in creating presentation page. I Helped to create a background image slideshow for the main page.
5	<b>Date &amp; Time:</b>	2022-03-20
	<b>Objective:</b>	<ol style="list-style-type: none"> <li>1. Discuss the Progress of individual works.</li> <li>2. Finish the works on main page.</li> </ol>
	<b>Attended:</b>	All group members are attended.
	<b>My Contribution:</b>	I reported my individual progress in buy products page. Help to finish the works on main page.
6	<b>Date &amp; Time:</b>	2022-03-22
	<b>Objective:</b>	<ol style="list-style-type: none"> <li>1. Discuss the Progress of individual works.</li> <li>2. Start work on additional content page.</li> </ol>
	<b>Attended:</b>	All group members are attended.
	<b>My Contribution:</b>	I reported my individual progress in buy products page Javascript. Helped to create an additional content page using anchors.
7	<b>Date &amp; Time:</b>	2022-03-23
	<b>Objective:</b>	Finalize all individual tasks.
	<b>Attended:</b>	All group members are attended.

	<b>My Contribution:</b>	I finalized my works on presentation page and buy products page.
8	<b>Date &amp; Time:</b>	2022-03-26
	<b>Objective:</b>	<ol style="list-style-type: none"> <li>1. Upload all individual work to the university server.</li> <li>2. Connect all pages.</li> <li>3. Discuss about individual report.</li> </ol>
	<b>Attended:</b>	All group members are attended.
	<b>My Contribution:</b>	I uploaded my own web pages to the university server. I connected my pages with other pages.

## 2. Technical Discussion

- I was allocated to student role 1 which responsible for presentation page and Buy products page and additionally a page editor page, the main page and an extra content page which uses anchors to navigate through the page.
- First, we analysed the scope of this coursework and made a final decision on which topic our team going to implement as a website which related to sports (sports Equipment Company called Athlete Zone).
- Basically we implemented a presentation page which includes animations to improve the interactivity. After 4 seconds it will automatically redirect to main page ( Home Page ).
- Buy Products page basically allows user to select and order products and when user press Place Order button then it will generate an invoice which indicates the total price and relevant information.

### 3. Webpage Validation Statement

In my individually created web pages there are 4 pages.

1. Presentation page
2. Buy products page
3. Editor page
4. Help page

The presentation page, Editor page, and Help page did not contain any javascript codes because they don't contain any logical process but in Buy products page will connect to a javascript and it will validate some fields to ensure that user input is not empty and exactly in a valid format. The page will validate the product amount in the buy products page when you click the "Order Now" button or "Add to Cart" button.

It will only accept an integer number which is less than or equal to available product amount. When you give an invalid value like a non-integer value or a value more than available product amount then it will show an alert a message which indicates that the user's input is not valid.[Fig. 30],[Fig. 31],[Fig. 32].

Personal Info section will execute some validations before process the order.

- First Name and Last Name fields will get your first name and last name and when you press the "Place Order" button then javascript will validate that the entered values are completely textual, if they contain any numerical value or sign character it will give an error.
- Mobile number field will only accept 10 integer numbers and if the user gives any value other than the expected format will give an error.
- Email address field will only accept a typical email address with the format (e.g. :abcd@mail.com). Any value format other than this will reject and give an error.

### 4. Janet

The Janet security policy recognizes that different approaches to security will suit different organizations, and leaves it up to each organization to choose an appropriate way to meet its obligations under the Policy.

We created our website according to the Janet Regulations.

## References

w3schools. 2022. Javascript. [ONLINE] Available at: <https://www.w3schools.com/>. [Accessed 31 March 2022].

stackoverflow. 2022. How can I remove a specific item from an array?. [ONLINE] Available at: <https://stackoverflow.com/questions/5767325/how-can-i-remove-a-specific-item-from-an-array>. [Accessed 31 March 2022].

## Appendices

### Appendix A: Code

This is the file hierarchy of created web pages.  
[ Fig.1 ]

```

/root
├── /images
│   ├── top.jpg
│   ├── twitter.jpg
│   ├── backdrop_1.jpg
│   ├── backdrop_2.jpg
│   ├── backdrop_3.jpg
│   ├── backdrop_4.jpg
│   ├── backdrop_5.jpg
│   ├── backdrop_6.jpg
│   ├── backdrop_7.jpg
│   ├── backdrop_8.jpg
│   ├── backdrop_9.jpg
│   ├── backdrop_10.jpg
│   ├── backdrop_11.jpg
│   ├── bad1.png
│   ├── bad2.png
│   ├── bad3.png
│   ├── bad4.png
│   ├── bas1.png
│   ├── bas2.png
│   ├── bas3.png
│   ├── bas4.png
│   ├── bill.png
│   ├── cart.png
│   ├── cr1.png
│   ├── cr2.png
│   ├── cr3.png
│   ├── cr4.png
│   ├── cy1.png
│   ├── cy2.png
│   ├── editor.png
│   ├── f1.png
│   ├── f2.png
│   ├── f3.png
│   ├── f4.png
│   ├── facebookl.png
│   ├── instagraml.png
│   ├── linkedinl.png
│   ├── logo.png
│   ├── order.png
│   ├── product_1.jpg
│   ├── product_2.jpg
│   ├── product_3.jpg
│   ├── s1.jpg
│   ├── s2.jpg
│   ├── s1.jpg
│   ├── s1.jpg
│   └── up.png
├── /css
│   ├── w1867067_buy_products_page.css
│   ├── w1867067_help.css
│   ├── w1867067_navigation_bar.css
│   ├── w1867067_presentation_page.css
│   └── w1867067editor_page.css
├── /js
│   └── w1867067_buy_products_page_controller.js
├── buy_products_page.html
├── editor_page.html
├── help.html
└── index.html

```

index.html[ Fig.2 ]

```
<!DOCTYPE html>
<!--web page created by Sandeepa Induwara Samaranayake-
sandeepa.20210302@iit.ac.lk web design and development group coursework-->
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="refresh" content="7; url= buy_products_page.html">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <!-- link our css file -->
  <link href="css/w1867067_navigation_bar.css" rel="stylesheet"/>
  <link href="css/w1867067_presentation_page.css" rel="stylesheet"/>
  <!-- set title of the pages -->
  <title>Presentation page</title>
</head>

<body id="slide_background_image">
<!--preloading all background images already to ensure seamless transitions-->
<div id="preload">
  
  
  
  
  
  
</div>
<!--this is the navigation bar-->
<div class="header">
  <nav>
    <a href="#">
      <div class="our_logo">
        
        <span>Athlete Zone.</span>
      </div>
    </a>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="buy_products_page.html">Buy Products</a></li>
      <li><a href="#">Queries</a></li>
      <li><a href="#">Quiz</a></li>
      <li><a href="#">Site Map</a></li>
      <li><a href="#">Student Details</a></li>
      <li><a href="#">Thumbnails</a></li>
      <li><a href="help.html">Help</a></li>
    </ul>
  </nav>
</div>
<!--end of navigation bar-->
```

```

<!--this is the webpage content-->
<div class="parent_content ">
  <div class="content slide-left">
    <h1>Athlete<br>Zone</h1>
    <p class="slide-left">Athlete Zone is a World Wide Sports Accessories
Making Company</p>
    <a href="#" class="btns">Thumbnails</a>
    <a href="#" class="btns">Help</a>
  </div>
  <div class="developers slide-left">
    <h3>This is our developers.</h3>
    <ul>
      <li>S1 -Sandeepa Induwara Samaranayake</li>
      <li>S2-Chamodh Bandara Abeykoon</li>
      <li>S3-Srinayaka Palliyaguru Ge Kalindu Lokith</li>
      <li>S4-Kumod Hasindu Munasinghaarachchi </li>
    </ul>
  </div>
</div>
<!-- footer section starts here -->
<section class="footer">
  <div class="container text-center text-white">
    <p>All rights reserved. Designed By <a
href="editor_page.html">Sandeepa Induwara Samaranayake</a></p>
  </div>
</section>
<!-- footer section ends here -->
<!--end of webpage content-->
</body>
</html>

```

W1867067\_presentation\_page.css[ Fig. 3 ]

```

/* created by sandeepa induwara samaranayake - sandeepa.20210302@iit.ac.lk */

/* css style for whole page */
*
{
  margin: 0%;
  padding: 0%;
  font-family:'Poppins', 'sans-serif';
}
/* end of css style for whole page*/

/* start css style for background image*/

```



```
#slide_background_image
{
    width: 100%;
    height: 100%;
    overflow: hidden; /* hide if the content
is too big to fit in to the background */
    background-position:center;
    background-size:cover; /* this will cover our
whole display with the image */
    background-attachment: fixed;
    background-repeat: no-repeat; /* background is not
going to repeat */
    animation: slidebg 15s linear infinite 0s;
    animation-timing-function: ease-in-out;
    background-image: url(../images/backdrop_1.jpg);
}
/* end of css styling for background images*/
@keyframes slidebg /* here we are definning how keyframes should be added
inside the given time period 4s or any value */
{
    0%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_1.jpg);
    }
    25%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_2.jpg);
    }
    50%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_3.jpg);
    }
    75%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_4.jpg);
    }
    100%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_5.jpg);
    }
}
/* end css style for background images */
```

```
/* we are loading images to cache with the page, because of lagging images
when transitioning one background to another. this will hide the loaded images
*/
div#preload
{
    display: none;
}
/* style title and subtitle*/
.content
{
    margin-top: 5%;
    margin-left: 9%;
    color: #fff;
    float: left;
    width: 50%;
}
/* style h1 tage in content class*/
.content h1
{
    font-size: 100px;
    font-weight: 600;
    line-height: 140px;
}
/* style p tage in content class*/
.content p
{
    max-width: 500px;
    line-height: 28px;
    padding-bottom: 5%;
}
/* style h3 in developers class*/
.developers h3
{
    padding-bottom: 20px;
    font-size: 35px;
    font-weight: 400;
}
/* style developers information*/
.developers
{
    margin-top: 3%;
    margin-left: 0%;
    color: #fff;
    padding-top: 10%;
    font-size: 23px;
```

```
    font-weight: 250;
}
.content a
{
    color: #fff;
    text-decoration: none;
}
.btns
{
    border: 2px solid #fff;
    padding: 10px 35px;
    border-radius: 30px;
    margin-left: 0%;
}

/*start of css animations to content - here we are creating an animation to
slide the site content from right to left*/
.slide-left
{
    animation: slideleft 2s linear forwards;
}
/* adding keyframes to our created animation*/
@keyframes slideleft
{
    0%{
        transform: translate(100px); /* set the transformation of content */
        opacity: 0;
    }
    100%{
        transform: translate(0px); /* set the transformation of content */
        opacity: 1;
    }
}
/*end of css animations to content*/

/* this is for footer */
.container
{
    width: 80%;
    margin: 0 auto;
    padding: 0%;
}
.text-center
{
    text-align: center;
}
.text-white
{

```

```

        color: #ffffff;
    }
    .footer
    {
        margin-top: 12%;
    }
    .footer a:hover
    {
        color: #ff4757;
    }
    .footer a
    {
        color: #ffffff;
        text-decoration: none;
    }
    /* end of styling footer */

```

buy\_products\_page.html[ Fig. 4 ]

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Buy Products</title>
    <!-- link our javascript file -->
    <script type="text/javascript"
src="js/w1867067_buy_products_page_controller.js" defer></script>
    <!-- link our css file -->
    <link href="css/w1867067_navigation_bar.css" rel="stylesheet"/>
    <link href="css/w1867067_buy_products_page.css" rel="stylesheet">
</head>

<body id="slide_background_image">
<!--preloading all background images already to ensure seamless transitions-->
<div id="preload">
    
    
    
    
    
    
    
</div>

<!--this is the navigation bar-->
<div class="header">
    <nav>

```

```

    <a href="#">
    <div class="our_logo">
        
        <span>Athlete Zone.</span>
    </div>
</a>
<ul>
    <li><a href="#">Home</a></li>
    <li><a href="buy_products_page.html">Buy Products</a></li>
    <li><a href="#">Queries</a></li>
    <li><a href="#">Quiz</a></li>
    <li><a href="#">Site Map</a></li>
    <li><a href="#">Student Details</a></li>
    <li><a href="#">Thumbnails</a></li>
    <li><a href="help.html">Help</a></li>
</ul>
</nav>
</div>
<!--end of navigation bar-->

<!--fresh products Section Starts Here-->
<section class="fresh_products">
    <div class="container">
        <h2 class="text-center">Explore Our Fresh Products</h2>

        <a href="#badminton">
            <div class="box-3 float-container">
                
                <h3 class="float-text text-white container1_text_align">Oliver
Racket</h3>
            </div></a>

        <a href="#cycling">
            <div class="box-3 float-container">
                
                <h3 class="float-text text-white container2_text_align">Scott
Sport Bicycle</h3>
            </div></a>

        <a href="#basketball">
            <div class="box-3 float-container">
                
                <h3 class="float-text text-white
container3_text_align">BasketBall Hoops</h3>
            </div></a>

```

```

        <div class="clearfix"></div>
    </div>
</section>
<!--fresh products Section ends here-->

<!--products navigation bar starts here-->
<div id="product_nav" class="products_nav_bar">
    <ul class="product_list">
        <li><a class="active" href="#football">FootBall</a></li>
        <li><a href="#cricket">Cricket</a></li>
        <li><a href="#basketball">BasketBall</a></li>
        <li><a href="#skating">Skating</a></li>
        <li><a href="#cycling">Cycling</a></li>
        <li><a href="#badminton">Badminton</a></li>
    </ul>
</div>
<div class="action_btns">
    <ul>
        <li><a href="#shopping_cart"></a></li>
        <li><a href="#personal_info"></a></li>
        <li><a href="#invoice_h2"></a></li>
    </ul>
</div>
<!--products navigation bar ends here-->

<!--football products showcase start here-->
<section class="products_list"><br><br><br>
    <div class="container">
        <h2 id="football" class="text-center">FootBall<a
href="#product_nav"></a></h2>

        <div class="product-box">
            <div class="product-img">
                
            </div>

            <div class="product-desc">
                <h4 class="product-name">Bags & Cases</h4>
                <p class="product-price">$40</p>
                <label for="amount">Quantity :</label>
                <input type="text" class="amount" name="amount">
                <label>Available : <span
class="quantity">500</span></label>

```

```

        <p class="product-detail">Premier Promotional Bags Cases
and Cotton Totes for Events</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>

    <div class="product-box">
        <div class="product-img">
            
        </div>

        <div class="product-desc">
            <h4 class="product-name">PVC Footballs</h4>
            <p class="product-price">$50</p>
            <label for="amount">Quantity :</label>
            <input type="text" class="amount" name="amount">
            <label>Available : <span
class="quantity">100</span></label>
            <p class="product-detail">Match Ready PVC Footballs High
Gloss High Quality durable.</p>
            <br>
            <a class="order_now btn btn-primary">Order Now</a>
            <a class="add_to_cart btn btn-primary">Add to cart</a>
        </div>
    </div>

    <div class="product-box">
        <div class="product-img">
            
        </div>
        <div class="product-desc">
            <h4 class="product-name">Football shoes</h4>
            <p class="product-price">$20</p>
            <label for="amount">Quantity :</label>
            <input type="text" class="amount" name="amount">
            <label>Available : <span
class="quantity">20</span></label>
            <p class="product-detail">Vector X Dynamic Football shoes,
(Silver), high quality</p>
            <br>
            <a class="order_now btn btn-primary">Order Now</a>
            <a class="add_to_cart btn btn-primary">Add to cart</a>
        </div>
    </div>

```

```

        <div class="product-box">
            <div class="product-img">
                
            </div>

            <div class="product-desc">
                <h4 class="product-name">Athletic Socks</h4>
                <p class="product-price">$10</p>
                <label for="amount">Quantity :</label>
                <input type="text" class="amount" name="amount">
                <label>Available : <span class="quantity">5</span></label>
                <p class="product-detail">BLITZSOX Hi-Tech Performance
Athletic Socks , Pack of 3</p>
                <br>
                <a class="order_now btn btn-primary">Order Now</a>
                <a class="add_to_cart btn btn-primary">Add to cart</a>
            </div>
        </div>

        <div class="clearfix"></div>
    </div>
</section>
<!-- football products showcase end here -->

<!-- cricket products showcase start here-->
<section class="products_list">
    <div class="container">
        <h2 id="cricket" class="text-center">Cricket<a
href="#product_nav"></a></h2>

        <div class="product-box">
            <div class="product-img">
                
            </div>

            <div class="product-desc">
                <h4 class="product-name">Guard Cricket Helmet</h4>
                <p class="product-price">$30</p>
                <label for="amount">Quantity :</label>
                <input type="text" class="amount" name="amount">
                <label>Available : <span
class="quantity">800</span></label>
                <p class="product-detail">Guard Cricket Helmet for Mens
and Boys. High quality High durable.</p>
                <br>

```



```

        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>

<div class="product-box">
    <div class="product-img">
        
    </div>

    <div class="product-desc">
        <h4 class="product-name">Cricket Shoe</h4>
        <p class="product-price">$80</p>
        <label for="amount">Quantity :</label>
        <input type="text" class="amount" name="amount">
        <label>Available : <span
class="quantity">2000</span></label>
        <p class="product-detail">Feroc Swing Red Cricket Shoe for
men and boys.High quality,durable</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>

<div class="product-box">
    <div class="product-img">
        
    </div>

    <div class="product-desc">
        <h4 class="product-name">Cricket Bat</h4>
        <p class="product-price">$100</p>
        <label for="amount">Quantity :</label>
        <input type="text" class="amount" name="amount">
        <label>Available : <span
class="quantity">400</span></label>
        <p class="product-detail">Cricket Bat Full Size Willow
Cricket BAT for Tennis Ball, Leather Ball</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>

<div class="product-box">

```

```

        <div class="product-img">
            
        </div>

        <div class="product-desc">
            <h4 class="product-name">Cricket Kit Bag</h4>
            <p class="product-price">$500</p>
            <label for="amount">Quantity :</label>
            <input type="text" class="amount" name="amount">
            <label>Available : <span
class="quantity">243</span></label>
            <p class="product-detail">Cricket Bag for professional
players High quality durable.</p>
            <br>
            <a class="order_now btn btn-primary">Order Now</a>
            <a class="add_to_cart btn btn-primary">Add to cart</a>
        </div>
    </div>

    <div class="clearfix"></div>
</div>
</section>
<!-- cricket products showcase end here -->
<!-- basketball products showcase start here -->
<section class="products_list">
    <div class="container">
        <h2 id="basketball" class="text-center">BasketBall<a
href="#product_nav"></a></h2>

        <div class="product-box">
            <div class="product-img">
                
            </div>

            <div class="product-desc">
                <h4 class="product-name">Basketball Ring</h4>
                <p class="product-price">$100</p>
                <label for="amount">Quantity :</label>
                <input type="text" class="amount" name="amount">
                <label>Available : <span
class="quantity">521</span></label>
                <p class="product-detail">Nylon Basketball Ring with Net &
Screw/Bolts , Blue</p>
                <br>
                <a class="order_now btn btn-primary">Order Now</a>
                <a class="add_to_cart btn btn-primary">Add to cart</a>
            </div>
        </div>
    </div>

```

```

        </div>
    </div>

    <div class="product-box">
        <div class="product-img">
            
        </div>

        <div class="product-desc">
            <h4 class="product-name">Rubber Basketball</h4>
            <p class="product-price">$60</p>
            <label for="amount">Quantity :</label>
            <input type="text" class="amount" name="amount">
            <label>Available : <span
class="quantity">43</span></label>
            <p class="product-detail">PSE Rubber Basketball, Size 7
(Orange) high quality</p>
            <br>
            <a class="order_now btn btn-primary">Order Now</a>
            <a class="add_to_cart btn btn-primary">Add to cart</a>
        </div>
    </div>

    <div class="product-box">
        <div class="product-img">
            
        </div>

        <div class="product-desc">
            <h4 class="product-name">Basketball Shoes</h4>
            <p class="product-price">$200</p>
            <label for="amount">Quantity :</label>
            <input type="text" class="amount" name="amount">
            <label>Available : <span
class="quantity">90</span></label>
            <p class="product-detail">Step Out & Play 1171BK Mesh
Combat 2.0 Basketball Shoes</p>
            <br>
            <a class="order_now btn btn-primary">Order Now</a>
            <a class="add_to_cart btn btn-primary">Add to cart</a>
        </div>
    </div>

    <div class="product-box">
        <div class="product-img">

```

```

        
    </div>

    <div class="product-desc">
        <h4 class="product-name">Pressure Air Pump</h4>
        <p class="product-price">$90</p>
        <label for="amount">Quantity :</label>
        <input type="text" class="amount" name="amount">
        <label>Available : <span
class="quantity">63</span></label>
        <p class="product-detail">Pressure Air Pump for
BasketBalls powerful high quality</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>
<div class="clearfix"></div>
</div>
</section>
<!-- basketball products showcase end here-->

<!-- skating products showcase start here-->
<section class="products_list">
    <div class="container">
        <h2 id="skating" class="text-center">Skating<a
href="#product_nav"></a></h2>

        <div class="product-box">
            <div class="product-img">
                
            </div>

            <div class="product-desc">
                <h4 class="product-name">Skating PVC Helmet</h4>
                <p class="product-price">$40</p>
                <label for="amount">Quantity :</label>
                <input type="text" class="amount" name="amount">
                <label>Available : <span
class="quantity">920</span></label>
                <p class="product-detail">Protective PVC Helmet Skating
and Cycling Durable , High quality for boys and girls</p>
                <br>
                <a class="order_now btn btn-primary">Order Now</a>
                <a class="add_to_cart btn btn-primary">Add to cart</a>
            </div>

```

```

    </div>

    <div class="product-box">
        <div class="product-img">
            
        </div>

        <div class="product-desc">
            <h4 class="product-name">Adjustable Inline Skates</h4>
            <p class="product-price">$20</p>
            <label for="amount">Quantity :</label>
            <input type="text" class="amount" name="amount">
            <label>Available : <span
class="quantity">580</span></label>
            <p class="product-detail">Adjustable Inline Skates with
Illuminating Wheels | Upgraded Roller Skates for boys and girls</p>
            <br>
            <a class="order_now btn btn-primary">Order Now</a>
            <a class="add_to_cart btn btn-primary">Add to cart</a>
        </div>
    </div>
    <div class="clearfix"></div>
</div>
</section>
<!-- skating products showcase end here-->

<!-- cycling products showcase start here-->
<section class="products_list">
    <div class="container">
        <h2 id="cycling" class="text-center">Cycling<a
href="#product_nav"></a></h2>

        <div class="product-box">
            <div class="product-img">
                
            </div>

            <div class="product-desc">
                <h4 class="product-name">Scott Alloy Bicycle</h4>
                <p class="product-price">$2300.3</p>
                <label for="amount">Quantity :</label>
                <input type="text" class="amount" name="amount">
                <label>Available : <span
class="quantity">600</span></label>
                <p class="product-detail">Scott Sports Hybrid Alloy
Bicycle, Shimano Gears,700 * 35C, DISC Brake</p>

```

```

        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>

<div class="product-box">
    <div class="product-img">
        
    </div>

    <div class="product-desc">
        <h4 class="product-name">Bicycle Air Pump</h4>
        <p class="product-price">$40</p>
        <label for="amount">Quantity :</label>
        <input type="text" class="amount" name="amount">
        <label>Available : <span
class="quantity">900</span></label>
        <p class="product-detail">Double Action Bicycle Air Pump ,
Ball Pump Easy to handle high quality</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>
<div class="clearfix"></div>
</div>
</section>
<!-- cycling products showcase end here-->

<!-- Badminton products showcase start here-->
<section class="products_list">
    <div class="container">
        <h2 id="badminton" class="text-center">Badminton<a
href="#product_nav"></a></h2>

        <div class="product-box">
            <div class="product-img">
                
            </div>

            <div class="product-desc">
                <h4 class="product-name">Oliver Badminton racket</h4>
                <p class="product-price">$200</p>
                <label for="amount">Quantity :</label>
                <input type="text" class="amount" name="amount">

```

```

        <label>Available : <span
class="quantity">340</span></label>
        <p class="product-detail">Oliver racket Aluminum Blend
Badminton racket with Full Cover</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>

<div class="product-box">
    <div class="product-img">
        
    </div>

    <div class="product-desc">
        <h4 class="product-name">Badminton Shuttlecock</h4>
        <p class="product-price">$30</p>
        <label for="amount">Quantity :</label>
        <input type="text" class="amount" name="amount">
        <label>Available : <span
class="quantity">256</span></label>
        <p class="product-detail">Badminton Shuttlecock Pack of 10
Feather Shuttle Cock (White)</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>

<div class="product-box">
    <div class="product-img">
        
    </div>

    <div class="product-desc">
        <h4 class="product-name">Nylon Badminton Net</h4>
        <p class="product-price">$80</p>
        <label for="amount">Quantity :</label>
        <input type="text" class="amount" name="amount">
        <label>Available : <span
class="quantity">8000</span></label>
        <p class="product-detail">Nylon Badminton Net for indoor
and outdoor use</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>

```

```

        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>

<div class="product-box">
    <div class="product-img">
        
    </div>

    <div class="product-desc">
        <h4 class="product-name">Badminton Kit Bags</h4>
        <p class="product-price">$50</p>
        <label for="amount">Quantity :</label>
        <input type="text" class="amount" name="amount">
        <label>Available : <span
class="quantity">12</span></label>
        <p class="product-detail">Badminton Kit Bags, with Extra
Phone Compartment</p>
        <br>
        <a class="order_now btn btn-primary">Order Now</a>
        <a class="add_to_cart btn btn-primary">Add to cart</a>
    </div>
</div>
<div class="clearfix"></div>
</div>
</section>
<!-- Badminton products showcase end here-->
<!-- product showcase end here -->

<!--starting cart section-->
<section class="cart">
    <div class="cart_container">
        <h2 id="shopping_cart" class="text-center">Shopping Cart<a
href="#product_nav"></a></h2>
        <div class="cart-box">
            <div class="cart-table">
                <table id="shopping_cart_table" class="cart-table">
                    <tr>
                        <th>Product Name</th>
                        <th>Quantity</th>
                        <th>Price for 1 piece</th>
                        <th>Total Price</th>
                        <th>Product Detail</th>
                        <th>Place a Order</th>
                        <th>Remove Item</th>
                    </tr>
                    <tr></tr>
                </table>
            </div>
        </div>
    </div>

```



```

        <tr></tr>
        <tr></tr>
        <tr></tr>
    </table>
</div>
</div>
</div>
</section>
<!-- end of cart section-->

<!-- starting personal details section -->
<section class="personal_details">
    <div class="personal_details_container">
        <h2 id="personal_info" class="text-center">Personal Details<a
href="#product_nav"></a></h2>
        <div class="personal-details-box">
            <label for="fname">First Name</label>
            <input type="text" id="fname" name="firstname"
placeholder="Your First Name">

            <label for="lname">Last Name</label>
            <input type="text" id="lname" name="lastname"
placeholder="Your Last Name">

            <label for="tel_no">Mobile No</label>
            <input type="text" id="tel_no" name="tel_no"
placeholder="Your Mobile No eg : 0706754456">

            <label for="email">Email Address</label>
            <input type="text" id="email" name="email_address"
placeholder="Your Email Address eg : someone@mail.com">

            <label for="country">Country</label>
            <select id="country" name="country">
                <option value="Sri Lanka">Sri Lanka</option>
                <option value="Canada">Canada</option>
                <option value="USA">USA</option>
                <option value="South-Africa">South Africa</option>
                <option value="Japan">Japan</option>
                <option value="Korea">Korea</option>
                <option value="China">China</option>
                <option value="Russia">Russia</option>
                <option value="India">India</option>
                <option value="England">England</option>
            </select>
            <button id="submit_btn">Place Order</button>
        </div>
    </div>
</div>

```

```

</section>
<!-- end of personal details section-->
<!-- start of invoice section-->
<section class="invoice">
  <div class="invoice_container">
    <h2 class="text-center">Invoice<a id="invoice_h2"
href="#product_nav"></a></h2>
    <div class="invoice-box">
      <label class="invoice_label"><span
id="invoice_showcase"></span></label>
    </div>
  </div>
</section>
<!-- end of invoice section-->

<!-- footer section starts here -->
<section class="footer">
  <div class="container text-center text-white">
    <p>All rights reserved. Designed By <a
href="editor_page.html">Sandeepa Induwara Samaranayake</a></p>
  </div>
</section>
<!-- footer section ends here -->

</body>
</html>

```

w1867067\_buy\_products\_page.css[ Fig. 5 ]

```

/* css for all */
*{
  margin: 0 0;
  padding: 0 0;
  font-family:'Poppins', 'sans-serif';
}
/* end of css for all */

/* we are loading images to cache with the page, because of lagging images
when transitioning one background to another. this will hide the loaded images
*/
div#preload
{
  display: none;
}

/* add css for background images */

```

```
#slide_background_image
{
    background-attachment: fixed; /*fix the background image. so now
background image doesn't move with the content*/
    background-repeat: no-repeat; /* we are not going repeat the image*/
    background-size:100% auto; /* set background with as 100% and height as
auto*/
    background-position: center; /* set the image position which we want to
display*/
    animation: slidebg 60s linear infinite 0s;
    animation-timing-function: ease-in-out;
    background-image: linear-gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)),
url(../images/backdrop_11.jpg); /* adding a linear gradiant to the background
image*/
}

/* background image animation using keyframes */
@keyframes slidebg /* here we are definning how keyframes should be added
inside the given time period 4s or any value */
{
    0%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_6.jpg);
    }
    25%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_7.jpg);
    }
    50%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_8.jpg);
    }
    75%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_9.jpg);
    }
    100%
    {
        background-image: linear-
gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5)), url(../images/backdrop_10.jpg);
    }
}

/* end of css styling for background images */
```

```
/* set image borders for fresh products section */
.fresh_products img
{
    border: 2px #fff solid;
}

/* set properties for containers*/
.container
{
    width: 80%;
    margin: 0 auto;
    padding: 0%;
}

/* set image width 100% */
.img-responsive
{
    width: 100%;
}

/* set image border radius*/
.img-curve
{
    border-radius: 15px;
}

/* this will set text align to right*/
.text-right
{
    text-align: right;
}

/* this will set text align to center*/
.text-center
{
    text-align: center;
}

/* this will set text align to left*/
.text-left
{
    text-align: left;
}

/* this will set text color to white*/
.text-white
{
    color: white;
}

/* clear the float property */
.clearfix
{
    clear: both;
    float: none;
}
```

```
}
/* this will be used in links*/
a
{
    color: #ffffff;
    text-decoration: none;
}
/* set a hover effect to anchor tags*/
a:hover
{
    color: #ff4757;
}
/* this will apply styles to btns*/
.btn
{
    padding: 2%;
    border: none;
    font-size: 1rem;
    border-radius: 5px;
}
/* this will set primary properties for buttons*/
.btn-primary
{
    background-color: #ff6b81;
    color: white;
    cursor: pointer;
}
/* this will set hover effect for btn-primary class*/
.btn-primary:hover
{
    color: white;
    background-color: #ff4757;
}
/* this will set h2 properties*/
h2
{
    color: #fff;
    font-size: 2rem;
    margin-bottom: 2%;
}
/* this will set properties for h2 tags inside the container class*/
.container h2
{
    margin-top: 2%;
    margin-bottom: 4%;
}
/* this will set properties for img tags */
.container h2 img
```

```
{
    float: right;
}
/* this will set h3 properties*/
h3
{
    font-size: 1.5rem;
}
/* this will set the properties for 3 fresh products containers */
.float-container
{
    position: relative;
    padding-top: 4%;
}
/* this will set the properties for 3 texts inside the 3 fresh products
containers */
.float-text
{
    position: absolute;
    bottom: 50px;
}

/* these will set the alignment for 3 texts inside the 3 fresh products
containers */
.container1_text_align
{
    left: 21%;
}
.container2_text_align
{
    left: 13%;
}
.container3_text_align
{
    left: 16%;
}
/* end of setting alignment for 3 texts inside the 3 fresh products containers
*/

/* _____ */
/* styling products navigation bar*/
.products_nav_bar
{
    /* 2% 17%*/
    margin: 2% 17%;
}
.products_nav_bar:hover
```

```
{
  opacity: 70%;
}
.product_list
{
  list-style-type: none;
  margin: 0;
  padding: 0% 12%;
  overflow: hidden;
  background-color: linear-gradient(rgba(5,0,136,0.5),rgba(5,0,136,0.5));
}
.product_list li:hover
{
  color: #333;
}
.product_list li
{
  float: left;
}
.product_list li a
{
  display: block;
  color: white;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}
.product_list li a:hover
{
  background-color: #333;
}
/* end of products navigation bar */

/* start styling 3 circular btns*/
.action_btns ul
{
  list-style-type: none;
  margin: 3% 13%;
}
.action_btns li
{
  float: left;
}
.action_btns li a
{
  display: block;
  padding: 10px 10px;
}
```

```
.action_btns li a:hover
{
    opacity: 60%;
}
.action_btns
{
    display: inline;
}
/* end styling 3 circular btns*/

/*
_____ */
/* CSS for fresh products */
.fresh_products
{
    padding: 4% 0;
}

/* set a properties to box-3 class which will add to 3 fresh product
containers */
.box-3
{
    width: 28%;
    float: left;
    margin: 2%;
    opacity: 75%;
}
/* set hover transition effects to box-3 class which will add to 3 fresh
product containers */
.box-3:hover
{
    position: relative;
    transform: translateY(-20px);
    transition: 1s;
    opacity: 100%;
}

/* this will set set properties for product boxes*/
.product-box
{
    width: 43%;
    margin: 1%;
    padding: 2%;
    float: left;
    background-color: white;
    border-radius: 15px;
    opacity: 85%;
}
```



```
/* start of styling shopping cart*/
.cart-box
{
    width: 72.5%;
    margin: 0% 11%;
    margin-top: 2%;
    padding: 2%;
    float: left;
    background-color: white;
    border-radius: 15px;
    opacity: 85%;
}
.cart_container h2
{
    padding-top: 3%;
    margin-left: 10%;
}
.cart_container img
{
    float: right;
    margin-right: 11%;
}
.cart-table
{
    border-collapse: collapse;
    width: 100%;
}
.cart-table tr
{
    height: 100px;
}
.cart-table td,th
{
    padding: 8px;
    text-align: left;
    border-bottom: 1px solid #ddd;
}
/* this will style the buttons inside the cart table */
.cart-table button
{
    font-size: 11px;
    padding: 10px 4px;
}

/* end of styling shopping cart*/

/* start of personal details section*/
.personal-details-box
```

```
{
  width: 73.5%;
  margin: 0% 10%;
  margin-top: 2%;
  padding: 2%;
  float: left;
  background-color: white;
  border-radius: 15px;
  opacity: 85%;
}
.personal_details_container h2
{
  padding-top: 3%;
  margin-left: 10%;
  margin-top: 5%;
}
.personal_details_container img
{
  float: right;
  margin-right: 11%;
}
.personal_details_container
{
  padding-top: 24%;
  margin-left: 1.2%;
  margin-right: 0.1%;
  margin-top: 18%;
}
input[type=text] ,select
{
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  border-radius: 4px;
  box-sizing: border-box;
}
button
{
  width: 100%;
  background-color: #ff6b81;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}
```

```
}
button:hover
{
    background-color: #ff4757;
}
/* end of personal details section*/

/* start of invoice style*/
.invoice-box
{
    width: 73.5%;
    margin: 0% 10%;
    margin-top: 2%;
    padding: 2%;
    float: left;
    background-color: white;
    border-radius: 15px;
    opacity: 85%;
}
.invoice_container h2
{
    padding-top: 48%;
    margin-left: 10%;
}
.invoice_container img
{
    float: right;
    margin-right: 11%;
}
.invoice_container
{
    margin-left: 1.2%;
    margin-right: 0.1%;
}
/* we are applying height for invoice-box class. vh means vertical height */
.invoice-box
{
    width: fit-content;
    height: fit-content;
    min-height: 80vh;
    min-width: 73.5%;
}
/* end of invoice style*/

/* this will set product image properties*/
.product-img
{
    width: 20%;
```

```
float: left;
}
/* this will style product description*/
.product-desc
{
    width: 70%;
    float: left;
    margin-left: 8%;
}
/* this will style product price field*/
.product-price
{
    font-size: 1.2rem;
    margin: 2% 0;
}
.product-detail
{
    font-size: 1rem;
    color: #747d8c;
}

/* CSS for Mobile Size or Smaller Screen */
@media only screen and (max-width:768px){

    .btn
    {
        width: 91%;
        padding: 2%;
    }
    .fresh_products
    {
        padding: 20% 0;
    }
    h2
    {
        margin-bottom: 10%;
    }
    .box-3
    {
        width: 100%;
        margin: 4% auto;
    }

    .products_list
    {
        padding: 20% 0;
    }
}
```

```
.product-box
{
    width: 90%;
    padding: 5%;
    margin-bottom: 5%;
}
}
```

editor\_page.html[ Fig. 6 ]

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <link rel="stylesheet" href="css/w1867067editor_page.css">
    <link rel="stylesheet" href="css/w1867067_navigation_bar.css">
<title>My details</title>
</head>
<body>
    <!--this is the navigation bar-->
<div class="header" id="top">
    <nav>
        <a href="#">
            <div class="our_logo">
                
                <span>Athlete Zone.</span>
            </div>
        </a>
        <ul>
            <li><a href="#">Home</a></li>
            <li><a href="buy_products_page.html">Buy Products</a></li>
            <li><a href="#">Queries</a></li>
            <li><a href="#">Quiz</a></li>
            <li><a href="#">Site Map</a></li>
            <li><a href="#">Student Details</a></li>
            <li><a href="#">Thumbnails</a></li>
            <li><a href="#">Help</a></li>
        </ul>
    </nav>
</div>
<!--end of navigation bar-->
<div class="round">
    <h2 class="name">Sandeepa Induwara Samaranayake</h2>
    <h3 class="student">Student-01<br>IIT Student number: 20210302<br>UOW
Number: w1867067</h3>
    <br><br>
```

```

<h4 class="roll">My roll in this coursework</h4>

<ul class="unoredredlist1" ><!--&nbsp; for leave a space-->
  <li><p> &nbsp;&nbsp;&nbsp;Create the Presentation page</p></li>
  <li><p> &nbsp;&nbsp;&nbsp;Create the Buy Products Page</p></li>
  <li><p> &nbsp;&nbsp;&nbsp;Create Editors page</p></li>
  <li><p> &nbsp;&nbsp;&nbsp;Create three external CSS files for above pages</p>
</li>
  <li><p> &nbsp;&nbsp;&nbsp;Create a Javascript for buy products page</p></li>
  <li><p> &nbsp;&nbsp;&nbsp;Help to create the main page</p></li>
  <li><p> &nbsp;&nbsp;&nbsp;Help to create an additional content page(help
page)</p></li>
</ul><br>
<h4 class="task"> Task I completed </h4>

<ul class="unoredredlist2">
  <li><p> &nbsp;&nbsp;&nbsp;I'm responsible for the Presentation Page, the Buy
Products Page and the Editor's page</p></li>
  <li><p> &nbsp;&nbsp;&nbsp;I completed three external stylesheets for above
pages</p></li>
  <li><p> &nbsp;&nbsp;&nbsp;I'm responsible for the Javascript which is written for
Buy Products Page</p></li>
  <li><p> &nbsp;&nbsp;&nbsp;I also created a cart in the Buy Products Page as an
additional feature which allows user to add their favorite
products in it and also help to keep the track of choosen
products.</p></li>
</ul>
<br><br><br><br>
<div class="btns">
  <a href="index.html" id="presentation_page">
    <input type="button" value="To Presentation Page">
  </a>

  <a href="buy_products_page.html" id="buy_products">
    <input type="button" value="To Buy Products Page">
  </a><br>

  <a href="#top" id="linktotop">
    <input type="button" value="TOP">
  </a>
</div>
</div>
</body>
</html>

```

w1867067editor\_page.css[ Fig. 7]

```

/* css style for whole page */
*
{
    margin-top: 0px;
    padding: 0px;
    font-family:'Poppins', 'sans-serif';
}
body
{
    background-attachment: fixed; /* fix the background. now background
image is not going to scroll*/
    background-position: center; /* center the background image */
    background-image:linear-gradient(rgba(50, 2, 182, 0.364),rgba(4, 59, 131,
0.5)), url("../images/editor.jpg"); /* adding a linear gradiant*/
    background-repeat: no-repeat;
    background-size: cover;
    color:GhostWhite;
    text-align:center;
    margin-top: 0px;
    margin-right: 0px;
    margin-left: 0px;
}
.name
{
    text-align:center;
}
.student
{
    text-align:center;
}
.roll
{
    text-align:center;color:yellow;
}
.unoredredlist1
{
    text-align:center;list-style-type:none;color:BlanchedAlmond;
}
.task
{
    text-align:center;color:yellow;
}
.unoredredlist2
{
    text-align:center;list-style-type:none;color:BlanchedAlmond;
}

```

```

.round
{
    width:60%;
    border-radius: 30px;
    background: rgba(0,0,0,.6);
    padding:40px;
    margin:auto;
    margin-top: 5%;
    color:white;
}

img
{
    text-align:center;
}

.btns a
{
    text-decoration: none;
}

.btns input
{
    border: 2px solid #fff;
    padding: 10px 35px;
    border-radius: 30px;
    margin-right: 10px;
    margin-left: 0%;
    margin-bottom: 4%;
}

```

help.html[ Fig. 8]

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Help Page</title>
    <link rel="stylesheet" type="text/css" href="css/w1867067_help.css">
</head>

<body>
    <div id="help">
        <div class="header" id="totop">
            <nav>
                <a href="#">
                    <div class="our_logo">
                        
                        <span>Athlete Zone.</span>

```



```

        </div>
    </a>
    <ul>
        <li><a href="#">Home</a></li>
        <li><a href="buy_products_page.html">Buy
Products</a></li>
        <li><a href="#">Queries</a></li>
        <li><a href="#">Quiz</a></li>
        <li><a href="#">Site Map</a></li>
        <li><a href="#">Student Details</a></li>
        <li><a href="#">Thumbnails</a></li>
        <li><a href="help.html">Help</a></li>
    </ul>
</nav>
</div>

<h1 style="color: white; text-align: center"> We are Here to help
</h1>

</div>

<br/><br/><br/>

<ol class="olist">
    <li><a href="#"> presentation page</a></li>
    <li><a href="#"> By Products</a></li>
    <ol class="bm">
        <li>Sandeepa Induwara</li>
        <ol class="kk">
            <li>0703568837</li>
            <li><a href="sandeepa.20210302@iit.ac.lk ">
sandeepa.20210302@iit.ac.lk </a></li>
        </ol>
        </ol>
    </ol>

    <div class="footer">
        <span>©2022. All Rights Reserved.</span>
        <div class="social">
            Find Us on:
            <a href="https://www.facebook.com/"></a>
            <a href="https://www.instagram.com/"></a>
            <a href="https://www.linkedin.com/"></a>
            <a href="https://twitter.com/"></a>

```

```

        </div>
    </div>

    <br/><br/><br/>

    <ol class="olist">
        <li><a href="#"> Main page</a></li>
        <li><a href="#"> Query Form</a></li>
        <ol class="bm">
            <li>Chamod Bandara</li>
            <ol class="kk">
                <li>0773653126</li>
                <li> <a href="chamod.20210384@iit.ac.lk">
chamod.20210384@iit.ac.lk</a></li>
            </ol>
        </ol>
    </ol>

    <div class="footer">
        <span>©2022. All Rights Reserved.</span>
        <div class="social">
            Find Us on:
            <a href="https://www.facebook.com/"></a>
            <a href="https://www.instagram.com/"></a>
            <a href="https://www.linkedin.com/"></a>
            <a href="https://twitter.com/"></a>
        </div>
    </div>

    <br/><br/><br/>

    <ol class="olist">
        <li><a href="#"> Quiz</a></li>
        <li><a href="#"> Student details page</a></li>
        <ol class="bm">
            <li>Kalindu Lokith</li>
            <ol class="kk">
                <li>0772502943</li>
                <li> <a href="kalindu.20210332@iit.ac.lk
">kalindu.20210332@iit.ac.lk</a></li>
            </ol>
        </ol>
    </ol>

```

```

    <div class="footer">
      <span>©2022. All Rights Reserved.</span>
      <div class="social">
        Find Us on:
        <a href="https://www.facebook.com/"></a>
        <a href="https://www.instagram.com/"></a>
        <a href="https://www.linkedin.com/"></a>
        <a href="https://twitter.com/"></a>
      </div>
    </div>

    <br/><br/><br/>

    <ol class="olist">
      <li><a href="SVG_SiteMap.html"> SVG SITE MAP</a></li>
      <li><a href="Thumbnail.html"> Thumbnail page</a></li>
      <ol class="bm">
        <li>Kumod Hansidu</li>
        <ol class="kk">
          <li>0711135925</li>
          <li><a
href="kumod.20210336@iit.ac.lk">kumod.20210336@iit.ac.lk</a></li>
        </ol>
      </ol>
    </ol>

    <div class="footer">
      <span>©2022. All Rights Reserved.</span>
      <div class="social">
        Find Us on:
        <a href="https://www.facebook.com/"></a>
        <a href="https://www.instagram.com/"></a>
        <a href="https://www.linkedin.com/"></a>
        <a href="https://twitter.com/"></a>
      </div>
    </div>
    <br><br><br>

    <!-- Back to top -->
    <a href="#help">

```

```

        
    </a>

    <section class="footer">
        <div class="container text-center text-white">
            <p>All rights reserved. Designed By <a
href="editor_page.html">Sandeepa Induwara Samaranayake</a></p>
        </div>
    </section>

</body>
</html>

```

w1867067\_help.css[ Fig. 9 ]

```

/* start of navigation bar style*/
/* this is the header(parent div) of our page*/
*{
    margin: 0%;
    padding: 0%;
    font-family: 'Poppins', 'sans-serif';
}
.header
{
    overflow: hidden;
    width: 100%;
}

/* these are the properties applicable for whole navigation bar*/
nav
{
    width: 100%;
    display: flex;
    align-items: center;
    padding: 1.2% 1%; /* 1.2% 1%*/
    transition: background 1s;
}

/* this styles only for our_logo class; flex will arrange items in a row*/
/* font-size given in viewport width, that means it scales relative to the
viewport size*/
nav .our_logo
{
    display: flex;
    align-items: center;
    font-size: 2vw; /* font size is given relative to viewport width*/
    font-weight: 600;
    color: #fff;
}

```

```
padding-right:10vw; /*10*/
}
/* this is for our company logo */
nav .our_logo img
{
    width: 60px;
    margin-right: 10px;
}
/* this will set navigation items inline without bullets. margin 10px from top
& bottom. 16px from left and right */
nav ul li
{
    display: inline-block;
    list-style: none;
    margin: 10px 16px; /* 10px 16px */
}
/* this will remove the underline of the links and set font color and weight
*/
nav a
{
    text-decoration: none;
    color: #fff;
    font-weight: 500;
}
/* when cursor enters to navigation bar opacity reduces and background color
will be white*/
nav:hover
{
    background-color: cyan;
    opacity: 30%;
}
/* set hover effect to title*/
nav:hover .our_logo
{
    color: #333;
}

/* set hover effect to list item <a> tags*/
nav:hover ul li a
{
    color: #333;
}
/* this will set a border, add a padding & border radius and increase the font
size when you hover it.*/
ul li a:hover
{
    border: 1px solid #333;
    padding: 5px 10px;
```

```
border-radius: 20px;
font-size: 18px;
}

/* reduce opacity when hover the list items*/
nav ul li:hover
{
    opacity: 90%;
}
/* end of styling navigation bar*/

body
{
    margin: 0px;
}

#help{width: 100%; height: 250px;background-color: crimson;}

h1 {
    color: white;
    text-align: center ;
    text-shadow: 2px 2px 5px rgb(0, 255, 255);
    font-size: 60px;
    letter-spacing: 8px;
}

a{
    text-decoration: none;
}

.olist{
    list-style-type: none;
    color: darkgoldenrod ;

    font-size: 40px;
    letter-spacing: 8px;
    padding-bottom: 1px;
    padding-top: 1px;
    margin-bottom: 2px;
    margin-top: 2px;
}

.bm{
    list-style-type: none;
    color: darkgoldenrod ;

    font-size: 40px;
    letter-spacing: 8px;
```

```
padding-bottom: 1px;
padding-top: 1px;
margin-bottom: 2px;
margin-top: 2px;
}

.kk{
list-style-type: none;
color: darkgoldenrod ;

font-size: 40px;
letter-spacing: 8px;
padding-bottom: 1px;
padding-top: 1px;
margin-bottom: 2px;
margin-top: 2px;
}

/*text-shadow: 2px 2px 5px rgb(76, 0, 255);*/

.footer {
position: relative;
bottom: 0;
left: 0;
right: 0;
background: #242424;
padding: 40px;
font-weight: 400;
font-size: 14px;
}

.footer span{
color: #fff;
}

/* Social Media linking */
.social {
float: right;
color: #fff;
}

.social a {
width: 25px;
text-align: center;
```

```
margin: 0px 23px;
filter: drop-shadow(0px 4px 4px #00000040);
}

.social img {
  width: 30px;
}
img{
  padding: 5px;
}
#main_button {

  width: 70px;

  margin-left: 6px;
  background: #58ab00;
  border-radius: 20px;
  font-weight: bold;
  opacity: 0.9;
  transition: transform 0.5s, opacity 0.5s;
}
#main_button:hover {
  transform: scale(1.3);
  opacity: 1;
}
#link {
  text-decoration: none;
}
.footer
{
  margin-top: 0%;
}
.footer a:hover
{
  color: #ff4757;
}
.footer a
{
  color: #ffffff;
  text-decoration: none;
}
.text-center
{
  text-align: center;
}
```



w1867067\_navigation\_bar.css[ Fig. 10 ]

```
/* start of navigation bar style*/
/* this is the header(parent div) of our page*/
.header
{
    overflow: hidden;
    width: 100%;
}

/* these are the properties applicable for whole navigation bar*/
nav
{
    width: 100%;
    display: flex;
    align-items: center;
    padding: 1.2% 1%; /* 1.2% 1%*/
    transition: background 1s;
}

/* this styles only for our_logo class; flex will arrange items in a row*/
/* font-size given in viewport width, that means it scales relative to the
viewport size*/
nav .our_logo
{
    display: flex;
    align-items: center;
    font-size: 2vw; /* font size is given relative to viewport width*/
    font-weight: 600;
    color: #fff;
    padding-right: 10vw; /*10*/
}

/* this is for our company logo */
nav .our_logo img
{
    width: 60px;
    margin-right: 10px;
}

/* this will set navigation items inline without bullets. margin 10px from top
& bottom. 16px from left and right */
nav ul li
{
    display: inline-block;
    list-style: none;
    margin: 10px 16px; /* 10px 16px */
}

/* this will remove the underline of the links and set font color and weight
*/
```

```
nav a
{
    text-decoration: none;
    color: #fff;
    font-weight: 500;
}
/* when cursor enters to navigation bar opacity reduces and background color
will be white*/
nav:hover
{
    background-color: #fff;
    opacity: 30%;
}
/* set hover effect to title*/
nav:hover .our_logo
{
    color: #333;
}

/* set hover effect to list item <a> tags*/
nav:hover ul li a
{
    color: #333;
}
/* this will set a border, add a padding & border radius and increase the font
size when you hover it.*/
nav ul li a:hover
{
    border: 1px solid #333;
    padding: 5px 10px;
    border-radius: 20px;
    font-size: 18px;
}

/* reduce opacity when hover the list items*/
nav ul li:hover
{
    opacity: 90%;
}
/* end of styling navigation bar*/
```

w1867067\_buy\_products\_page\_controller.js[ Fig. 11 ]

```
// javascript by Sandeepa Induwara Samaranayake sandeepa.20210302@iit.ac.lk

// get form elements as javascript objects-----> personal details
let first_name = document.getElementById("fname");
let last_name = document.getElementById("lname");
let tel_no = document.getElementById("tel_no");
let email = document.getElementById("email");
let country = document.getElementById("country");
let btn_place_order = document.getElementById("submit_btn");
let invoice = document.getElementById("invoice_showcase");

// get form elements as javascript objects-----> product list

let price = document.getElementsByClassName("product-price");
let amount = document.getElementsByClassName("amount");
let quantity = document.getElementsByClassName("quantity");
let product_detail = document.getElementsByClassName("product-detail");
let product_name = document.getElementsByClassName("product-name");
let btn_order_now = document.getElementsByClassName("order_now btn btn-
primary"); // get all elements with classes order_now AND btn AND btn-
primary
let btn_add_to_cart = document.getElementsByClassName("add_to_cart btn btn-
primary"); // get all elements with classes add_to_cart AND btn AND btn-
primary

// get table element as a javascript object-----> shopping cart

let shopping_cart_table = document.getElementById("shopping_cart_table");

// variables to hold order details-----> order details
let pro_name=null;
let pro_amount=null;
let pro_price=null;
let pro_detail=null;
let total_amount=0;
let pro_total_payment=null;
let bill_total_check=false;

// event listeners defined here
btn_place_order.addEventListener("click",validate_info); //
btn_place_order button in personal details section.

// Array for items are in Catr -----> cart array
let cart_arr=[];

// this is for order now btns in products list
for(let i = 0; i < btn_order_now.length; i++)
```

```
{
    btn_order_now[i].addEventListener("click", function()           // anonymous
inner function.
    {

        console.log("Order Button Clicked");
        if(validate_product_amount(parseInt(amount[i].value), i)) // if user's
input is not numerical then parseInt() will return a NaN - Not a Number
property.
        {
                                                    // if user
enters a float value then parseInt() will shrink the fraction part and return
an int.
            jump_to_anchor("personal_info");
            enable_text_fields();
            get_values(i);
            amount[i].value="";
        }
    });
}
// this is for add_to_cart btns in product list
for(let i = 0; i < btn_add_to_cart.length; i++) {
    btn_add_to_cart[i].addEventListener("click", function()
    {
        if(validate_product_amount(parseInt(amount[i].value), i)) // if user's
input is not numerical then parseInt() will return a NaN - Not a Number
property.
        {
                                                    // if user
enters a float value then parseInt() will shrink the fraction part and return
an int.
            console.log("Add to cart Button Clicked");
            get_values(i);
            add_to_cart();
            alert("Your Item successfully added to the Shopping Cart");
            amount[i].value="";
        }
    });
}
// this function will get all details related to the product.
function get_values(i)
{
    pro_name = product_name[i].innerHTML;
    pro_amount = parseInt( amount[i].value );
    pro_price = parseFloat( price[i].innerHTML.substring(1));
    pro_detail = product_detail[i].innerHTML;
    pro_total_payment = pro_amount*pro_price;
}

// this function will jump to a given anchor point
```

```
function jump_to_anchor(anchor)
{
    window.location.href = "#" + anchor;
}

// _____ VALIDATION
START _____

// this function will validate email field using regular expression(regx)-
basic format of an possible email address.
function validate_email(email)
{
    if (/^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/ .test(email))
    {
        return true;
    }
    return false;
}

// this function will validate firstname and lastname using regular
expression(regx)- basic format of a possible name.
function validate_fname_and_lname(name)
{
    if (/^[ a-zA-Z\-' ]+$/ .test(name))
    {
        return true;
    }
    return false;
}

// this function will validate mobile number using regular expression(regx)-
basic format of a possible name.
function validate_mobile_no(mobile_number)
{
    if ((mobile_number.match(/^\d{10}$/)))
    {
        return true;
    }
    return false;
}

// this function will validate the product amount is actually a number
function validate_product_amount(amount , i)
{
    // check if the entered value is a number and the
    let available_product_amount = quantity[i].innerText;
    console.log(Number.isInteger(amount));
}
```

```
if(Number.isInteger(amount) )
{
    if(amount > 0 && amount <= available_product_amount )
    {
        return true;
    }
    alert("The Entered Quantity value cannot be proceed.");
    return false;
}
else
{
    alert("The Entered Value for Quantity is not Valid.");
    return false;
}
}
// this function will validate the entered details for
function validate_info()
{
    let fname_correct = validate_fname_and_lname(first_name.value);
    let lname_correct = validate_fname_and_lname(last_name.value);
    let mobile_correct = validate_mobile_no(tel_no.value);
    let email_correct = validate_email(email.value);

    let str_fname = " | First Name | ";
    let str_lname = " | Last Name | ";
    let str_mobile = " | Mobile No | ";
    let str_email = " | Email Address | ";

    let statement = "";
    let count=0;

    if(fname_correct==true && lname_correct==true && mobile_correct==true &&
email_correct==true)
    {
        console.log("Your order is processing");
        process_order();
    }
    else
    {
        if(fname_correct==false && (first_name.value=="||
first_name.value==null))
        {
            statement+=str_fname;
            count+=1;
        }
        if(lname_correct==false && (last_name.value=="||
last_name.value==null))
        {
```

```
        statement+=str_lname;
        count+=1;
    }
    if(mobile_correct==false && (tel_no.value=="|| tel_no.value==null))
    {
        statement+=str_mobile;
        count+=1;
    }
    if(email_correct==false && (email.value=="|| email.value==null))
    {
        statement+=str_email;
        count+=1;
    }
    if(count!=0)
    {
        if(count==1)
        {
            alert("The"+statement+" field is not filled.");
        }
        else
        {
            alert("The"+statement+" fields are not filled.");
        }
    }
    else
    {
        statement= "";
        count=0;
        if(fname_correct==false)
        {
            statement+=str_fname;
            count+=1;
        }
        if(lname_correct==false)
        {
            statement+=str_lname;
            count+=1;
        }
        if(mobile_correct==false)
        {
            statement+=str_mobile;
            count+=1;
        }
        if(email_correct==false)
        {
            statement+=str_email;
            count+=1;
        }
    }
}
```

```

        if(count==1)
        {
            alert("The"+statement+" field is filled with invalid
values.");
        }
        else if(count>1)
        {
            alert("The"+statement+" fields are filled with invalid
values.");
        }
    }
}

// _____ VALIDATION
OVER _____

// _____ ORDER
PRODUCT
START _____

// this function will disable personal details text fields
function disable_text_fields()
{
    first_name.disabled = true;
    last_name.disabled = true;
    tel_no.disabled = true;
    email.disabled = true;
    btn_place_order.disabled = true;
}

// this function will enable personal details text fields
function enable_text_fields()
{
    first_name.disabled = false;
    last_name.disabled = false;
    tel_no.disabled = false;
    email.disabled = false;
    btn_place_order.disabled = false;
}

// this function will handle processing invoice.
function process_order()
{
    jump_to_anchor("invoice_h2"); // call jump_to_anchor function to send user
to invoice section.

```



```

        disable_text_fields();           // disable personal details text fields.

        if(invoice.innerText==" " || invoice.innerText==null)           // check
whether invoice is empty or not.
        {
            invoice.innerHTML=invoice_statement_make();           // call
invoice_statement_make() function to show the customer's personal details.
            process_order();           // call
itself again.
        }
        else
        {
            total_amount+=Math.round((pro_price*pro_amount)*100)/100;           //
calculate total amount of the order.
            if(invoice.innerHTML==invoice_statement_make())           // if
page contains only order details then
            {
                invoice.innerHTML+=product_order_statement_with_tot();           // it
will append the order details to page with total price.
            }
            else
            {
                product_order_without_amount
=invoice.innerHTML.replace(invoice.innerHTML.substring(invoice.innerHTML.index
Of('Total Bill')), "");           // to generate an order without total price this
will cut off the "Total Bill" and the latter part.
                invoice.innerHTML=product_order_without_amount+product_order_state
ment_with_tot()           // display the previous order details without total price and
will show this order details with total price.
            }
        }
    }

// this function will return a product detail with total price amount.
function product_order_statement_with_tot()
{
    product_order1="<pre>"+ "Product Name -"+pro_name+"\nProduct Detail -
"+pro_detail+"\nProduct Price per Piece -"+pro_price+"$"+ "\nProduct Amount -
"+pro_amount
                    +"\n.....
.....
.....
....."
                    +"\nTotal Bill -"+total_amount+"$"+ "\n"+ "<pre>";

    return product_order1;
}

```

```

// this function will return a product detail without total price amount.
function product_order_statement_without_tot()
{
    product_order2="<pre>"+ "Product Name -"+pro_name+"\nProduct Detail -
"+pro_detail+"\nProduct Price per Piece -"+pro_price+"$"+ "\nProduct Amount -
"+pro_amount
                        +"\n.....
.....
.....
....."
                        + "<pre>";

    return product_order2;
}

// this function will return a summary of customer details.
function invoice_statement_make()
{
    invoice_statement = "<pre>"+ "First Name -"+first_name.value+"\nLast
Name -"+last_name.value+"\nEmail Address -"+email.value+"\nMobile No -
"+tel_no.value
    +"\ncountry -
"+country.value+"\n.....
.....INVOICE
DETAILS.....
....."
    + "</pre>";

    return invoice_statement;
}

// _____ORDER
PRODUCT
END _____

// _____ADD TO
CART
START _____

// this function will handle the cart
function add_to_cart()
{
    console.log("add to cart activated");
    cart_arr.push([pro_name,pro_amount,pro_price,pro_detail,pro_total_payment]
);    // send order details to cart_array

    console.log(cart_arr);
}

```

```

    show_in_cart(cart_arr.length);
}
// this function will show the order details in cart table
function show_in_cart(row_number)
{
    let row = shopping_cart_table.insertRow(row_number); // insert a new row
    to the table

    let cell_pro_name = row.insertCell(0);                // 0th cell will be
    the name of the product
    let cell_pro_amount = row.insertCell(1);              // 1st cell will be
    the amount of the product
    let cell_pro_price = row.insertCell(2);               // 2nd cell will be
    the price of the product
    let cell_pro_total_payment = row.insertCell(3);       // 3rd cell will be
    the total payment
    let cell_pro_detail = row.insertCell(4);              // 4th cell will be
    the product detail
    let cell_pro_order_now = row.insertCell(5);           // 5th cell will be a
    button for "Order Now"
    let cell_pro_remove_from_cart = row.insertCell(6);    // 6th cell will be a
    button for "remove from cart"

    cell_pro_name.innerHTML = pro_name;                   // set product name
    to product name cell.
    cell_pro_amount.innerHTML = pro_amount;               // set product
    amount to amount cell.
    cell_pro_price.innerHTML = pro_price;                 // set product
    price to price cell.
    cell_pro_total_payment.innerHTML = pro_total_payment; // set total
    payment to total price cell.
    cell_pro_detail.innerHTML = pro_detail;               // set product
    details to details cell.

    let created_btn = create_table_btns("Order
    Now","table_order_now_btn"); // create order now btn
    cell_pro_order_now.append(created_btn);               /
    / append order now btn to 5th cell to show in the table
    table_order_now_btn_clicked();                       /
    / call the function to handle the order now process.

    created_btn = create_table_btns("Remove
    Item","table_remove_item_btn"); // create remove item btn
    cell_pro_remove_from_cart.append(created_btn);        /
    / append remove btn to 6th cell to show in the table
    remove_from_cart();                                   /
    / call the function to remove the item from cart.
}

```

```
// this function will create "Order Now" button and remove from cart button.
function create_table_btns(btn_text_label,btn_class_name)
{
    let table_button = document.createElement("button"); //
    // creating a button type element.
    table_button.innerText = btn_text_label; //
    // setting text to the button.
    table_button.className = btn_class_name; //
    // setting class name to the button.
    return table_button; //
    // returning button.
}
// this function will handle the bahaviour of "order now" buttons in the cart
// table.
function table_order_now_btn_clicked()
{
    let td_order_now_btn =
document.getElementsByClassName("table_order_now_btn");

    for(let i = 0; i < td_order_now_btn.length; i++)
    {
        td_order_now_btn[i].addEventListener('click', function() //
        // anonymous inner function.
        {
            console.log("cart table Order now Button Clicked");
            jump_to_anchor("personal_info");
            enable_text_fields();
        });
    }
}
// this function will handle the bahaviour of "remove item" buttons in the
// cart table
function remove_from_cart()
{
    let td_remove_item_btn =
document.getElementsByClassName("table_remove_item_btn");

    for(let i = 0; i < td_remove_item_btn.length; i++)
    {
        td_remove_item_btn[i].addEventListener("click",
function() // anonymous inner function.
        {
            console.log("cart table remove item Button Clicked");
            //shopping_cart_table.deleteRow(td_remove_item_btn[i].parentNode.p
arentNode);
            let row = td_remove_item_btn[i].parentNode.parentNode;
```

```
        console.log(row);
        row.parentNode.removeChild(row);
        delete cart_arr[i];
        console.log(cart_arr);
    });
}
}

// _____ ADD TO
CART
STOP _____

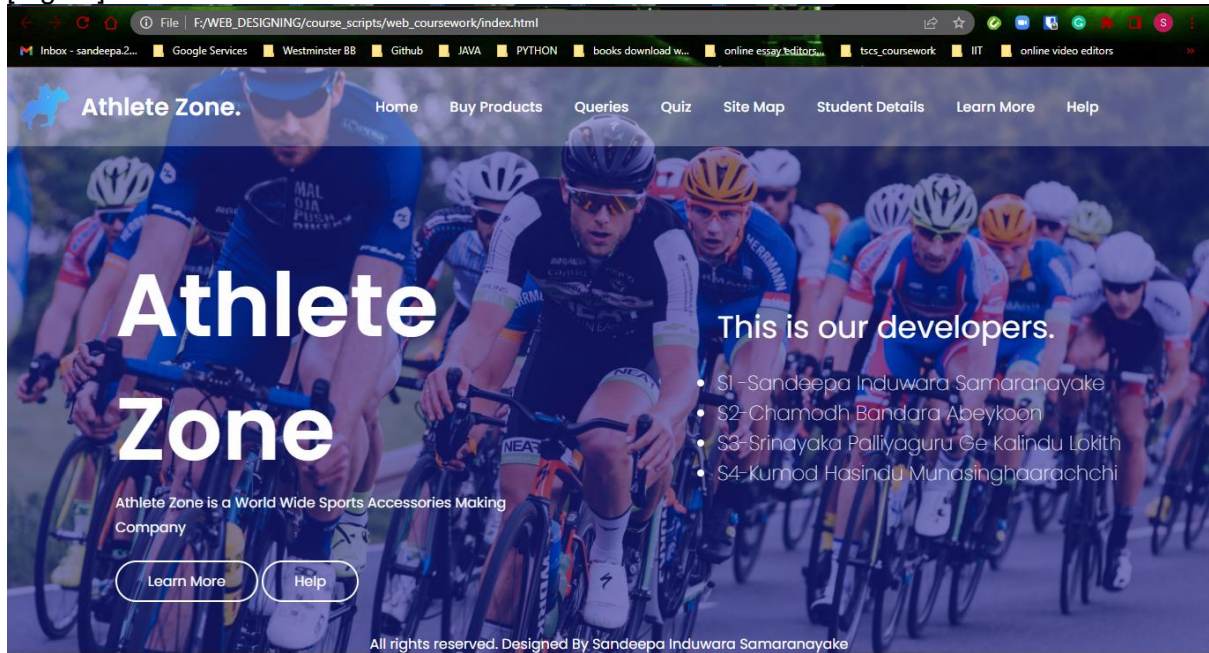
// this function will run when the page loads.
document.addEventListener("DOMContentLoaded", function()
{
    disable_text_fields();
});
```

## Appendix B: Screenshots

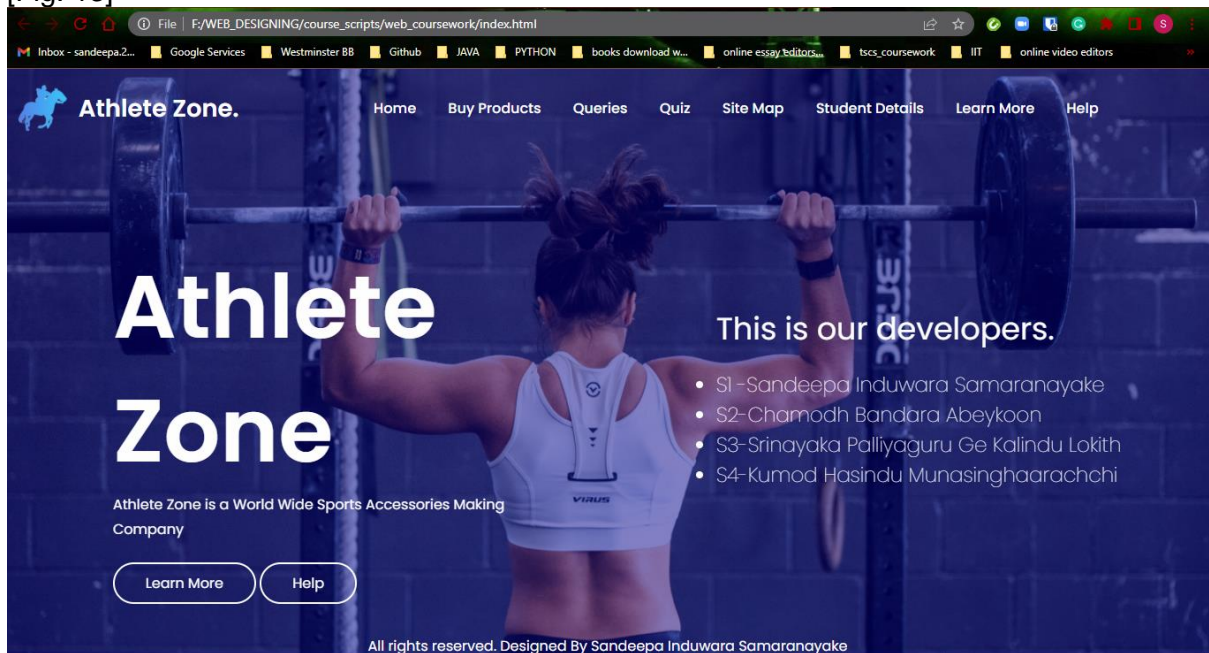
Screenshots of web pages:

Index.html -

[Fig.12]



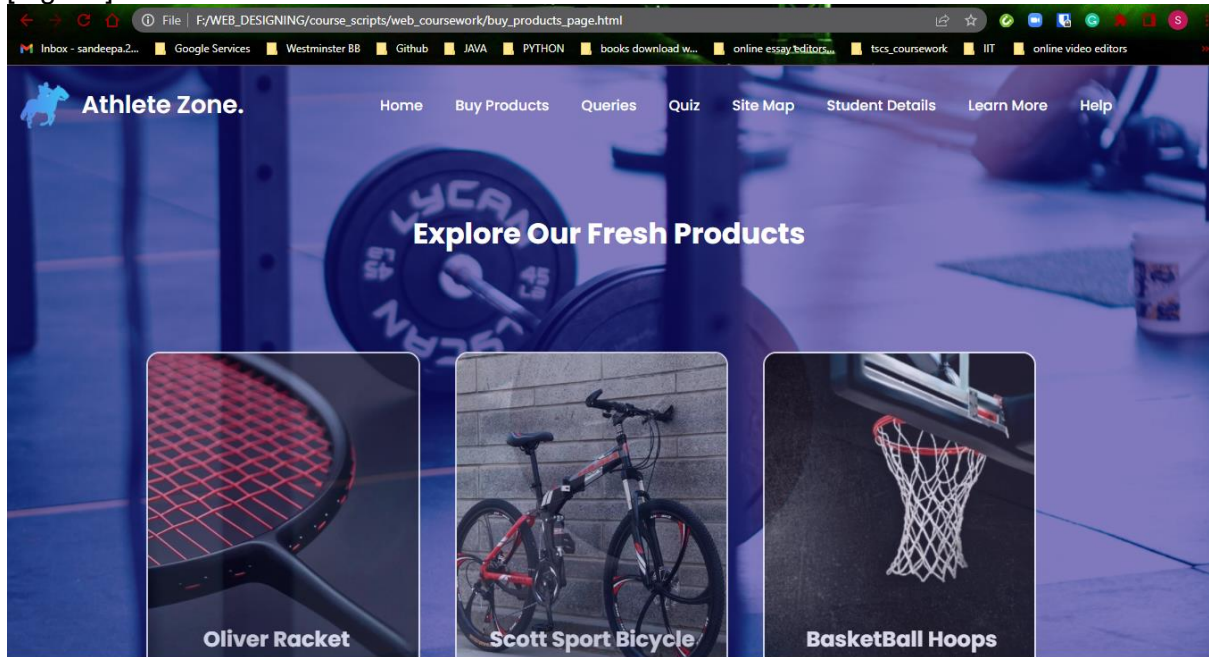
[Fig. 13]



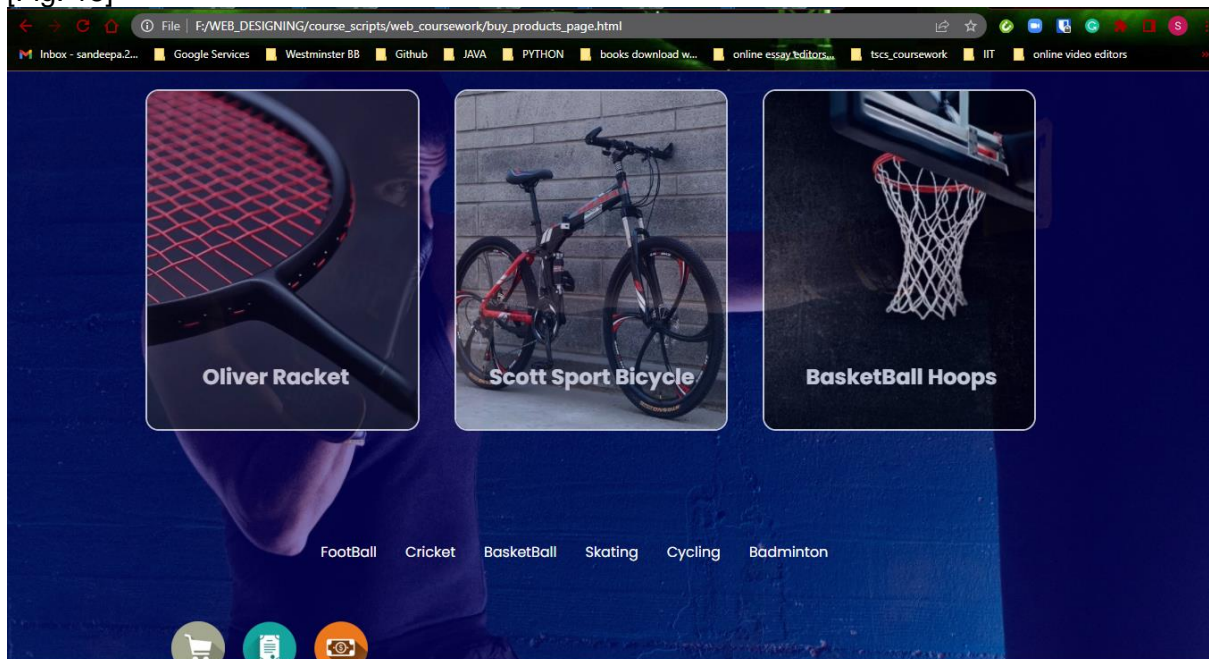


buy\_products\_page.html

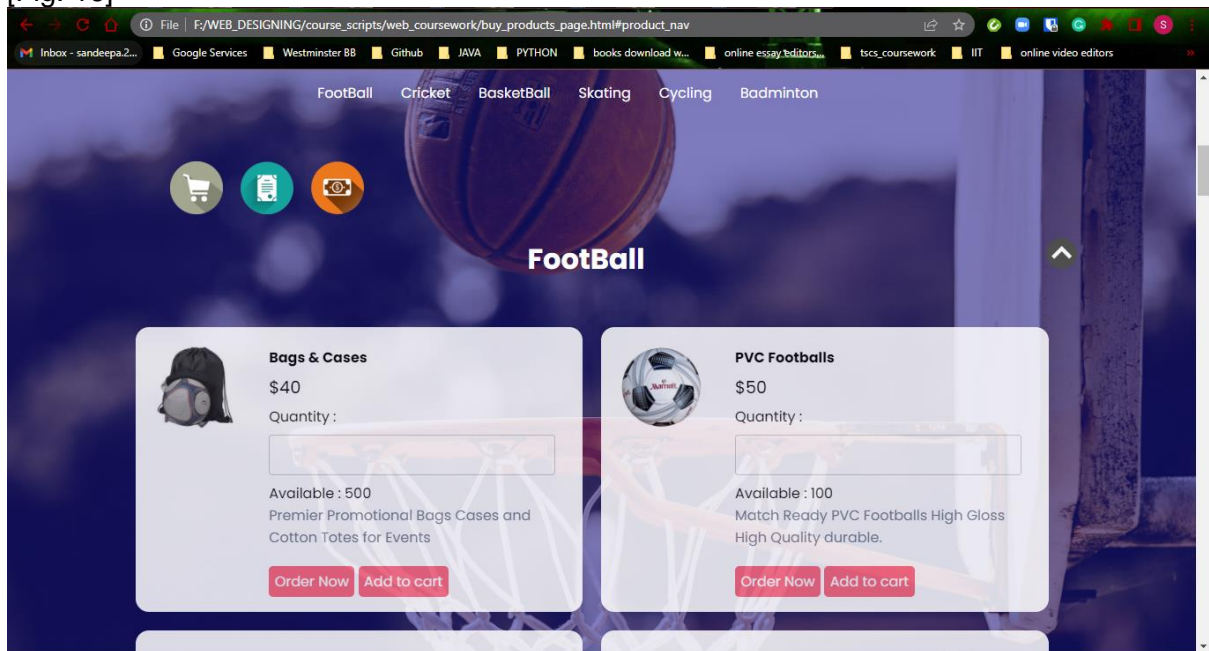
[Fig. 14]



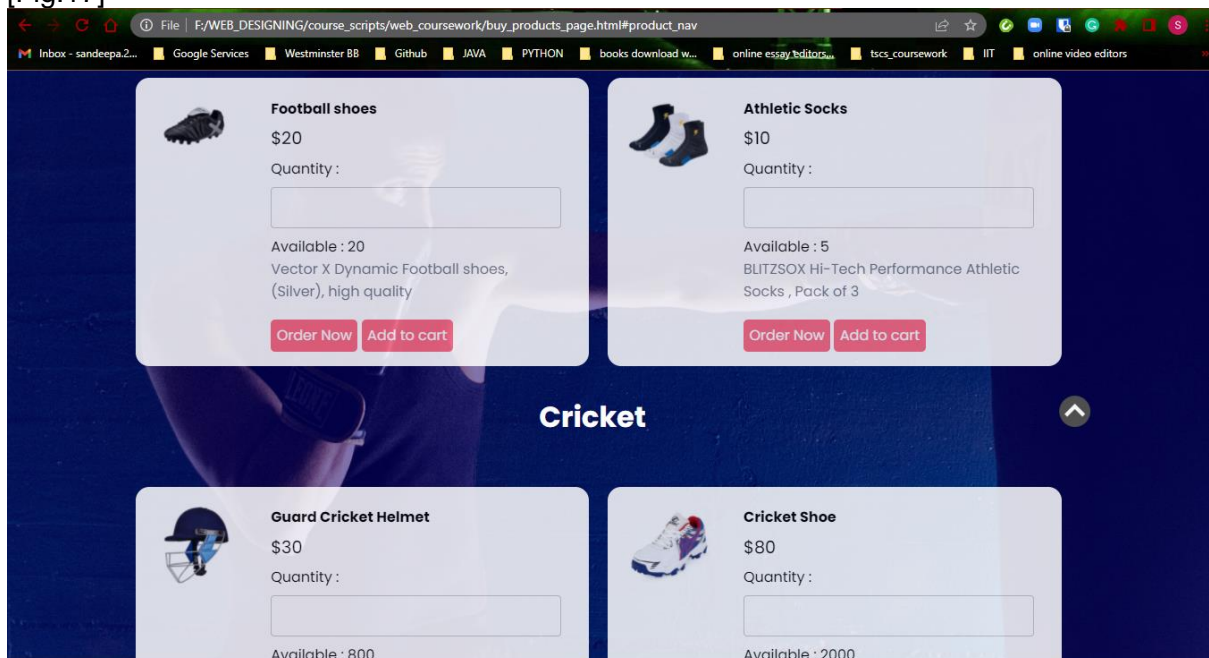
[Fig. 15]



[Fig. 16]

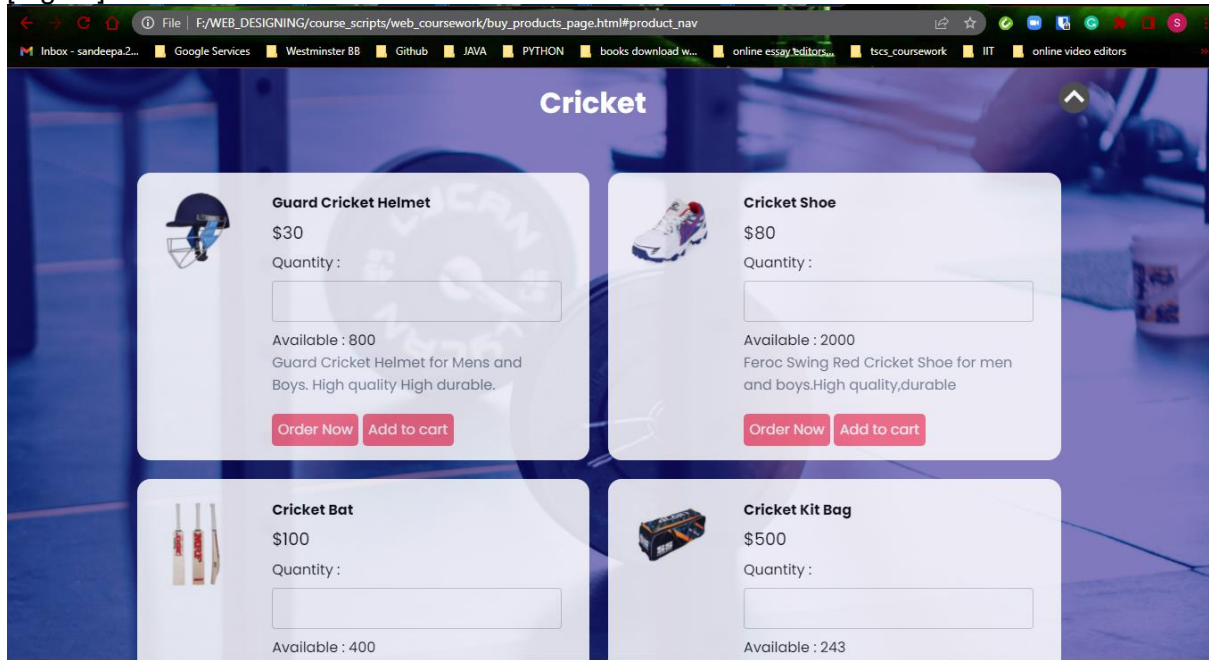


[Fig.17]

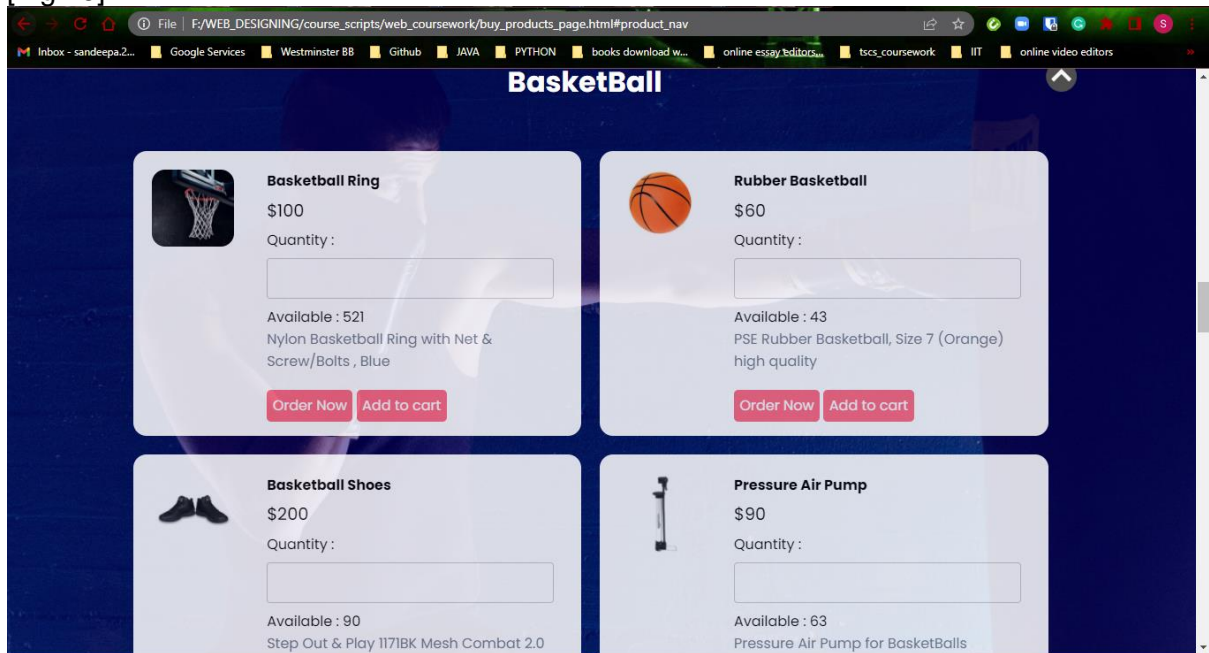




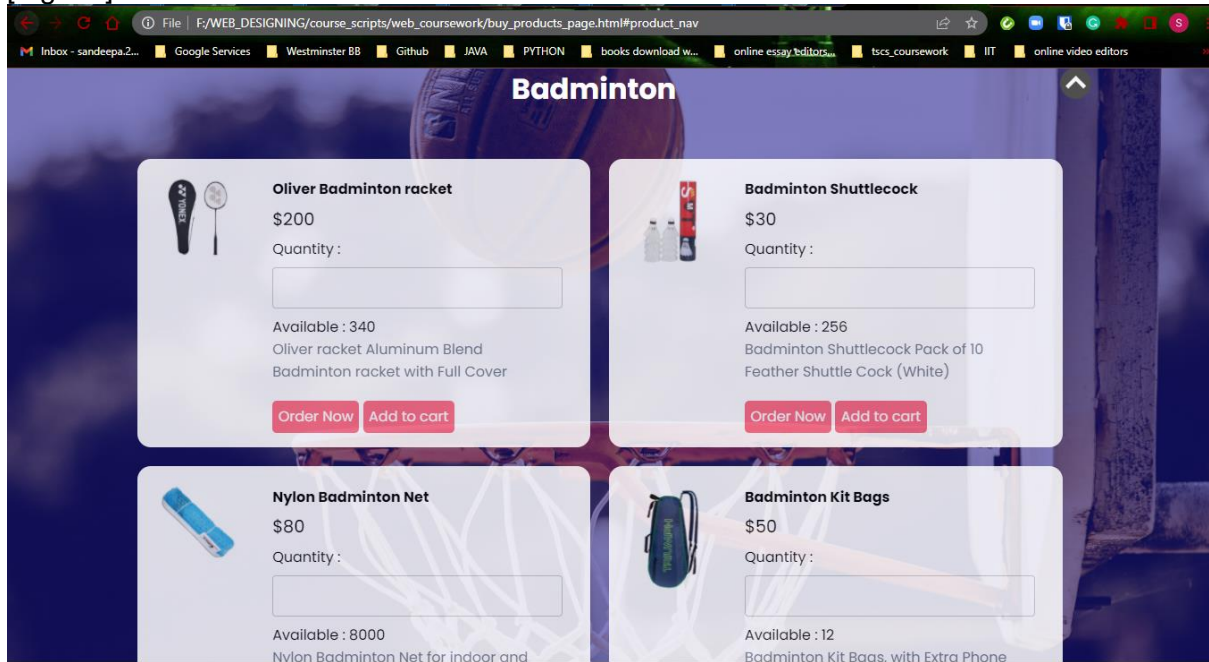
[Fig 18]



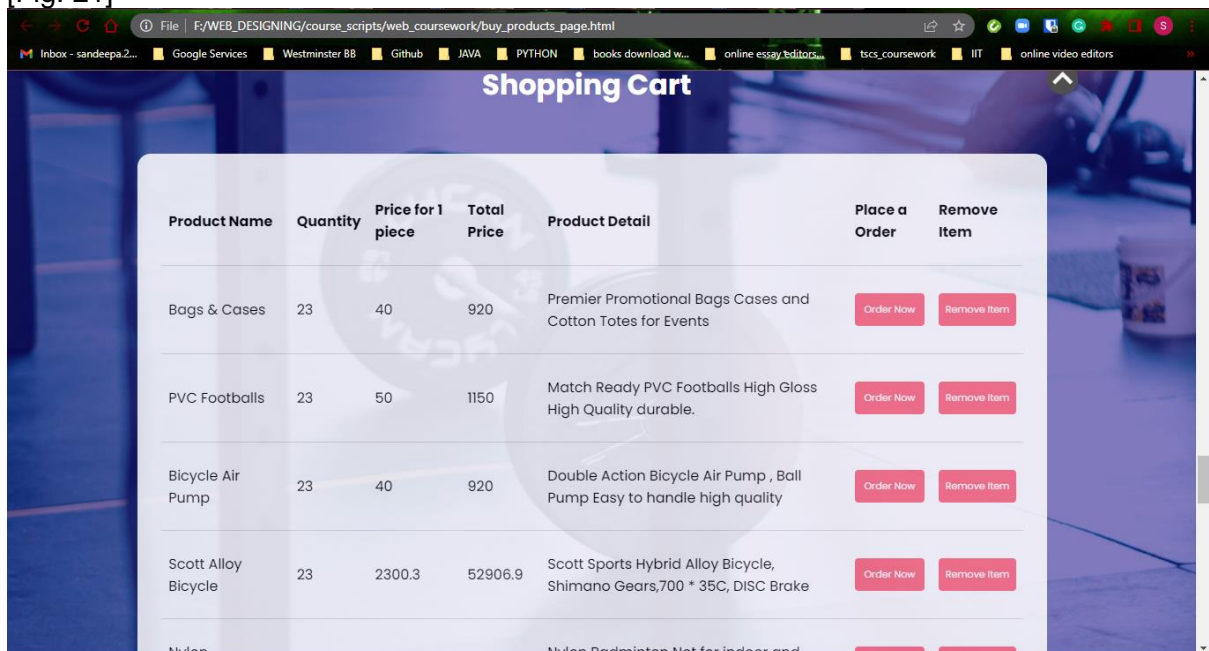
[Fig.19]



[Fig. 20]



[Fig. 21]



[Fig. 22]

### Personal Details

First Name  
sandeepa

Last Name  
Samaranayake

Mobile No  
0703568837

Email Address  
se@gmail.com

Country  
Sri Lanka

Place Order

[Fig. 23]

### Invoice

First Name -sandeepa  
Last Name -Samaranayake  
Email Address -se@gmail.com  
Mobile No -0703568837  
country -Sri Lanka

.....INVOICE DETAILS.....

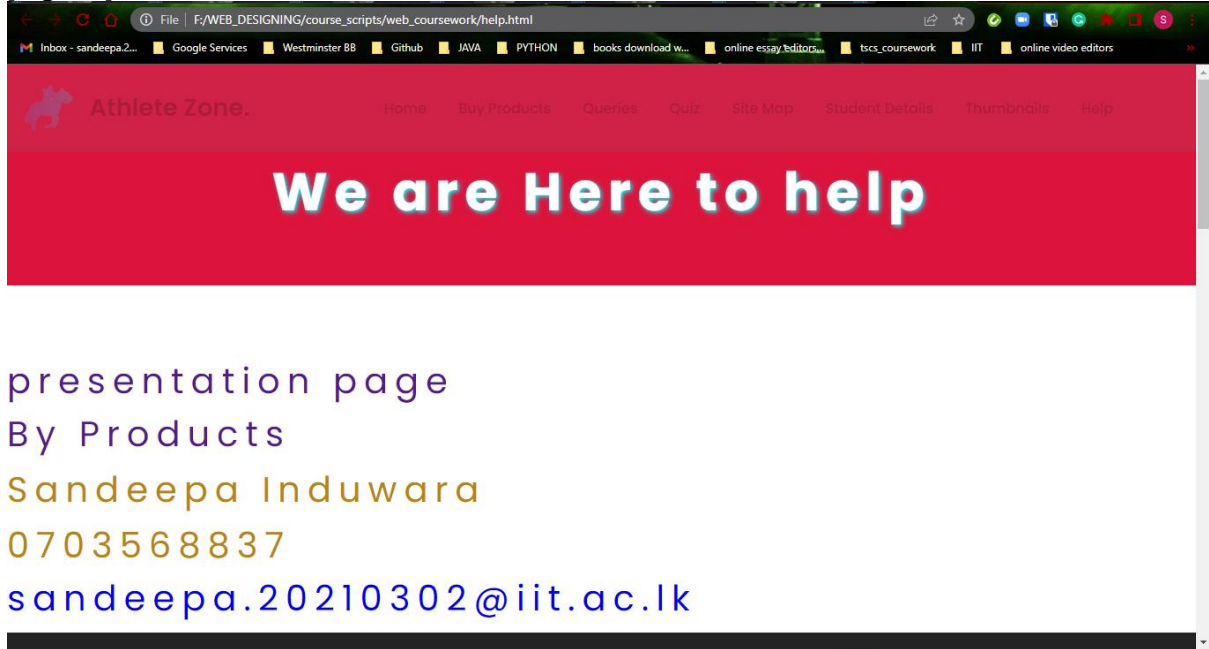
Product Name -Nylon Badminton Net  
Product Detail -Nylon Badminton Net for indoor and outdoor use  
Product Price per Piece -80\$  
Product Amount -23

.....

Total Bill -1840\$

help.html

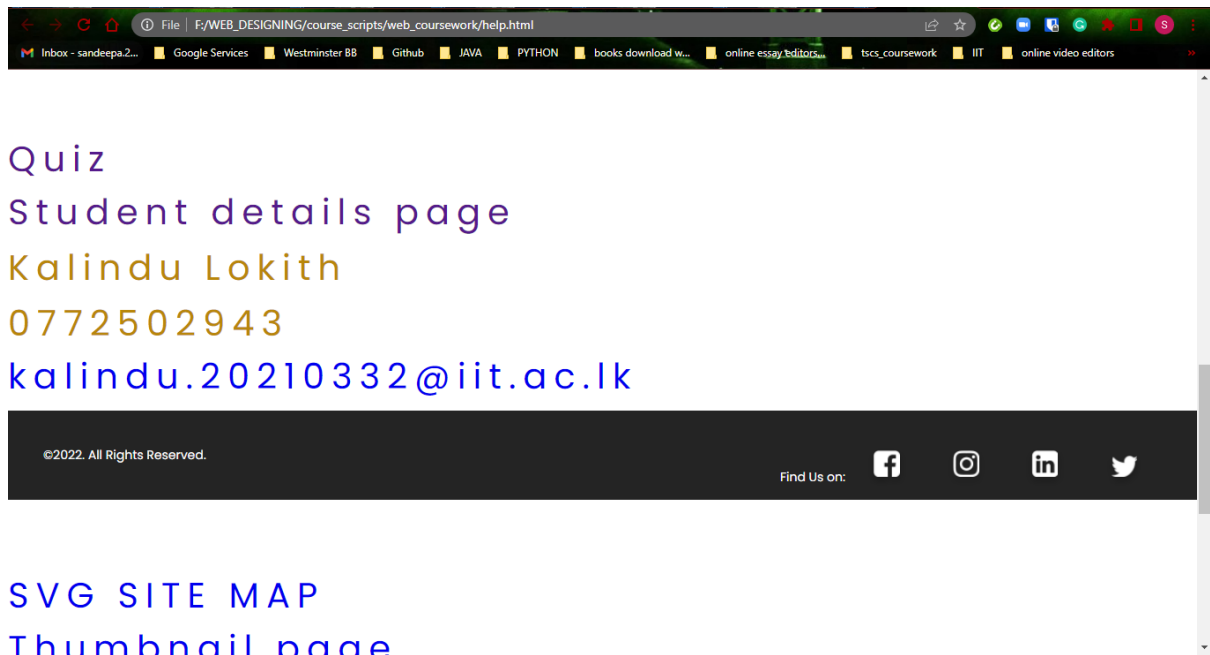
[Fig. 24]



[Fig. 25]



[Fig. 26]



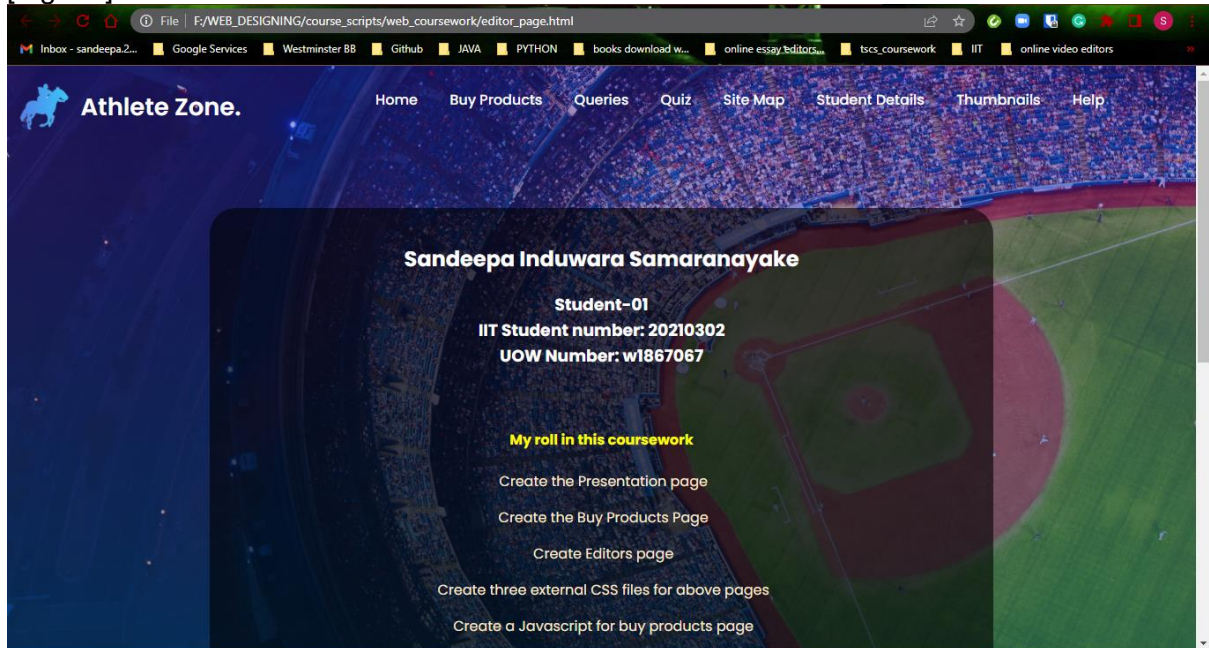
[Fig. 27]



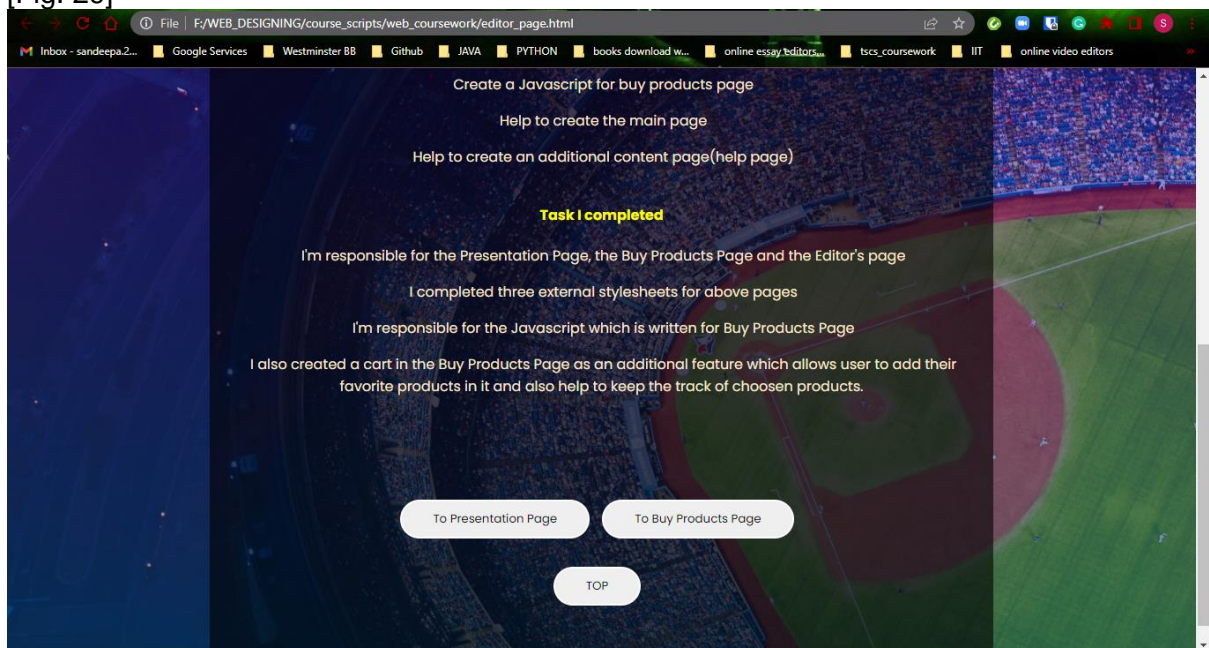


editor\_page.html

[Fig. 28]

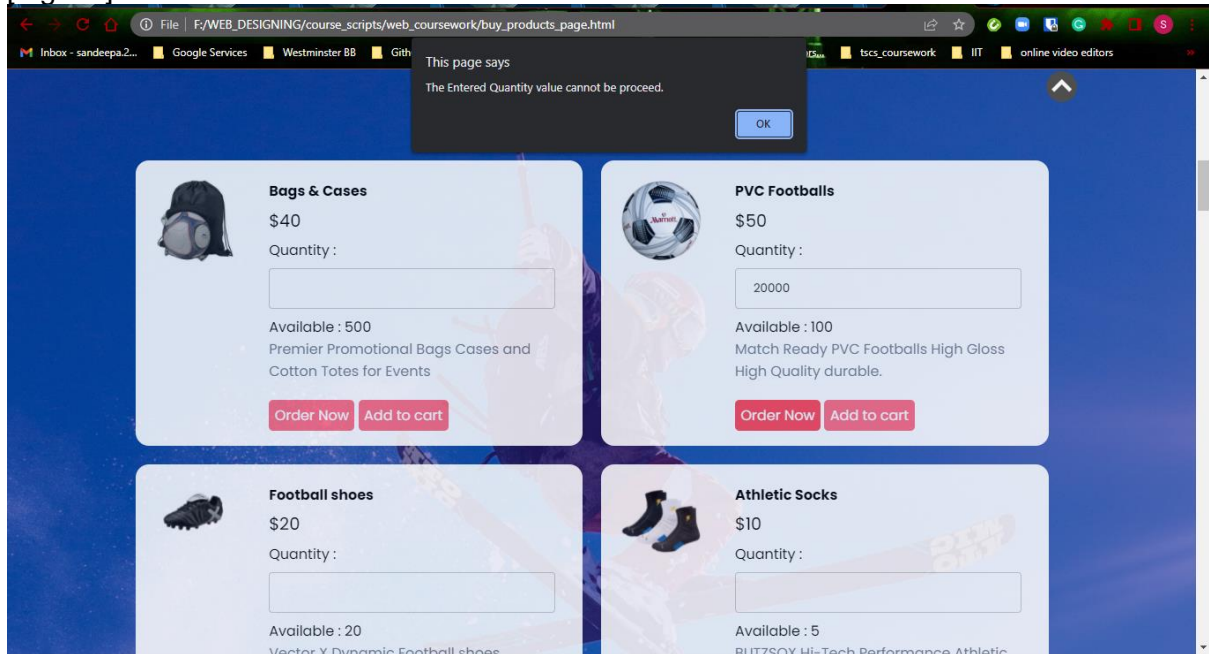


[Fig. 29]

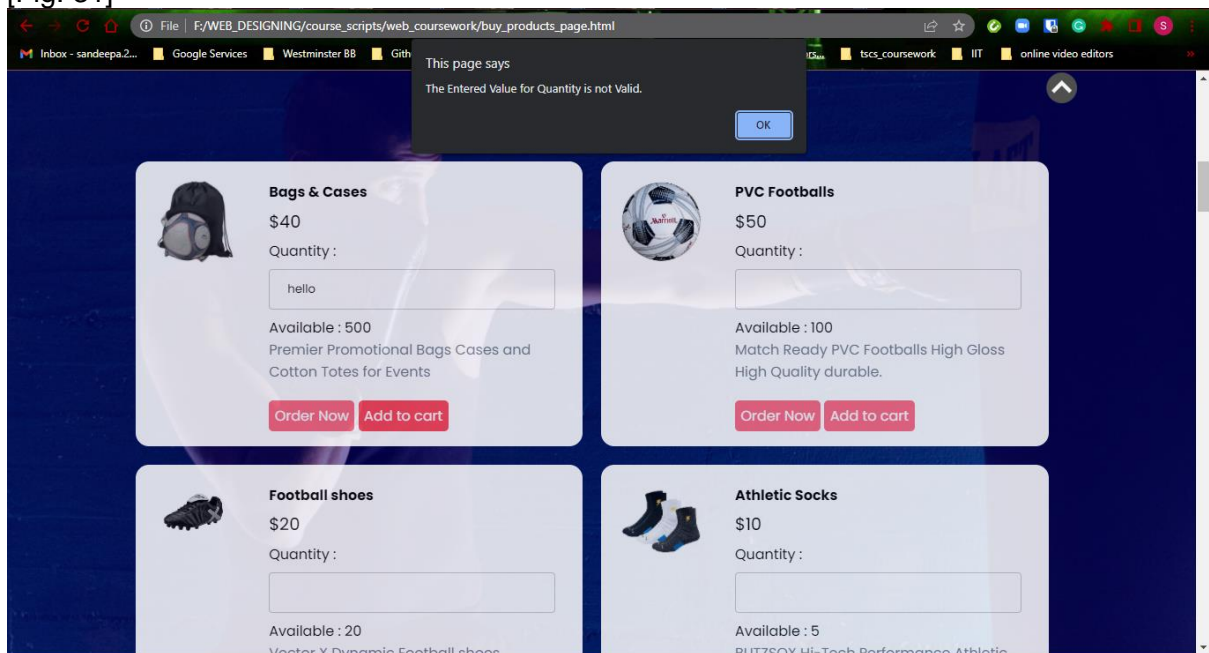


## Appendix C: Screenshots - Webpage Validation Evidence

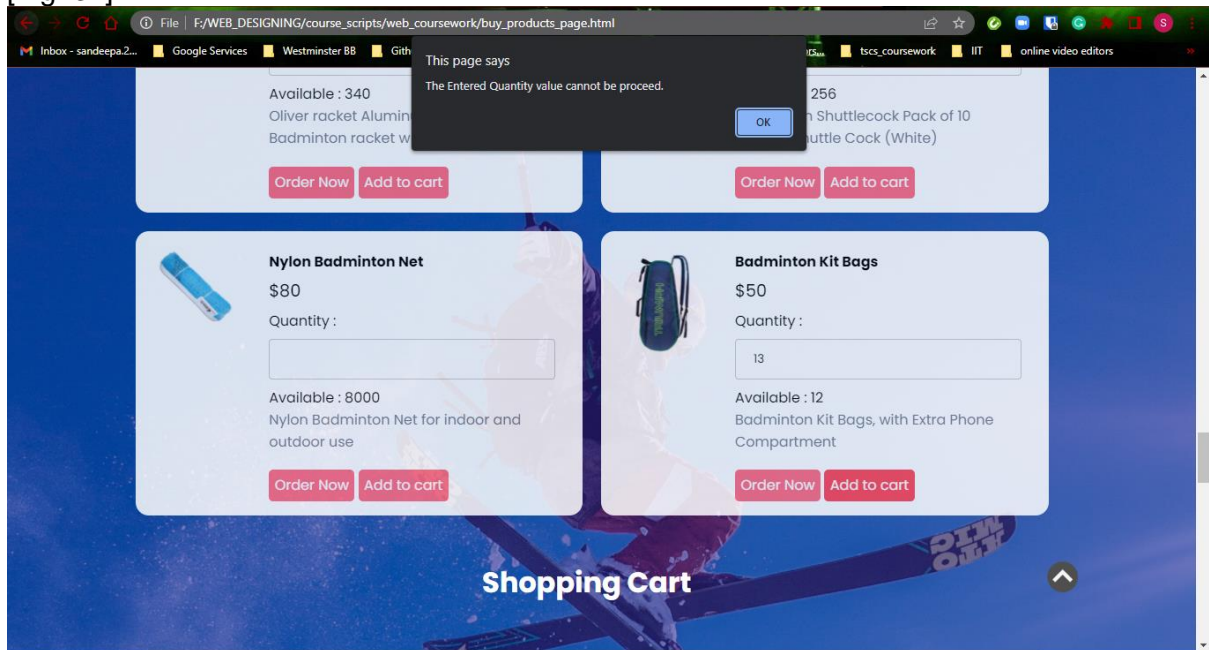
[Fig. 30]



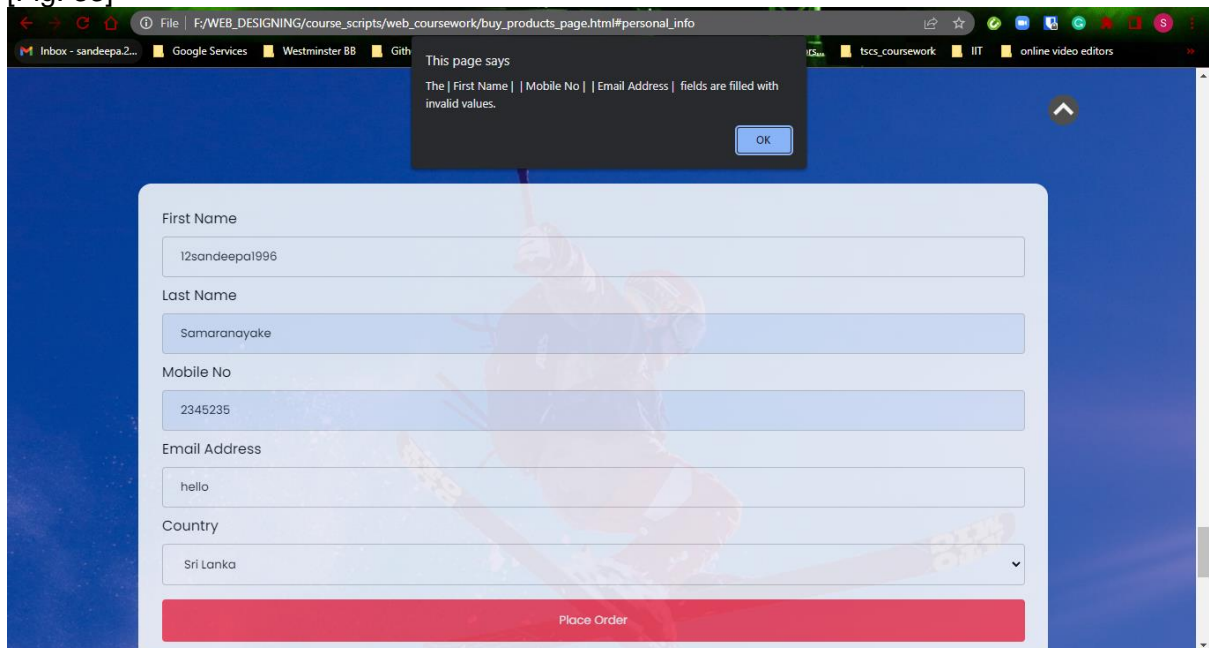
[Fig. 31]



[Fig. 32]



[Fig. 33]





[Fig. 34]

A screenshot of a web browser displaying a form titled "buy\_products\_page.html#personal\_info". The form contains fields for First Name, Last Name, Mobile No, Email Address, and Country. A red "Place Order" button is at the bottom. A modal dialog box is open, displaying the message: "This page says: The | First Name | | Last Name | | Mobile No | | Email Address | fields are not filled." with an "OK" button.

File | F:\WEB\_DESIGNING/course\_scripts/web\_coursework/buy\_products\_page.html#personal\_info

Inbox - sandeepa.2... Google Services Westminster BB Gith

This page says  
The | First Name | | Last Name | | Mobile No | | Email Address | fields are not filled.  
OK

First Name  
Your First Name

Last Name  
Your Last Name

Mobile No  
Your Mobile No eg : 0706754456

Email Address  
Your Email Address eg : someone@mail.com

Country  
Sri Lanka

Place Order

[Fig. 35]

A screenshot of the same web browser displaying the same form. The "Mobile No" field now contains the value "2345235". The modal dialog box displays the message: "This page says: The | First Name | | Last Name | | Email Address | fields are not filled." with an "OK" button.

File | F:\WEB\_DESIGNING/course\_scripts/web\_coursework/buy\_products\_page.html#personal\_info

Inbox - sandeepa.2... Google Services Westminster BB Gith

This page says  
The | First Name | | Last Name | | Email Address | fields are not filled.  
OK

First Name  
Your First Name

Last Name  
Your Last Name

Mobile No  
2345235

Email Address  
Your Email Address eg : someone@mail.com

Country  
Sri Lanka

Place Order

## Appendix D: Individual Statement

student Name:	Sandeepa Induwara Samaranayake	Student Id:	20210302
State what tasks you carried out in the project.			
<p>I created the presentation page both HTML and CSS.</p> <p>I created the buy products page HTML, Javascript and CSS.</p> <p>I helped to create the Main page including background slideshow.</p> <p>I helped to create an additional content page(help.html and w1867067_help.css)</p>			
State what you enjoyed and did not enjoy about teamwork.			
<p>I enjoyed Support, Trust, Respect and Work together.</p> <p>I did not enjoy conflicts, Disrespectfulness and Laziness.</p>			
State what you learnt about teamwork.			
<p>Understand the strengths and weaknesses of each other to best address the task at hand.</p> <p>I learnt essential communication skills like active listening and effective speaking.</p> <p>Problem-solving</p>			
State what skills you gained/learnt from undertaking the project.			
<p>HTML</p> <p>CSS</p> <p>Javascript</p>			
State any strengths about yourself that emerged whilst undertaking the project.			
<p>Leadership</p> <p>Self-confidence</p> <p>Adaptability</p>			
State any weaknesses about yourself that emerged whilst undertaking the project.			
<p>Integrity</p> <p>Takes things personally instead of as a team.</p>			
State how you would do things better if you were to undertake the project again.			
<p>Time management is challenging in this coursework. So I think I can solve that issue by prioritizing tasks wisely next time.</p>			
Additional general or project specific comments:			
<p>No additional comments.</p>			