Web Design and Development 4COSC011W

Report

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Group Number: B-8
Student Role: Student 2

Link(s) to WebSite

URL:

1. Introduction

Section guidelines:

a) List of the team members, allocation of tasks (student 1 to 4), and topic of the website.
b) Include the summary table of your contributions to the group meetings.

Members	Student ID	UOW No:	Allocated tasks
Shabeer Nuhman	20200842	W1868567	Student 2 • Main page • Navigation bar • Query form
Samithu Hettiarachchi	20200296	W1867415	Student 1 • Presentation page • Buy products
Arosha Punchihewa	20200575	W1868559	Student 3 • Quiz page • Student Details
Himasha Herath	20200401	W1866972	Student 4 • Site map • Images

Our crew decided to build a website about a football store. As a result, we came up with the name **Emerald Store**, where consumers can buy a variety of football footwear and equipment.

Group Coursework Meetings (minimum 6 meetings, e.g., one per week)

1	**Date & Time**	**24th February 9.00pm**
	Objective:	**Discussion on the coursework topic**
	Attended:	**yes**
	Your Contribution:	**I began by introducing myself and indicating which task I prefer.**
2	**Date & Time:**	**5th March 10.00pm**
	Objective:	**Final task allocation**
	Attended:	**yes**
	Your Contribution:	**Confirming my task and describing how I will complete it.**
3	**Date & Time:**	**7th March 7.30pm**
	Objective:	**Discussion regarding the home page design**
	Attended:	**yes**
	Your Contribution:	**Gave out couple of ideas I had in mind**
4	**Date & Time:**	**15th March 3.00pm**
	Objective:	**Feedback on student 1 tasks**
	Attended:	**yes**
	Contribution:	**Gave my feedback**
5	**Date & Time**	**19th March 7.00pm**
	Objective	**Feedback on student 2 tasks**
	Attended:	**Yes**
	Contribution	**Received feedback from others on my tasks**
6	**Date & Time**	**22nd March 9.30pm**
	Objective	**Discussion regarding additional page**
	Attended:	**yes**
	Contribution	**Gave my ideas on what to put on the additional page**
7	**Date & Time**	**25th March 10.00pm**
	Objective	**Dry run java codes**
	Attended:	**yes**
	Contribution	**Ran over everyone's java codes to spot for any errors**
8	**Date & Time**	**28th March 6.00pm**
	Objective	**Discussion on difficulties faced throughout the course work**
	Attended:	**yes**
	Contribution	**Discussed about difficulties I faced**

2. Technical Discussion
Max 1000 words

Section guidelines:
- Discuss the development of the tasks that **you were allocated**. This technical discussion must include the approach taken, and explanations of how the required functionality was implemented. Illustrate your explanation with code snippets and screenshots. Also explain the difficulties you faced and how you solved them.
- Illustrate your technical discussion with screenshots and code samples.
- **Discuss only the following tasks that you were allocated.**
- **State if any of your allocated tasks were not completed.**

Student 2:
- Main site navigation & External CSS
- Query Form

<u>Navigation Bar</u>

The logo and appropriate anchor tags for redirecting the client to different other portions of the website make up the initial element of the navigation bar. I started with the logo as planned, then by a search bar and an unordered list to go through other sites.

```html
                        <!--top header-->
<div class="header">
   <div class="delivery">We deliver within <strong>1-2 days</strong> within Colombo</div>
   <nav>
      <div class="logo">Emerald <b style="color:orangered;">S</b>tore</div>
      <div class="search_box">
         <input type="search" placeholder="What are looking for?">
         <span class="material-icons-outlined">search</span>
      </div>
      <ul>
         <li><a href="index.html">Home</a></li>
         <li><a href="">Product</a></li>
         <li><a href="query_form.html">Queries</a></li>
         <li><a href="">Site Map</a></li>
         <li><a href="">Gallery</a></li>
         <li><a href="">About Us</a></li>
         <li><a href="">Quiz</a></li>
         <li><a href="content.html">Content</a></li>
      </ul>
   </nav>
</div>
```

I grouped the navigation bar html codes into a separate div tag with the class name header to make it convenient to share among the other team members as navigation is required for the other parts of the website as well.

I also linked the html file with google icons and font style sheet to add few icons and a default font *font-family: 'Poppins', sans-serif*;

```
        <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons+Outlined">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap"
rel="stylesheet">
```

One of the challenges I had when building the navigation bar was the structural change that occurred while resizing the screen; in the end, I was unable to maintain the navigation bar's structure at a lower screen size.

Main Page

The major goal of this task was to create an eye-catching design that was not too difficult but related to the topic. I utilised a background image and added a quotation text, as well as an unresponsive (added for beauty) button with a hover effect when the mouse is hovered over the button.

```
 .content .cont_text button:hover{
    background-color: whitesmoke;
    border: 2px solid orangered;
    font-size: 18px;
    color: black;
}
```

Right after I added 3 images football jerseys , football boots and football accessories as categories

```
<div class="categories">
   <div class="small-container">
      <div class="row">
         <div class="col">
            <img src="Style-2images/category-jersey.jpg" width="350" alt="">
            <a href="">
               <h2>Jerseys</h2>
            </a>
         </div>
         <div class="col">
            <img src="Style-2images/category-football%20boots.jpg" width="350" alt="">
            <a href="">
               <h2>Boots</h2>
            </a>
         </div>
         <div class="col">
            <img src="Style-2images/category-accessories.jpg" width="350" alt="">
            <a href="">
               <h2>Accessories</h2>
            </a>
         </div>
      </div>
   </div>
</div>
```

I established a highlighted items division after finishing the category part and included four products to let the customer realize that these are our most popular products.

```
<div class="featured-container">
    <h2 class="title">Featured Products</h2>
    <div class="row">
        <div class="col-4">
            <img src="Style-2images/featured-img-1.jpg" height="200px" alt="">
            <h4>Adidas Predator</h4>
            <p>3000 LKR</p>
        </div>
        <div class="col-4">
            <img src="Style-2images/featured-img-2.png" height="200px" alt="">
            <h4>Nike HyperVenom</h4>
            <p>4000 LKR</p>
        </div>
        <div class="col-4">
            <img src="Style-2images/featured-img-3.jpg" height="200px" alt="">
            <h4>Puma Future Z</h4>
            <p>8000 LKR</p>
        </div>
        <div class="col-4">
            <img src="Style-2images/featured-img-4.jpg" height="200px" alt="">
            <h4>Adidas X Speedflow</h4>
            <p>5000 LKR</p>
        </div>
    </div>
```
I added hover effect to each product when the mouse is hovered over the product enlarges using css.

```
.col-4:hover{
    transform: scale(1.2,1.3);
    cursor: pointer;
}
```

Challenges I had when working on this assignment was that I was given a lot of time to design it since I had run out of design ideas for the main page and had less time to work on the remainder of the task.
A link to the editors' homepage was also included at the conclusion.
```
<div class="editor-page"><a href="page-editor.html"><h3><b>E</b>ditors
<b>P</b>age</h3></a></div>
```

Query Form

Form:
I was able to build input fields for the user to enter details and a button at the end with the
view query option by utilising the form and input tags. Simultaneously, I built a new section
for confirmation of details, with two buttons edit and submit.

I came up with a solution to show an error when input fields are empty and invalid by altering
the css class name to trigger the error message that I put within a small element by utilising
java script to validate input fields. `<small>Error message</small>`
//input validation//

```
    const form = document.getElementById('form');
    const name = document.getElementById('name');
    const email = document.getElementById('email');
    const issues = document.getElementById('issues');
    const subject= document.getElementById('subject');

    //adding event listner to avoid the submitting the form by default//
    form.addEventListener('submit', (e) => {
        e.preventDefault();
        //first intitiating the input validation//
        checkInputs();
        //executed only if the inputs are filled and then moving to the next action//
        confirmInputs();
    });

    function checkInputs(){
        ///getting info from inputs
        const nameValue = name.value.trim();
        const emailValue = email.value.trim();
//      const numberValue = number.value.trim();
        const issuesValue = issues.value.trim();

        //using if condition to check if the inputs are emptyor no.if its empty executes error
fucntion or else executes succss function//
        if(nameValue == ''){
            setError(name,'Please fill in your name');
            valid = false;
        } else{
            setSuccess(name);
            valid = true;
        }

        if (emailValue == ''){
            setError(email,'Please fill in your valid email address');
            valid = false;
        }else if(!validEmail(emailValue)){
            setError(email,'Email is not valid');
            valid = false;

        }else{
            setSuccess(email);
            valid = true;
```

```
        }

        if(issuesValue == ''){
            setError(issues,'Please type your query');
            valid = false;
        } else{
            setSuccess(issues);
            valid = true;
        }


    }
```

Next, I wanted to only show the confirmation box if only valid is true, therefore I used valid = false;/ valid = true; within each if condition.
Once valid was true, I used the same way to hide the query form and open the confirmation box, by changing the css class name and taking the input values from the input fields and placing them into their respective labels inside the confirmation box using .innerHTML

```
document.getElementById('confirmName').innerHTML = name.value.trim();
document.getElementById('confirmEmail').innerHTML = email.value.trim();
document.getElementById('confirmSubject').innerHTML = subject.value;
document.getElementById('confirmQuery').innerHTML = issues.value.trim();
```

Assigning an onclick function to edit button in the confirm box to hide the current form and open he query form.

```
function getForm(){
    document.getElementsByClassName('container hide')[0].className = 'container';
    document.getElementsByClassName('formConfirmation open')[0].className =
'formConfirmation';
    }
```

I had a lot of trouble implementing JavaScript, but after a lot of trial and error, I was able to figure out my mistakes by carefully understanding the key words and key word spellings.

Page Editor

When it came to constructing this page, I didn't have many obstacles because we were simply supposed to display student information. As a result, I used the same background picture that was used to generate the main page and inquiry form in order to stick to the website theme and inserted the necessary students details like ID number, Name, UOW number and completed tasks inside a div tag with the class name "container".

3. Webpage Validation Statement

Main page, query form, editors page which is named as index.html, query_form.html and editors-page.html did not show any errors upon using the website validation site which was recommended by UOW. Screenshot evidence for all three sites have been posted under appendix C.

4. Janet

Section guidelines: Explain how your web site complied with Janet Regulations, Janet Policies and Legal Requirements. Max 200 words

Janet is referred to as an electronic communications network that support the educational and research communities in the United Kingdom. I followed their directions and avoided any prohibited use in creating this assignment in accordance with these Janet requirements.

There was no illegal conduct employed in accordance with the Janet network connection policy. Careful measures were taken to not cross the rules specified in the janet network connection policies.

All data that was utilised in creating the website for example images were thoroughly checked to ensure that they were not vulgar or offensive. Furthermore, any of the included content was not intended or planned to create violence or trouble to any of the party involved. There were no items prepared with the purpose to deceive or defame someone. To avoid copyright violation, required reference and attribution were given when using publicly available content.
Violations of privacy, destruction or corruption of data are all examples of irresponsible behaviour, and which should not be advice or practised under any circumstances.

References

Provide references to resources you have used.

Appendices

Appendix A: Code
Provide a full listing of your files, with well indented and commented code in the following format:

- Filename: index.html
- HTML Code:
  ```
  <!DOCTYPE html>
  <html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  ```

```html
  <link rel="stylesheet" href="style.css">
  <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons+Outlined">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap"
rel="stylesheet">
  <title>Emerald Store</title>
</head>

<body>

<!--top header-->
<div class="header">
    <div class="delivery">We deliver within <strong>1-2 days</strong> within
Colombo</div>
    <nav>
      <div class="logo">Emerald <b style="color:orangered;">S</b>tore</div>
      <div class="search_box">
        <input type="search" placeholder="What are looking for?">
        <span class="material-icons-outlined">search</span>
      </div>
      <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="">Product</a></li>
        <li><a href="query_form.html">Queries</a></li>
        <li><a href="">Site Map</a></li>
        <li><a href="">Gallery</a></li>
        <li><a href="">About Us</a></li>
        <li><a href="">Quiz</a></li>
        <li><a href="content.html">Content</a></li>
      </ul>
    </nav>
</div>

                <!--quote and content section-->
<div class="content">
    <div class="cont_text"><b>G</b>et <b>A</b>ctive <b>G</b>et <b>R</b>unning
<b>P</b>ush<br> <b>Y</b>our <b>L</b>imits <br><button>Explore<span
class="material-icons-outlined">arrow_right_alt</span></button></div>

</div>
                    <!--category part-->

<div class="categories">
    <div class="small-container">
      <div class="row">
        <div class="col">
          <img src="Style-2images/category-jersey.jpg" width="350" alt="Jersey">
          <a href="">
            <h2>Jerseys</h2>
          </a>
        </div>
        <div class="col">
```

```
            <img src="Style-2images/category-football%20boots.jpg" width="350"
alt="Boots">
              <a href="">
                <h2>Boots</h2>
              </a>
          </div>
          <div class="col">
            <img src="Style-2images/category-accessories.jpg" width="350"
alt="Accessories">
              <a href="">
                <h2>Accessories</h2>
              </a>
          </div>
      </div>
   </div>
</div>


                    <!--featured part-->


<div class="featured-container">
   <h2 class="title">Featured Products</h2>
   <div class="row">
      <div class="col-4">
         <img src="Style-2images/featured-img-1.jpg" height="200" alt="Adidas
Predator">
         <h4>Adidas Predator</h4>
         <p>3000 LKR</p>
      </div>
      <div class="col-4">
         <img src="Style-2images/featured-img-2.png" height="200" alt="Nike
HyperVenom">
         <h4>Nike HyperVenom</h4>
         <p>4000 LKR</p>
      </div>
      <div class="col-4">
         <img src="Style-2images/featured-img-3.jpg" height="200" alt="Puma Future
Z">
         <h4>Puma Future Z</h4>
         <p>8000 LKR</p>
      </div>
      <div class="col-4">
         <img src="Style-2images/featured-img-4.jpg" height="200" alt="Adidas X
Speedflow">
         <h4>Adidas X Speedflow</h4>
         <p>5000 LKR</p>
      </div>
   </div>
         <!--editor page html is linked with this anchor tage and by a click it will
redirect to editor details-->

   <div class="editor-page"><a href="page-editor.html"><h3><b>E</b>ditors
<b>P</b>age</h3></a></div>
</div>
</body>
```

```
</html>
```

- CSS code:

```css
body{
    margin: 0px;
    padding: 0px;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
    font-weight: 400;
}

            /*top delivery box*/

.delivery{
    color: black;
    text-align: center;
    background-color: whitesmoke;
    padding: 5px;

}

            /*end of delivery box*/


            /*start of header box*/
.header{
    border-bottom-style: outset;
}
/*  nav bar codes  */
nav{
    display: flex;
    width: 100%;
    text-align:center;
    justify-content: space-around;
    padding: 25px 0px;
    background-color: black;
    border-top-style: outset;

}
nav .logo{
    font-size: 35px;
    font-weight: 800;
    color: whitesmoke;
    cursor: pointer;
}
nav ul{
    display: flex;
    list-style: none;
    margin: auto 0px;
}
nav ul li{
    margin: 0px 2px;
}
nav ul li a{
    color: whitesmoke;
```

```
        font-size: 15px;
        text-decoration: none;
        text-transform: capitalize;
        letter-spacing: 1px;
        padding: 5px 10px;
        transition-duration: 0.4s;
}
nav ul li a:hover{
        background-color: whitesmoke;
        color: orangered;
        border-radius: 5px;


}
nav .search_box{
        position: relative;
        left: 25px;
        display: flex;
        margin: auto 0px;
        height: 30px;
        line-height: 35px;
}
nav .search_box input{
        border: none;
        outline: none;
        background: whitesmoke;
        padding-left: 10px;
        font-size: 13px;
        width: 250px;
        border-radius: 5px;
        border-bottom-right-radius: 0px;
        border-top-right-radius: 0px;


}
nav .search_box span{
        color: whitesmoke;
        background-color: orangered;
        font-size: 20px;
        padding: 8px;
        position: relative;
        cursor: pointer;
        border-radius: 0px 5px 5px 0px;
        transition-duration: 0.4s;
}
nav .search_box span:hover{
        color: black;
        background-color: whitesmoke;
        border: 2px solid black;
}

                        /*end of header styling*/


.content{
        width: 100%;
        background-image: url(Style-2images/background-image.jpg);
```

```
        height: 500px;
        position: absolute;
        background-position:center;
        background-size: cover;
}
/*end of header section*/

/*content part*/

.content .cont_text{
        position: relative;
        top: 180px;
        left: 100px;
        color: whitesmoke;
        font-size: 30px;
        width: 400px;
        text-align: center;
        line-height: 1.5
}
b{
        color: orangered;
}
.content .cont_text button{
        background-color: orangered;
        padding: 10px 40px 10px 30px;
        font-weight: bold;
        font-size: 15px;
        cursor: pointer;
        transition-duration: 0.4s;
        border-radius: 20px;
        border: none;
        color: whitesmoke;
}
.content .cont_text button:hover{
        background-color: whitesmoke;
        border: 2px solid orangered;
        font-size: 18px;
        color: black;
}
span{
        position: absolute
}
.cont_text button span{
        bottom: 5px;
        padding: 2px
}

/*end of content*/

/*start of category section*/

.categories{
        width: 100%;
        margin: 70px 0 ;
        position: relative;
```

```css
    top: 500px;
}
.col{
    display: inline-block;
    flex-basis: 30%;
    min-width: 250px;
}
.col h2{
    color: black;
}
.col a{
    text-decoration: none;
}
.categories .small-container{
    margin: auto;
    max-width: 1080px;
    padding-left: 25px;
    padding-right: 25px;
}
.categories .small-container img{
    border-radius: 5px;
}
.categories .small-container h2{
    position: relative;
    text-align: center;
    margin: 0px;
    top: 00px;
}
/*end of category section*/

/*start of featured area*/

.featured-container{
    position: relative;
    width: 100%;
    text-align: center;
    top: 450px;
}
.col-4{
    display: inline-grid;
    min-width: 200px;
    margin-bottom: 50px;
    transition-duration: 0.4s;
}

.col-4 img{
    border-radius: 5px;
    width: 280px;
}
h4{
    font-weight: bolder;
}
p{
    color: darkgrey;
}
```

```css
p,h4{
    text-align: left;
    margin: 0px;
}
.title{
    margin: 100px auto 80px;
    position: relative;
    line-height: 60px;
}
.title::after{
    content: '';
    background: #ff523b;
    width: 80px;
    height: 5px;
    border-radius: 5px;
    position: absolute;
    bottom: 0;
    left: 60%;
    transform: translateX(-200%);
}
.col-4:hover{
    transform: scale(1.2,1.3);
    cursor: pointer;
}
.featured-container .editor-page a{
    color: black;
    text-decoration: none;
    text-align: right;
    font-size: 12px;
    transition-duration: 0.4s;
}
.featured-container .editor-page a:hover{
    text-decoration: underline 2px orangered;
}
```

- Filename: query_form.html
- HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="querystyle.css">
    <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons+Outlined">
    <link
href="https://fonts.googleapis.com/css2?family=Poppins&display=swap"
rel="stylesheet">
    <link rel="stylesheet" id="themeStylesheetLink" href="themes/light.css">
    <title>Query Form</title>
</head>

<body>


                <!--common header/navigation bar codes-->

 <div class="header">
   <nav>
      <div class="logo">Emerald <b style="color:orangered;">S</b>tore</div>
      <div class="search_box">
         <input type="search" placeholder="What are looking for?">
         <span class="material-icons-outlined">search</span>
      </div>
      <ul>
         <li><a href="index.html">Home</a></li>
         <li><a href="">Product</a></li>
         <li><a href="query_form.html">Queries</a></li>
         <li><a href="">Site Map</a></li>
         <li><a href="">Gallery</a></li>
         <li><a href="">About Us</a></li>
         <li><a href="">Quiz</a></li>
         <li><a href="content.html">Content</a></li>
      </ul>
    </nav>
 </div>

                <!-- start of the form section-->

<div class="container" id="container">
   <h1>GET IN TOUCH</h1>
   <p>Any queries ?
      Drop us a message</p>
   <form action="mailto:ahamed.20200842@iit.ac.lk" method="get"
name="emailForm" class="form" id="form">
      <div class="row">
         <div class="column">
            <label for="name">Name</label>
```

17

```html
        <input type="text" id="name" placeholder="Enter your name here"
name="name">
            <small>Error message</small>
        </div>
        <div class="column">
            <label for="email">Email</label>
            <input type="text" id="email" placeholder="Enter your email here"
name="email">
            <small>Error message</small>
        </div>
    </div>
    <div class="row">
        <div class="column">
            <label for="subject">Subject</label>
            <select name="subject" id="subject">
                <option value="Delivery">Delivery</option>
                <option value="Product">Product</option>
                <option value="Packaging">Packaging</option>
            </select>
        </div>
    </div>
    <div class="row">
        <div class="column">
            <label for="issues">Describe your query</label>
            <textarea name="query_details" id="issues" placeholder="Type
your query here" rows="3"></textarea>
            <small>Error message</small>
        </div>
    </div>
    <button id="viewbtn">View Query</button>
    </form>
</div>


                <!--form confirmation section-->


<div class="formConfirmation">
    <h1>Confirmation</h1>
    <h3>Name:</h3><label id="confirmName"></label>
    <h3>Email:</h3><label id="confirmEmail"></label>
    <h3>Subject:</h3><label id="confirmSubject"></label>
    <h3>Query Details:</h3><p id="confirmQuery"></p>
    <div class="btn"><button class="edit" onclick="getForm();">Edit</button>
        <button class="send" form="form" onclick= "document.location =
'mailto:ahamed.20200842@iit.ac.lk'">Send</button>
    </div>
</div>


                <!--theme selector section-->


<div class="themes">
    <select id="themeSelect">
        <option value="light">Light</option>
        <option value="dark">Dark</option>
    </select>
</div>
```

```
<div class="footer">
   <div class="editor-page"><a href="page-editor.html"><h3><b style="color:
orangered">E</b>ditors <b style="color:
orangered">P</b>age</h3></a></div>
</div>

                    <!--start of java script-->
<script>

   //theme selector//
   function initThemeSelector(){
      const themeSelect = document.getElementById("themeSelect");
      const themeStylesheetLink =
document.getElementById("themeStylesheetLink");

      //grabbing the theme css fiiles and chnaging it according to the user
selection//
      function activateTheme(themeName){
         themeStylesheetLink.setAttribute("href",
`themes/${themeName}.css`);
      }
      //adding a event listener to selec tag//
      themeSelect.addEventListener("change", () =>{
         activateTheme(themeSelect.value)});
   }
   //initiate the function once the html is loaded //
   initThemeSelector();

   //input validation//

   const form = document.getElementById('form');
   const name = document.getElementById('name');
   const email = document.getElementById('email');
   const issues = document.getElementById('issues');
   const subject= document.getElementById('subject');

   //adding event listner to avoid the submitting the form by default//
   form.addEventListener('submit', (e) => {
      e.preventDefault();
      //first intitiating the input validation//
      checkInputs();
      //executed only if the inputs are filled and then moving to the next
action//
      confirmInputs();
   });

   function checkInputs(){
      ///getting info from inputs
      const nameValue = name.value.trim();
      const emailValue = email.value.trim();
//    const numberValue = number.value.trim();
      const issuesValue = issues.value.trim();

      //using if condition to check if the inputs are emptyor no.if its empty
executes error fucntion or else executes succss function//
```

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```
        if(nameValue == ''){
            setError(name,'Please fill in your name');
            valid = false;
        } else{
            setSuccess(name);
            valid = true;
        }

        if (emailValue == ''){
            setError(email,'Please fill in your valid email address');
            valid = false;
        }else if(!validEmail(emailValue)){
            setError(email,'Email is not valid');
            valid = false;

        }else{
            setSuccess(email);
            valid = true;
        }

        if(issuesValue == ''){
            setError(issues,'Please type your query');
            valid = false;
        } else{
            setSuccess(issues);
            valid = true;
        }

    }
    //checking if all inputs are valid
    function confirmInputs(){
        if(valid==true){
            //opening the confirm form using the class name and display visibility
attribute//
            document.getElementsByClassName('container')[0].className =
'container hide';

document.getElementsByClassName('formConfirmation')[0].className =
'formConfirmation open';
            setConfirmInputs();
        }
    }
    //hiding the query form using css class name and attribute visibility//
    function getForm(){
        document.getElementsByClassName('container hide')[0].className =
'container';
        document.getElementsByClassName('formConfirmation
open')[0].className = 'formConfirmation';
    }
    //getting form details and setting it to the confirm form labels//
    function setConfirmInputs(){
        document.getElementById('confirmName').innerHTML =
name.value.trim();
        document.getElementById('confirmEmail').innerHTML =
email.value.trim();
```

```
document.getElementById('confirmSubject').innerHTML = subject.value;
document.getElementById('confirmQuery').innerHTML =
issues.value.trim();
    }
    //rror function to display the empty field warning
    function setError(input,message){
        const column = input.parentElement; //.column div
        const small = column.querySelector('small');

        //add error message inside small
        small.innerHTML = message;

        //add error to column class to trigger column error css code
        column.className = 'column error';
    }
    // function used to check the validity of the email
    function validEmail(email){
        return /^\w+([\.-]?\w+)*@\w+([\.-]?\w+)*(\.\w{2,3})+$/.test(email);
    }

    //success function to set a green border color by changing the css class
name to show the user that field is valid//
    function setSuccess(input){
        const column = input.parentElement;
        //add success to column class to trigger column success css code
        column.className = 'column success';
    }
</script>

</body>
</html>
```

- CSS code:
```
*,
*:before,
*:after{
    padding: 0;
    margin: 0;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
}
body{
    height: 100vh;
    background-image: url(Style-2images/background-image.jpg);
}




                                /*start of header box*/
.header{
    border-bottom-style: outset;
}
/*  nav bar codes  */
nav{
```

```
        display: flex;
        width: 100%;
        position: relative;
        text-align:center;
        justify-content: space-around;
        padding: 25px 0px;
        background-color: black;
    }
    nav .logo{
        font-size: 35px;
        font-weight: 800;
        color: whitesmoke;
        cursor: pointer;
    }
    nav ul{
        display: flex;
        list-style: none;
        margin: auto 0px;
    }
    nav ul li{
        margin: 0px 2px;
    }
    nav ul li a{
        color: whitesmoke;
        font-size: 15px;
        text-decoration: none;
        text-transform: capitalize;
        letter-spacing: 1px;
        padding: 5px 10px;
        transition-duration: 0.4s;
    }
    nav ul li a:hover{
        background-color: whitesmoke;
        color: orangered;
        border-radius: 5px;

    }
    nav .search_box{
        position: relative;
        left: 10px;
        display: flex;
        margin: auto 0px;
        height: 30px;
        line-height: 35px;
    }
    nav .search_box input{
        border: none;
        outline: none;
        height: 30px;
        background: whitesmoke;
        padding-left: 10px;
        font-size: 13px;
        width: 250px;
        border-radius: 5px;
        border-bottom-right-radius: 0px;
```

```
       border-top-right-radius: 0px;

}
nav .search_box span{
    color: whitesmoke;
    background-color: orangered;
    font-size: 20px;
    padding: 6px 8px 8px 8px;
    position: relative;
    top: 5px;
    cursor: pointer;
    border-radius: 0px 5px 5px 0px;
    transition-duration: 0.4s;
}
nav .search_box span:hover{
    color: black;
    background-color: whitesmoke;
    border: 2px solid black;
}

                    /*end of header styling*/


                        /*form section*/


.container{
    margin-top: 20px;
    background-color: var(--primary-background-color);
    width: 70%;
    padding: 35px 50px 40px 50px;
    min-width: 420px;
    transform: translate(-50%,-50%);
    position: relative;
    top: 50%;
    left: 50%;
    border-radius: 10px;
    box-shadow: 10px 10px 15px black;
    opacity: 80%;
    color: var(--primary-text-color);
}
h1{
    font-size: 30px;
    text-align: center;

}
p{
    position: relative;
    margin: auto;
    width: 100%;
    text-align: center;
    font-size: 15px;
}
.container.hide{
    visibility: hidden;
```

```css
}
form{
    width: 100%;
    position: relative;
    margin: 30px auto 0 auto;
}
.row{
    width: 100%;
    display: grid;
    grid-template-columns: repeat(auto-fit,minmax(300px,1fr));
    grid-gap: 20px 30px;
    margin-bottom: 20px;
}

/*shows the warning*/

.column small{
    visibility: hidden;
}

/*triggers when input is empty*/

.column.error input{
    border: 2px solid red;
}
.column.error textarea{
    border: 2px solid red;
}

/*warning an empty feild*/

.column.error small{
    visibility: visible;
    font-size: 10px;
    color: red;
    font-weight: 500;
}

/*triggers when input is valid*/

.column.success input{
    border: 2px solid #90EE90;
}
.column.success textarea{
    border: 2px solid #90EE90;
}

label{
    font-size: 16px;
    font-weight: 600;

}
textarea,
input{
    width: 100%;
```

```css
    font-weight: 400;
    padding: 8px 10px;
    border-radius: 5px;
    border: 1.8px solid grey;
    margin-top: 5px;
}
textarea{
    resize: none;
}
textarea:focus,
input:focus{
    outline: none;
    border-color: coral;
}
select{
    width: 100%;
    height: 39px;
    border: 1.8px solid grey;
    border-radius: 5px;
    margin-top: 7px;
}
button{
    border: none;
    padding: 10px 20px;
    background: orangered;
    cursor: pointer;
    color: ghostwhite;
    font-weight: 700;
    border-radius: 3px;
    position: relative;
    left: 35%;
    width: 200px;
}
button:hover{
    transition-duration: 0.4s;
    background-color: slategrey;
}

                        /*end of form styling*/

                        /*theme selector styling*/


.themes{
    text-align: left;
    position: relative;
    top: 10px;
}
.themes select{
    width: 60px;
    height: 20px;
    font-size: 10px;
    background-color: var(--primary-select-color);
    border-style: none;
}
```

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/*end of of theme selector styling*/

/*confirmation box*/

```css
.formConfirmation{
    margin-top: 100px;
    position: absolute;
    top: 50%;
    left: 50%;
    background-color: var(--primary-background-color);
    border-radius: 10px;
    box-shadow: 10px 10px 15px black;
    opacity: 80%;
    color: var(--primary-text-color);
    width: 60%;
    padding: 35px 50px 40px 50px;
    min-width: 420px;
    transform: translate(-50%,-50%);
    visibility: hidden;
}

/*triggers only when inputs are valid*/

.formConfirmation.open{
    visibility: visible;
}

.formConfirmation h1{
    margin-bottom: 50px;
}
.formConfirmation.btn button{
    margin: 20px;
}
.formConfirmation h3{
    width: 100px;
}
.formConfirmation label{
    font-size: 18px;
    font-weight: bold;
    position: relative;
    left: 120px;
    margin: 5px;
    bottom: 30px;
    width: 100px;
}
.formConfirmation p{
    width: 80%;
    position: relative;
    bottom: 25px;
    font-weight: bold;
    left: 50px;
}
```

/*end of confirmation boc styling*/

```css
.footer .editor-page a{
    color: ghostwhite;
    text-decoration: none;
    text-align: right;
    font-size: 12px;
    transition-duration: 0.4s;
}
.footer .editor-page a:hover{
    text-decoration: underline 2px orangered;
}
```

- Filename: page_editor.html
- HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="page-editorstyle.css">
    <link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap" rel="stylesheet">
    <title>Page Editor</title>
</head>

<body>
  <div class="container">
    <div class="small-container">
      <div class="page-editor-img">
        <img src="Style-2images/page-editor-image.jpeg"  height="200" alt="">
      </div>
      <div class="editor-details">
        <h3>Name: Shabeer Nuhman</h3>
        <h3>IIT ID: 20200842</h3>
        <h3>UOW No: 1868567</h3>
        <h3>Student Role: 2</h3>
        <h3>Group No: 05</h3>
      </div>
      <div class="task-details">
         <h3>Task Completed</h3>
        <h3>Task 2a: Main (Home) Page </h3>
        <h3>Task 2b: Main site navigation</h3>
        <h3>Task 3: Query Form</h3>
        <h3>Task 9a: External CSS (created)</h3>
        <h3>Task 10: Extra content page/anchors</h3>
        <h3>Task 11: Page Editor</h3>
```

```
        <h3>Task 12: Logo/Page Editor</h3>
      </div>
    </div>
  </div>
</body>
</html>
```

- CSS code:

```
body{
    margin: 0px;
    padding: 0px;
    box-sizing: border-box;
    font-family: 'Poppins', sans-serif;
    font-weight: 400;
    font-size: 12px;
}

.container{
    background-image: url(Style-2images/background-image.jpg);
    background-position:center;
    background-size: cover;
}
.container .small-container{
    background-color: ghostwhite;
    opacity: 90%;
    width: 50%;
    margin: auto;
    text-align: center;
    border-radius: 10px;
    position: relative;
}
.container .small-container .page-editor-img img{
    border-radius: 20px;
    margin-top: 20px;
    border: 2px solid orangered;
    opacity: 100%
}
.container .small-container .editor-details{
    position: relative;
    right: 150px;
}
.task-details{
    position: relative;
    bottom: 90px;
    left: 110px;
}
```
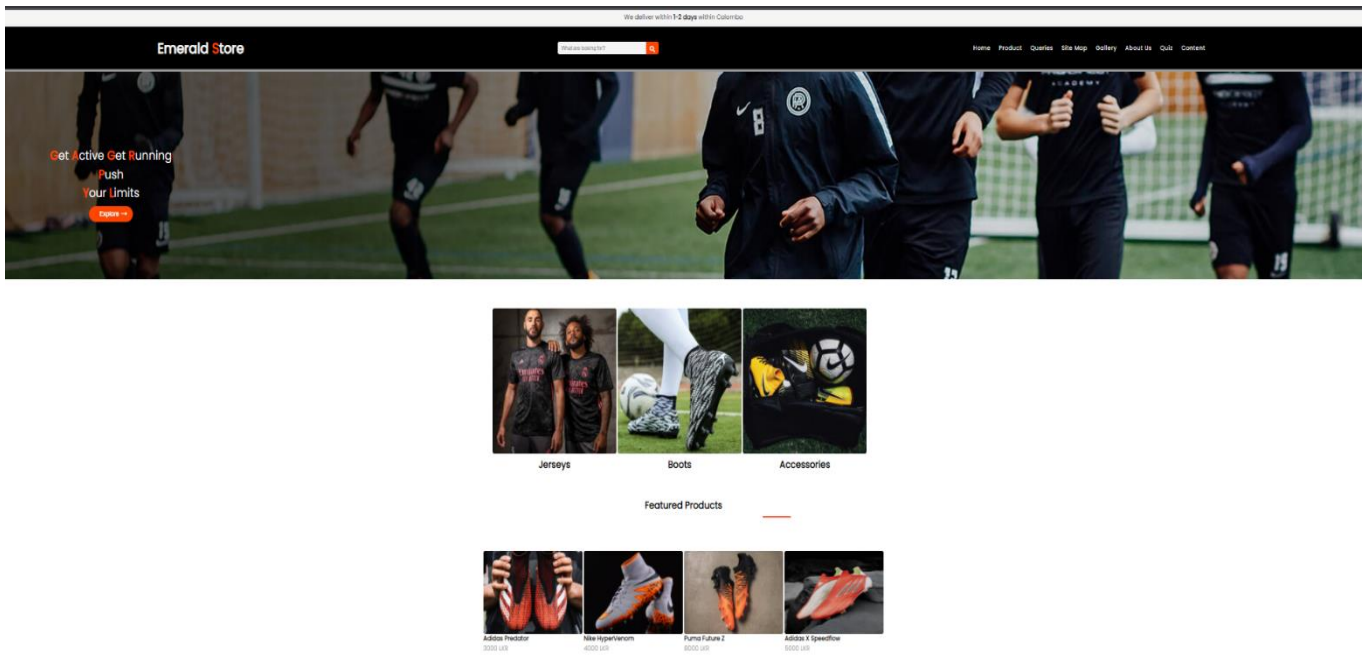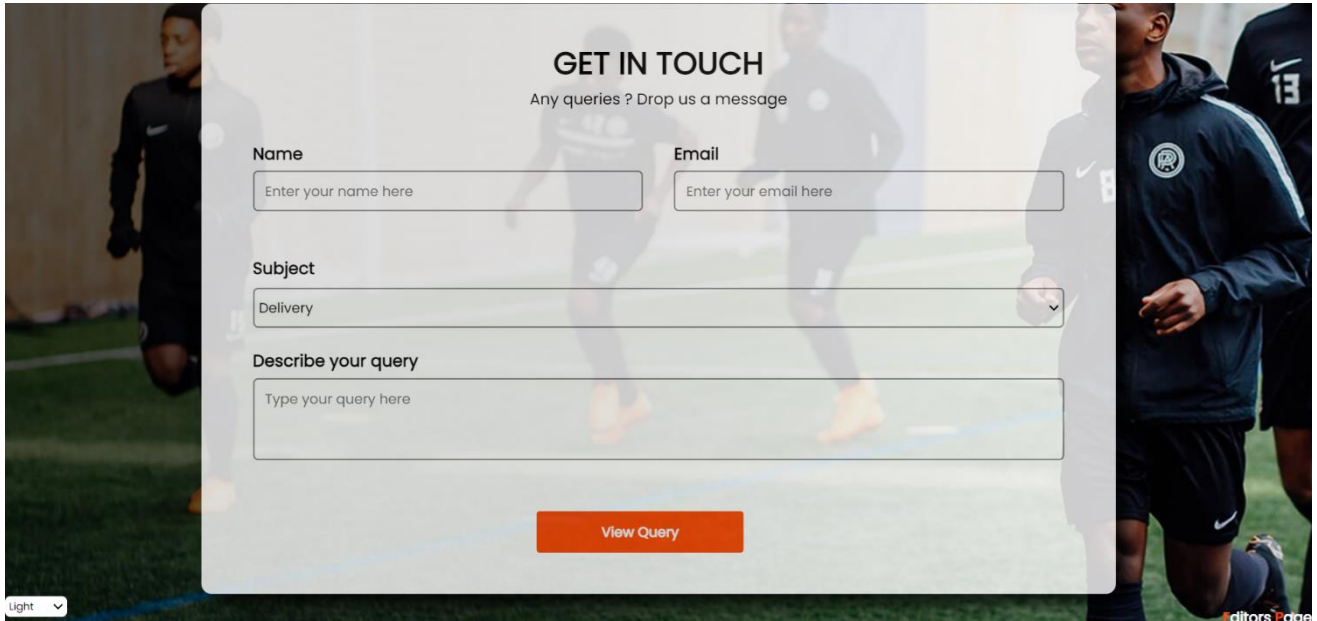
Appendix B: Screenshots
Provide a screenshot of all your web pages, in the following format:

- Filename: index.html

- Screenshot(s)

- Filename: query_form.html
- Screenshot

- Filename: page-editor
- Screenshot:

Appendix C: Screenshots - Webpage Validation Evidence

Filename: index.html

```
Document checking completed. No errors or warnings to show.

Source

 1.  <!DOCTYPE html>
 2.  <html lang="en">
 3.  <head>
 4.    <meta charset="utf-8">
 5.    <meta name="viewport" content="width=device-width, initial-scale=1.0">
 6.    <link rel="stylesheet" href="style.css">
 7.    <link rel="stylesheet" href="https://fonts.googleapis.com/icon?family=Material+Icons+Outlined">
 8.    <link rel="preconnect" href="https://fonts.googleapis.com">
 9.    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
10.    <link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap" rel="stylesheet">
11.    <title>Emerald Store</title>
12.  </head>
13.
14.  <body>
15.
16.  <!--top header-->
17.  <div class="header">
18.      <div class="delivery">We deliver within <strong>1-2 days</strong> within Colombo</div>
19.      <nav>
20.          <div class="logo">Emerald <b style="color:orangered;">S</b>tore</div>
21.          <div class="search_box">
22.              <input type="search" placeholder="What are looking for?">
23.              <span class="material-icons-outlined">search</span>
24.          </div>
25.          <ul>
26.              <li><a href="index.html">Home</a></li>
27.              <li><a href="">Product</a></li>
28.              <li><a href="query_form.html">Queries</a></li>
29.              <li><a href="">Site Map</a></li>
30.              <li><a href="">Gallery</a></li>
31.              <li><a href="">About Us</a></li>
```

Filename: page-editor.html

```
Document checking completed. No errors or warnings to show.

Source

 1.  <!DOCTYPE html>
 2.  <html lang="en">
 3.  <head>
 4.      <meta charset="utf-8">
 5.      <meta name="viewport" content="width=device-width, initial-scale=1.0">
 6.      <link rel="stylesheet" href="page-editorstyle.css">
 7.      <link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap" rel="stylesheet">
 8.      <title>Page Editor</title>
 9.  </head>
10.
11.  <body>
12.      <div class="container">
13.          <div class="small-container">
14.              <div class="page-editor-img">
15.                  <img src="Style-2images/page-editor-image.jpeg"  height="200" alt="">
16.              </div>
17.              <div class="editor-details">
18.                  <h3>Name: Shabeer Nuhman</h3>
19.                  <h3>IIT ID: 20200842</h3>
20.                  <h3>UOW No: 1868567</h3>
21.                  <h3>Student Role: 2</h3>
22.                  <h3>Group No: 05</h3>
23.              </div>
24.              <div class="task-details">
25.                  <h3>Task Completed</h3>
26.                  <h3>Task 2a: Main (Home) Page </h3>
27.                  <h3>Task 2b: Main site navigation</h3>
28.                  <h3>Task 3: Query Form</h3>
29.                  <h3>Task 9a: External CSS (created)</h3>
30.                  <h3>Task 10: Extra content page/anchors</h3>
31.                  <h3>Task 11: Page Editor</h3>
```

Filename: query_form.html

Document checking completed. No errors or warnings to show.

Source

```
1.  <!DOCTYPE html>
2.  <html lang="en">
3.  <head>
4.      <meta charset="utf-8">
5.      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6.      <link rel="stylesheet" href="querystyle.css">
7.      <link rel="stylesheet" href="https://fonts.googleapis.com/icon?family=Material+Icons+Outlined">
8.      <link href="https://fonts.googleapis.com/css2?family=Poppins&display=swap" rel="stylesheet">
9.      <link rel="stylesheet" id="themeStylesheetLink" href="themes/light.css">
10.     <title>Query Form</title>
11. </head>
12.
13. <body>
14.
15.
16.                     <!--common header/navigation bar codes-->
17.
18. <div class="header">
19.     <nav>
20.         <div class="logo">Emerald <b style="color:orangered;">S</b>tore</div>
21.         <div class="search_box">
22.             <input type="search" placeholder="What are looking for?">
23.             <span class="material-icons-outlined">search</span>
24.         </div>
25.         <ul>
26.             <li><a href="index.html">Home</a></li>
27.             <li><a href="">Product</a></li>
28.             <li><a href="query_form.html">Queries</a></li>
29.             <li><a href="">Site Map</a></li>
30.             <li><a href="">Gallery</a></li>
31.             <li><a href="">About Us</a></li>
```

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Appendix D: Individual Statement

Student Name:	Shabeer Nuhman	Student Id:	20200842

State what tasks you carried out in the project.

- Navigation bar
- Query form
- Main page

State what you enjoyed and did not enjoy about teamwork.

Working in a team did create good memories not only in terms of academic but also created bond between each other. Therefore, I enjoyed working with them as a team.

State what you learnt about teamwork.

Engaging In teamwork helped me boost my level of confidence in speaking and made me understand the level of knowledge shared amongst the teammates compared to working individually

State what skills you gained/learnt from undertaking the project.

Creativity
Time management

State any strengths about yourself that emerged whilst undertaking the project.

Good communication skill

State any weaknesses about yourself that emerged whilst undertaking the project.

Time management

State how you would do things better if you were to undertake the project again.

Firstly, I would allocate a set time period to spend on each task.
Understand and do plenty of research on the allocated task before starting to work on it as soon as possible

Additional general or project specific comments:

had to face a lot of difficulties coordinating and scheduling meeting due to multiple power cuts