

Web Design and Development 4COSC011W

Report

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Links to Website

URL:

<https://w1810194.users.ecs.westminster.ac.uk/>

<https://w1810194.users.ecs.westminster.ac.uk/queries.html>

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1. Introduction

Topic: Entertainment / Retro-gaming

Website name: 8-bit store

Members:

- Desira Wijesundara – Main page & External CSS, Query Form.
- Dinusha Amarasingha – Quiz, Student details.
- Onel Liyanage – Presentation Page, Buy Products.
- Rumeth Randoombage – Diagram, Thumbnail images.

2. Technical Discussion

I was assigned with the tasks of student 2, which is to create the main page, the query page and a common external style sheet which could be used throughout the site. The initial step was to set the necessary styling to the overall page, followed by creating the navigation bar using an unordered list as follows;

```
<ul>
  <li><a href="https://w1810194.users.ecs.westminster.ac.uk/index.html">HOME</a></li>
  <!--
    creating a dropdown section
  -->
  <div class="dropdown">
    <li><a href="https://w1809912.users.ecs.westminster.ac.uk/">SHOP</a></li>
    <div class="dropdown-content">
      <a href="https://w1809912.users.ecs.westminster.ac.uk#consoles">CONSOLES</a>
      <a href="https://w1809912.users.ecs.westminster.ac.uk#games">GAMES</a>
    </div>
  </div>
  <li><a href="//w1809751.users.ecs.westminster.ac.uk/">TRIVIA</a></li>
  <li><a href="https://w1809911.users.ecs.westminster.ac.uk/">RETROSPECTIVE</a></li>
  <li><a href="https://w1809911.users.ecs.westminster.ac.uk/sitemap.html">SITE MAP</a></li>
  <li><a href="https://w1809751.users.ecs.westminster.ac.uk/Student_Details">ABOUT</a></li>
  <li><a href="https://w1810194.users.ecs.westminster.ac.uk/queries.html">QUERIES</a></li>
</ul>
```

The two logos of the website were positioned using the float effect to be kept apart from the rest of the navigation bar, and were given the necessary padding and sizing effects. Rest of the list is inside a div tag with a class associated with it named navbar, which uses the following cascading style;

```
.navbar{  
  width: 100%;  
  position: fixed;  
  background-color: #283747;  
  top: 0;  
  left: 0;  
  height: 5em;  
  text-align: center;  
  z-index: 3;  
}
```

```
.navbar a{  
  display: block;  
  text-align: center;  
  padding: 15px 15px;  
  text-decoration: none;  
  transition: 0.3s ease;  
}
```

```
ul li {  
  display: inline-block;  
  font-size: 130%;  
}
```

The z-index was set to a higher number to make sure the navigation bar appears over all other content which can result in easy navigation and non-disruptive hover effects. The anchor tags were styled as buttons with enough padding to spread throughout the navigation bar, and were displayed using inline block effect.

```
.dropdown{  
  position: relative;  
  display: inline-block;  
}  
.dropdown-content{  
  display: none;  
  position: absolute;  
  background-color: #283747;  
  min-width: 140px;  
}  
.dropdown-content a {  
  text-decoration: none;  
  text-align: left;  
}  
.dropdown:hover .dropdown-content{display:block;}
```

A separate div section was created and associated with a class named dropdown (as shown above) to create a dropdown menu for the shop section.

```

<!--
  setting the top image
-->
<div id="main_image"></div>
<!--
  setting the introduction division
-->

```

```

#main_image{
  position: absolute;
  background: url("Images/main_image.jpg");
  background-position: top;
  height:100%;
  width:100%;
  left: 0;
  right: 0;
  z-index: -1;
}

```

The image used in the top was achieved using an id named main image which was positioned using CSS with a width and height of 100% and setting the left and right positioning to 0 so that the background does not flow out of the corners.

```

<div id="top_div">
  <p>Are you a fanatic for retro games?
    Wanting to take a look back at the golden era of gaming?</p>
  <p>Perhaps you might be one of those videogame connoisseurs searching
    for that final piece to complete your life long video game collection?</p>
  <p>Or are you just passing by wanting a fresh breath of nostalgia?</p>
  <p>Mind not, for we serve all, in the most gracious manner.
    With a vast collection of classic games, and consoles,
    the 8-bit Store never fails to deliver. </p>

  
</div>

```

The rest of the main page contains an introduction and three brief descriptions about the rest of the pages, which was made using div sections which follow identical CSS styles as follows (Since all sections are identical only the code of one section will be used for demonstration of the functionality). The sections are made up of text on the top and followed by an image or a gif animation at the bottom. The styling used is as follows;

```

#top_div{
  width: 55%;
  text-align: center;
  background-color: #283747;
  padding-left: 30px;
  padding-right: 30px;
  padding-top: 40px;
  padding-bottom: 40px;
  position: absolute;
  top: 90%;
  left: 20%;
  font-size: 100%;
  transition: transform .7s;
  z-index: 2;
}

```

```

#top_div:hover{
  transform: scale(1.1);
  background-color: #730099;
  border-style: solid;
  border-color: black;
  border-width: thick;
}

```

The sections have a hover effect, which increases the scale by 0.1% and changes the background colour. The rest of the three sections are aligned adjacently with gif animations to complement the overall theme.

The bottom part of the webpage contains the footer which consists of a mock “For more information” section, a back to the top button and a button which redirects to a page editors information page.

```
<footer>
  <!--
  the left hand side of the footer section
  -->
  <div id="rhs">
    <br></br>
    <a href="Editor_desira.html" ><button id="size">Page Editor</button></a>
    <br></br><br></br>
    <br></br><br></br>
    <br></br>
    <a href="#top" id="top_button"><button id="size"> Back to the top</button></a>

  </div>
  <!--
  the right hand side of the footer section
  -->
  <div id="lhs">
    <h2>For More Information:</h2>
    <p>Mobile: 123456789</p>
    <p>Email : 8bit@retro.com</p>
    <p>Address: 12/3,retro road,8 bit city</p>

    <h3>Our socials:</h3>
    
    
    
    

  </div>
</footer>
```

As shown above, the two buttons are inside anchor tabs which has reference tags which leads to the corresponding page (page editor button leads to page editor page) upon clicking it. The left-hand side and right-hand side of the footer is achieved by putting the information content and the buttons on two different divisions and putting the float effect to separate the content in two, as shown below by the styling;

```

#lhs{
  float: left;
  width: 40%;
  height: 270px;
  padding: 2%;
}

#rhs{
  float: right;
  width: 30%;
  height: 300px;
  padding-left: 15%;
}

```

Making the footer stick to the bottom of the page was extremely challenging, and lead to many experimentations. The current state of the footer is a result of many a trial and error.

My next task was making query form based on the websites theme, which uses JavaScript for input validation and button functionalities. The initial stage of the form was implemented using basic form tags like label, input, select menu and text-area. Since it has been mentioned to use a send mail button outside the form which will be displayed later on, an action event of mail-to had to implemented in the form tag.

```

<form action="mailto:desirasenal@gmail.com" method="post" enctype="text/plain" name="query" id="query_form">

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

  <label for="lname" >Last Name:</label>
  <input type="text" id="lname" name="Last Name"><br><br>

  <label for="email" >Email Address: </label>
  <input type="text" id="email" name="Email"><br><br>

  <label for="subject">Requirement : </label>
  <select id="subject" name="Subject" >

    <option value="buy_console">Buy console</option>
    <option value="rent_console">Rent console</option>
    <option value="buy_game">Buy game</option>
    <option value="rent_game">Rent game</option>
    <option value="special">Special request</option>
  </select><br><br>

  <label for="query" >Query Detail</label>
  <textarea id="query" rows="7" cols="30" name="Query"></textarea><br><br>
  <!--
  once view query button is clicked, call the validation function
  -->
  <button onclick="return validation()">View Query</button>
</form>

```

As shown above in the snippet, the form continues as usual, but instead of a submit type input, it was necessary to implement a button which upon clicking will call a function named validation. The validation function had to be used in order to make sure all the input fields are filled in, and the email input contains an "@" sign. The function is as follows;

```
function validation(){
var fname = document.forms["query"]["First Name"].value;
if(fname==""){
    alert("First name is required");
    return false;
}
var lname = document.forms["query"]["Last Name"].value;
if(lname==""){
    alert("Last name is required");
    return false;
}
var email = document.forms["query"]["Email"].value;
if(email==""){
    alert("Email is required");
    return false;
}
if(!email.includes("@")){
    alert("Please enter valid email");
    return false;
}
var query = document.forms["query"]["Query"].value;
if(query==""){
    alert("Please fill out query");
    return false;
}

if(fname!=""&&lname!=""&&email!=""&&query!=""){
    hideform();
    return false;
}
}
```

The function assigns user input values to variables to be used inside the if statements. If the input fields are equal to an empty space, the function alerts the user to enter the required field, and returns a false value. If all the input fields are filled in, the input function calls another function inside the function itself named hideform;

```
function hideform() {
  document.getElementById("form_div").style.display = "none";
  document.getElementById("summary_div").style.display = "block";
  document.getElementById("fname_var").innerHTML = document.getElementById("fname").value
  document.getElementById("lname_var").innerHTML = document.getElementById("lname").value
  document.getElementById("email_var").innerHTML = document.getElementById("email").value
  document.getElementById("sub_var").innerHTML = document.getElementById("subject").value
  document.getElementById("query_var").innerHTML = document.getElementById("query").value
}
```

This function sets the display of the form to none, resulting it to be hidden. The next line, sets the summary section to display which was hidden in its' initial stage. All of the user inputs are stored into ids, which can be used to show the user inputs inside span tags.

```
<!--
create a new division and set the initial stage to hidden
-->
<div name="summary" hidden id="summary_div">
  <!--
  display all the variable vlaues within span sections
  -->
  <h2>Summary</h2>
  <h4>First Name: <span id="fname_var"> </span></h4>
  <h4>Last Name: <span id="lname_var"> </span></h4>
  <h4>Email: <span id="email_var"> </span></h4>
  <h4>Subject: <span id="sub_var"> </span></h4>
  <h4>Query: <span id="query_var"> </span></h4>
  <!--
  ocne the edit button is clicked hide the summary and display the initial form,
  with the details filled in
  -->
  <button onclick="hidesummary()" name="edit">Edit</button>
  <!--
  submit the form details to page creators via mail using this button which is outside the form,
  and hide the form as well
  -->
  <button type="submit" form="query_form" value="Submit" onclick="send_hide()">Send</button>
</div>
```

The user inputs will be shown in a summary, giving the user to either edit their inputs, or to send the query via mail. Clicking the edit button will result in the hidesummary function.

```
function hidesummary() {
  document.getElementById("summary_div").style.display = "none";
  document.getElementById("form_div").style.display = "block";
}
```

This function will set the display of the summary to none, which will result in it being hidden, and the previous form the details filled in, will be displayed. If the send button is clicked, the user will be redirected to the mailing process(since this button is

connected to the form section via the “form=query_form” tag), with the use of send_hide function.

```
function send_hide(){  
    document.getElementById("summary_div").style.display = "none";  
    alert("You will be redirected to the mailing process");  
}
```

The alert will be displayed, and will lead the user to the mailing app with the user inputted information in the subject.

The query form section was as challenging or more challenging than setting the footer, since this required a considerable amount of JavaScript and functions.

3. Janet

Most of the images or content used in the creation of this website are either referenced, or created by myself, hence making it a questionable to consider this an infringement of copyright.

Nothing in the website is used for hacking or other disruptive activity, but is created to demonstrate technical skills such as HTML, CSS and JavaScript.

Nothing in this website should be considered offensive material, threatening in any way since the theme of this website is classical gaming, and most of the games used in this project were rated by ESRB to be suitable to everyone.

References

Gifer.com. 2021. [online] Available at: <<https://gifer.com/en/>> [Accessed 24 March 2021].

Hook Agency. 2021. 7 Amazing Website Color Schemes 2021 + Color Mood Board. [online] Available at: <<https://hookagency.com/website-color-schemes/>> [Accessed 24 March 2021].

itl.cat. 2021. Retro Gaming Wallpaper - 90s Arcade (#117908) - HD Wallpaper & Backgrounds Download. [online] Available at: <https://www.itl.cat/wallview/wbbbT_retro-gaming-wallpaper-90s-arcade/> [Accessed 24 March 2021].

W3schools.com. 2021. W3Schools Online Web Tutorials. [online] Available at: <<https://www.w3schools.com/>> [Accessed 24 March 2021].

Wallpapercave.com. 2021. Retro Games Controllers Wallpapers - Wallpaper Cave. [online] Available at: <<https://wallpapercave.com/retro-games-controllers-wallpapers>> [Accessed 24 March 2021].

Appendices

Appendix A: Code

mainpage.html

```

<!doctype html >
<html lang="en">
  <head>
    <meta charset="utf-8">
    <!--
Calling the style sheets specific for query and common style
-->
    <link rel="stylesheet" href="main_style.css">
    <link rel="stylesheet" href="common_style.css">
    <title>The 8-bit Store</title>
  </head>
  <!--
giving the body an id to anchor back to the top of the page
-->
  <body id="top">
    <!--
creating the navigation bar
-->
    <div class="navbar">
      <!--
aligning the logo and the website name to the left side of the navigation bar
-->
      
      
      <!--
creating an unordered list to function as a navigation bar
-->
      <ul>
        <li><a
href="https://w1810194.users.ecs.westminster.ac.uk/index.html">HOME</a></li>
        <!--
creating a dropdown section
-->
        <div class="dropdown">
          <li><a href="https://w1809912.users.ecs.westminster.ac.uk/">SHOP</a></li>
          <div class="dropdown-content">
            <a
href="https://w1809912.users.ecs.westminster.ac.uk#consoles">CONSOLES</a>
            <a href="https://w1809912.users.ecs.westminster.ac.uk#games">GAMES</a>
          </div>
        </div>
        <li><a href="//w1809751.users.ecs.westminster.ac.uk/">TRIVIA</a></li>
        <li><a
href="https://w1809911.users.ecs.westminster.ac.uk/">RETROSPECTIVE</a></li>
        <li><a href="https://w1809911.users.ecs.westminster.ac.uk/sitemap.html">SITE
MAP</a></li>

```

```

    <li><a
href="https://w1809751.users.ecs.westminster.ac.uk/Student_Details">ABOUT</a></li>
    <li><a
href="https://w1810194.users.ecs.westminster.ac.uk/queries.html">QUERIES</a></li>
</ul>
</div>
<!--
setting the top image
-->
<div id="main_image"></div>
<!--
setting the introduction division
-->
<div id="top_div">
    <p>Are you a fanatic for retro games?
    Wanting to take a look back at the golden era of gaming?</p>
    <p>Perhaps you might be one of those videogame connoisseurs searching
    for that final piece to complete your life long video game collection?</p>
    <p>Or are you just passing by wanting a fresh breath of nostalgia?</p>
    <p>Mind not, for we serve all, in the most gracious manner.
    With a vast collection of classic games, and consoles,
    the 8-bit Store never fails to deliver. </p>

    
</div>
<!--
setting content about the rest of the pages
-->
<div id="p_div">
    <p>
        The best of the best is up for grabs, ranging from classic arcade games like Pac-Man
and Space Invaders,
        to merchandise exclusive to 8-bit store customers.
        Not only that, we provide a plethora of consoles to play them on.
        Head on over to our online store to learn more ...

    </p>
    
</div>

<div id="p_div_1">
    <p>
        Do you feel daring today?
        Want to see how well acquainted you are with video gaming knowledge?
        Head on over to our trivia section, to answer challenging but fun questions ...
    </p>

    
</div>

<div id="p_div_2">
    <p>
        If you feel like taking a trip down the memory and learn more about the retro era,

```

take a look at our retrospective page gallery, where we talk in depth about a few iconic games and consoles of the golden era.

```

    </p>
    

</div>
<footer>
<!--
the left hand side of the footer section
-->
<div id="rhs">
    <br></br>
    <a href="Editor_desira.html" ><button id="size">Page Editor</button></a>
    <br></br><br></br>
    <br></br><br></br>
    <br></br>
    <a href="#top" id="top_button"><button id="size"> Back to the top</button></a>

</div>
<!--
the right hand side of the footer section
-->
<div id="lhs">
    <h2>For More Information:</h2>
    <p>Mobile: 123456789</p>
    <p>Email : 8bit@retro.com</p>
    <p>Address: 12/3,retro road,8 bit city</p>

    <h3>Our socials:</h3>
    
    
    
    

</div>

</footer>
</body>

</html>

```

Commonstyle.css

```
body{
  margin: 0;
  font-family: 'Roboto Mono',monospace;
  background-color: #3C1874;
  color: white;
  min-height: 100vh;
  display: flex;
  flex-direction: column;
}
```

```
footer{
  background: #283747;
  color: white;
  border: solid white thin;
  padding-left: 5%;
  padding-right: 5%;
}
```

```
#lhs{
  float: left;
  width: 40%;
  height: 270px;
  padding: 2%;
  border-right: solid white thin ;
}
```

```
#rhs{
  float: right;
  width: 30%;
  height: 300px;
  padding-left: 15%;
}
```

```
.icon{
  height:34px;
  width:34px;
  padding: 2px;
  margin: 20px;
}
```

```
.icon:hover{
  transform: scale(1.1);
  border-radius: 10%;
  border-width: thick;
  border-style: solid;
  border-color: white;
  background-color: white;
}
```

```
button{
  padding: 1%;
  border-radius: 10%;
  border-width: thick;
  border-style: solid;
  border-color: white;
  background-color: black;
  color: white;
}
button:hover{
  background-color: crimson;
  transform: scale(1.1);
}
#top_button{
  background-color: transparent;
  text-decoration: none;
}
#top_button:hover {
  background-color: transparent;
  text-decoration: none;
}
#footer_logo{
  left: 20px;
  padding: 15px;
  width: 6%;
  height: 6%;
}
.navbar{
  width: 100%;
  position: fixed;
  background-color: #283747;
  top: 0;
  left: 0;
  height: 5em;
  text-align: center;
  z-index: 3;
}
.navbar a{
  display: block;
  text-align: center;
  padding: 15px 15px;
  text-decoration: none;
  transition: 0.3s ease;
}
.dropdown{
  position: relative;
```

```
display: inline-block;
}
.dropdown-content{
display: none;
position: absolute;
background-color: #283747;
min-width: 140px;

}
.dropdown-content a {
text-decoration: none;
text-align: left;
}

.dropdown:hover .dropdown-content{display:block;}

ul li {
display: inline-block;
font-size: 130%;
}

a:link{color:white;}
a:visited{color:white;}
a:hover{color: white;background-color: #932432;}
```

mainstyle.css

```
#top_div{
  width: 55%;
  text-align: center;
  background-color: #283747;
  padding-left: 30px;
  padding-right: 30px;
  padding-top: 40px;
  padding-bottom: 40px;
  position: absolute;
  top: 90%;
  left: 20%;
  font-size: 100%;
  transition: transform .7s;
  z-index: 2;
}

#top_div:hover{
  transform: scale(1.1);
  background-color: #730099;
  border-style: solid;
  border-color: black;
  border-width: thick;
}

#p_div{
  width: 15%;
  text-align: center;
  background-color: #283747;
  padding-left: 30px;
  padding-right: 30px;
  padding-top: 45px;
  padding-bottom: 45px;
  position: absolute;
  top: 150%;
  left: 16%;
  font-size: 100%;
  transition: transform .7s;
  z-index: 2;
}

#p_div_1{
  width: 15%;
  text-align: center;
  background-color: #283747;
  padding-left: 30px;
  padding-right: 30px;
  padding-top: 45px;
  padding-bottom: 45px;
  position: absolute;
  top: 150%;
```



```
left: 41%;  
font-size: 100%;  
transition: transform .7s;  
z-index: 2;
```

```
}
```

```
#p_div_2{  
  width: 15%;  
  text-align: center;  
  background-color: #283747;  
  padding-left: 30px;  
  padding-right: 30px;  
  padding-top: 45px;  
  padding-bottom: 45px;  
  position: absolute;  
  top: 150%;  
  left: 66%;  
  font-size: 100%;  
  transition: transform .7s;  
  z-index: 2;  
}
```

```
#p_div:hover{  
  transform: scale(1.1);  
  background-color: #D35E5E ;  
  color: black;  
  border-style: solid;  
  border-color: black;  
  border-width: thick;  
}
```

```
#p_div_1:hover{  
  transform: scale(1.1);  
  background-color: #85D35E;  
  color: black;  
  border-style: solid;  
  border-color: black;  
  border-width: thick;  
}
```

```
#p_div_2:hover{  
  transform: scale(1.1);  
  background-color: #5EAED3;  
  color: black;  
  border-style: solid;  
  border-color: black;  
  border-width: thick;  
}
```

```
#main_image{  
  position: absolute;  
  background: url("Images/main_image.jpg");  
  background-position: top;  
  height: 100%;  
  width: 100%;
```

```
left: 0;  
right: 0;  
z-index: -1;
```

```
}
```

```
footer{  
  margin-top: 115%;  
}
```

Queries.html

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<!--
```

Calling the style sheets specific for query and common style

```
-->
```

```
<link rel="stylesheet" href="query_style.css">
```

```
<link rel="stylesheet" href="common_style.css">
```

```
<title>Queries</title>
```

```
</head>
```

```
<body>
```

```
<script>
```

```

        function hideform() {
            document.getElementById("form_div").style.display = "none";
            document.getElementById("summary_div").style.display = "block";
            document.getElementById("fname_var").innerHTML =
document.getElementById("fname").value
            document.getElementById("lname_var").innerHTML =
document.getElementById("lname").value
            document.getElementById("email_var").innerHTML =
document.getElementById("email").value
            document.getElementById("sub_var").innerHTML =
document.getElementById("subject").value
            document.getElementById("query_var").innerHTML =
document.getElementById("query").value
        }

```

```

function hidesummary() {
    document.getElementById("summary_div").style.display = "none";
    document.getElementById("form_div").style.display = "block";
}

```

```

function send_hide(){
    document.getElementById("summary_div").style.display = "none";
    alert("You will be redirected to the mailing process");
}

```

```

function validation(){
    var fname = document.forms["query"]["First Name"].value;
    if(fname==""){
        alert("First name is required");
        return false;
    }
    var lname = document.forms["query"]["Last Name"].value;

```

```

if(lname==""){
    alert("Last name is required");
    return false;
}
var email = document.forms["query"]["Email"].value;
if(email==""){
    alert("Email is required");
    return false;
}
if(!email.includes("@")){
    alert("Please enter valid email");
    return false;
}
var query = document.forms["query"]["Query"].value;
if(query==""){
    alert("Please fill out query");
    return false;
}

if(fname!=""&&lname!=""&&email!=""&&query!=""){
    hideform();
    return false;
}
}
}

```

```

</script>

```

```

<!--

```

```

creating the navigation bar

```

```

-->

```

```

<div class="navbar">

```

```

    <!--

```

```

    aligning the logo and the website name to the left side of the navigation bar

```

```

    -->

```

```

```

```

```

```

    <!--

```

```

    creating an unordered list to function as a navigation bar

```

```

    -->

```

```

    <ul>

```

```

        <li><a

```

```

href="https://w1810194.users.ecs.westminster.ac.uk/index.html">HOME</a></li>

```

```

        <!--

```

```

        creating a dropdown section

```

```

        -->

```

```

        <div class="dropdown">

```

```

            <li><a href="https://w1809912.users.ecs.westminster.ac.uk/">SHOP</a></li>

```

```

            <div class="dropdown-content">

```

```

                <a

```

```

href="https://w1809912.users.ecs.westminster.ac.uk#consoles">CONSOLES</a>

```

```

                <a href="https://w1809912.users.ecs.westminster.ac.uk#games">GAMES</a>

```

```

            </div>

```

```

        </div>

```

```

        <li><a href="//w1809751.users.ecs.westminster.ac.uk/">TRIVIA</a></li>
        <li><a
href="https://w1809911.users.ecs.westminster.ac.uk/">RETROSPECTIVE</a></li>
        <li><a href="https://w1809911.users.ecs.westminster.ac.uk/sitemap.html">SITE
MAP</a></li>
        <li><a
href="https://w1809751.users.ecs.westminster.ac.uk/Student_Details">ABOUT</a></li>
        <li><a
href="https://w1810194.users.ecs.westminster.ac.uk/queries.html">QUERIES</a></li>
    </ul>
</div>
<!--
setting the background image
-->
<div id="query_image"></div>
<!--
creating a form to take input for required fields for the query
-->
<div id="form_div">
    <!--
    create an action event to mail the details, but put the button outside the form
    -->
    <form action="mailto:desirasenal@gmail.com" method="post" enctype="text/plain"
name="query" id="query_form">

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

        <label for="lname" >Last Name:</label>
        <input type="text" id="lname" name="Last Name"><br><br>

        <label for="email" >Email Address: </label>
        <input type="text" id="email" name="Email"><br><br>

        <label for="subject">Requirement : </label>
        <select id="subject" name="Subject" >

            <option value="buy_console">Buy console</option>
            <option value="rent_console">Rent console</option>
            <option value="buy_game">Buy game</option>
            <option value="rent_game">Rent game</option>
            <option value="special">Special request</option>
        </select><br><br>

        <label for="query" >Query Detail</label>
        <textarea id="query" rows="7" cols="30" name="Query"></textarea><br><br>
        <!--
        once view query button is clicked, call the validation function
        -->
        <button onclick="return validation()">View Query</button>
    </form>
</div>
<!--
create a new division and set the initial stage to hidden
-->

```

```

<div name="summary" hidden id="summary_div">
  <!--
  display all the variable values within span sections
  -->
  <h2>Summary</h2>
  <h4>First Name: <span id="fname_var"> </span></h4>
  <h4>Last Name: <span id="lname_var"> </span></h4>
  <h4>Email: <span id="email_var"> </span></h4>
  <h4>Subject: <span id="sub_var"> </span></h4>
  <h4>Query: <span id="query_var"> </span></h4>
  <!--
  once the edit button is clicked hide the summary and display the initial form,
  with the details filled in
  -->
  <button onclick="hidesummary()" name="edit">Edit</button>
  <!--
  submit the form details to page creators via mail using this button which is outside the
  form,
  and hide the form as well
  -->
  <button type="submit" form="query_form" value="Submit"
  onclick="send_hide()">Send</button>
</div>
<!--
the footer section with page editor link, and back to top link
-->
<footer>
  <!--
  the left hand side of the footer section
  -->
  <div id="rhs">
    <br></br>
    <a href="Editor_desira.html"><button id="size">Page Editor</button></a>
    <br></br><br></br>
    <br></br><br></br>
    <br></br>
    <a href="#top" id="top_button"><button id="size"> Back to the top</button></a>

  </div>
  <!--
  the right hand side of the footer section
  -->
  <div id="lhs">
    <h2>For More Information:</h2>
    <p>Mobile: 123456789</p>
    <p>Email : 8bit@retro.com</p>
    <p>Address: 12/3,retro road,8 bit city</p>

    <h3>Our socials:</h3>
    
    
    
    

```

```
</div>

</footer>
</body>
</html>
```

querystyle.css

```
textarea{
  vertical-align: top;
}
label{
  width: 200px;
  display: inline-block;
}
```

```
#form_div{
  border-style: solid;
  border-color: white;
  border-width: thick;
  background-color: #283747;
  padding-left: 5%;
  padding-right: 5%;
  padding-top: 3%;
  padding-bottom: 3%;
  position: absolute;
  top: 25%;
  left: 35%;
  font-size: 120%;
  transition: transform .5s;
  z-index: 2;
}
```

```
#form_div:hover{
  transform: scale(1.1);
  background-color: #D0CF6A;
  color: black;
  border-style: solid;
  border-color: black;
  border-width: thick;
}
```

```
#summary_div{
  border-style: solid;
  border-color: white;
  border-width: thick;
  background-color: #283747;
  width: 20%;
  padding-left: 5%;
  padding-right: 5%;
  padding-top: 3%;
  padding-bottom: 3%;
  position: absolute;
}
```

```
top: 25%;  
left: 40%;  
font-size: 120%;  
transition: transform .5s;  
z-index: 2;  
}
```

```
#summary_div:hover{  
transform: scale(1.1);  
background-color: #E56375;  
color: black;  
border-style: solid;  
border-color: black;  
border-width: thick;  
}
```

```
#query_image{  
position: absolute;  
background: url("Images/consoles.jpg");  
background-position: top;  
height:100%;  
width:100%;  
left: 0;  
right: 0;  
z-index: -1;  
}
```

```
select{  
font-size: 75%;  
}
```

```
footer{  
margin-top: 45%;  
}
```


Editor_desira.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Page Editor</title>
  <link rel="stylesheet" href="PageEditorStyle.css">
</head>
<body>
  <h1>Page Editor</h1>
  
  <p>Name:Desira Wijesundara</p>
  <p>Role:Student 2</p>
  <p>Tasks Completed:</p>
  <p>Main page,Query form, navigation bar and common style sheet</p>

</body>
</html>
```

PageEditorStyle.css

```
body{
  font-family: 'Roboto Mono',monospace;
  background-color: #283747;
  color: white;
}
h1{
  text-align: center;
}
#img{
  display: block;
  margin-left: auto;
  margin-right: auto;
  width: 300px;
}
p{
  text-align: center;
}
```

Appendix B: Screenshots

Index.html

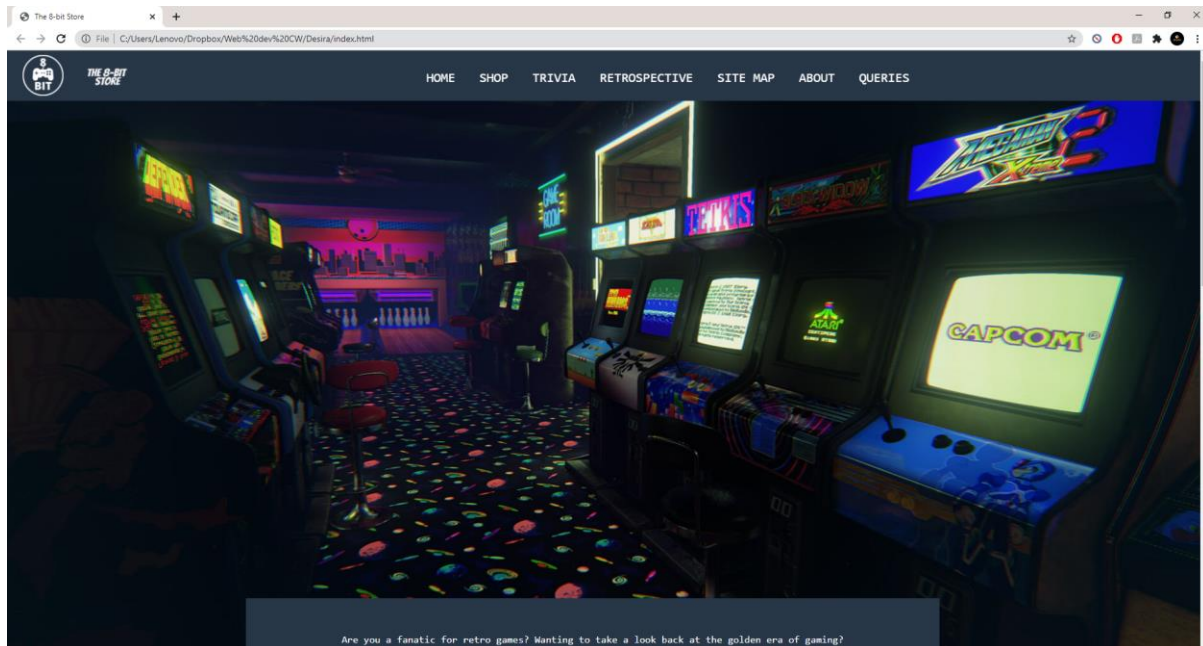


Figure 1/Top of the page

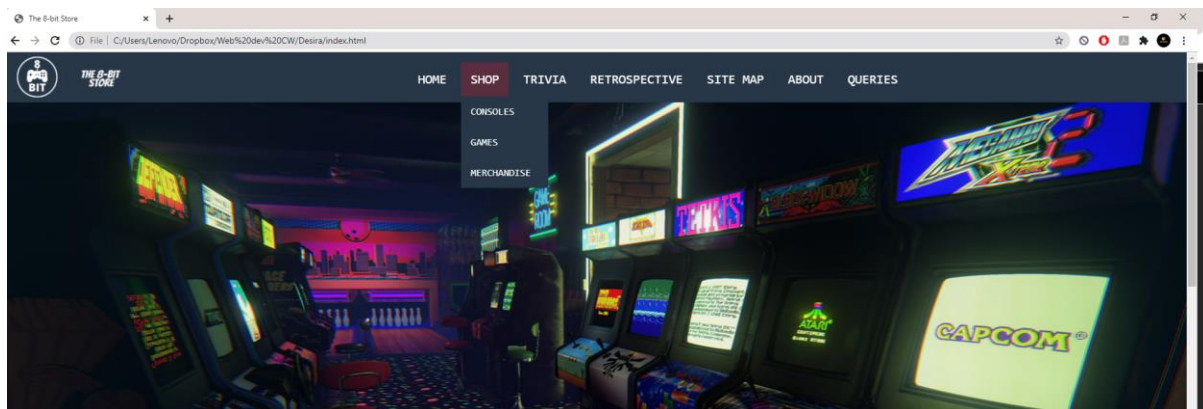


Figure 2/navigation bar on hover

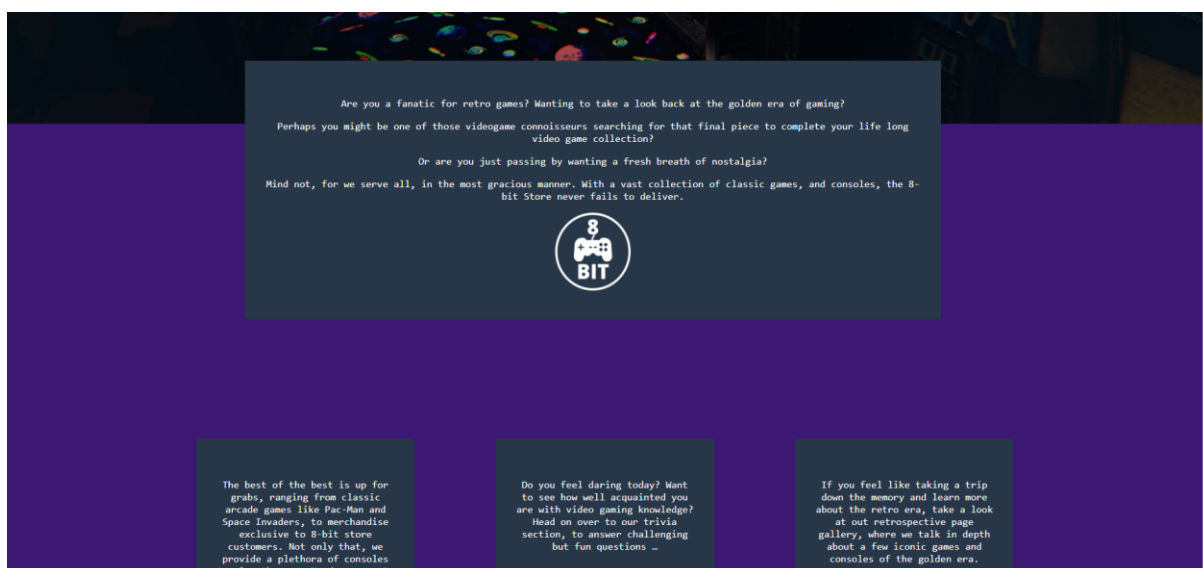


Figure 3/Introduction paragraph



Figure 4/Introduction paragraph on hover

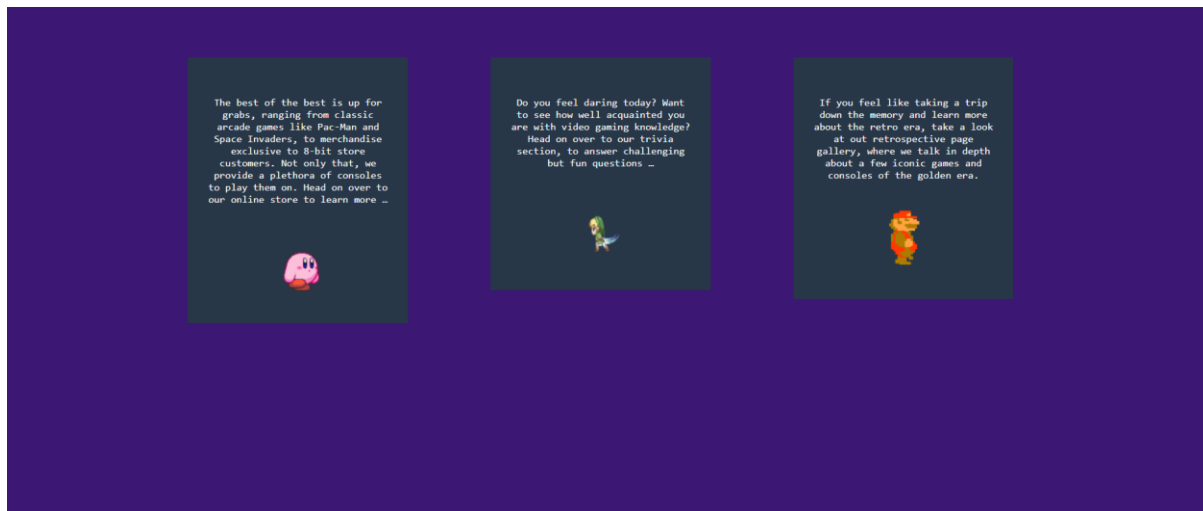


Figure 5/small descriptions about other sections

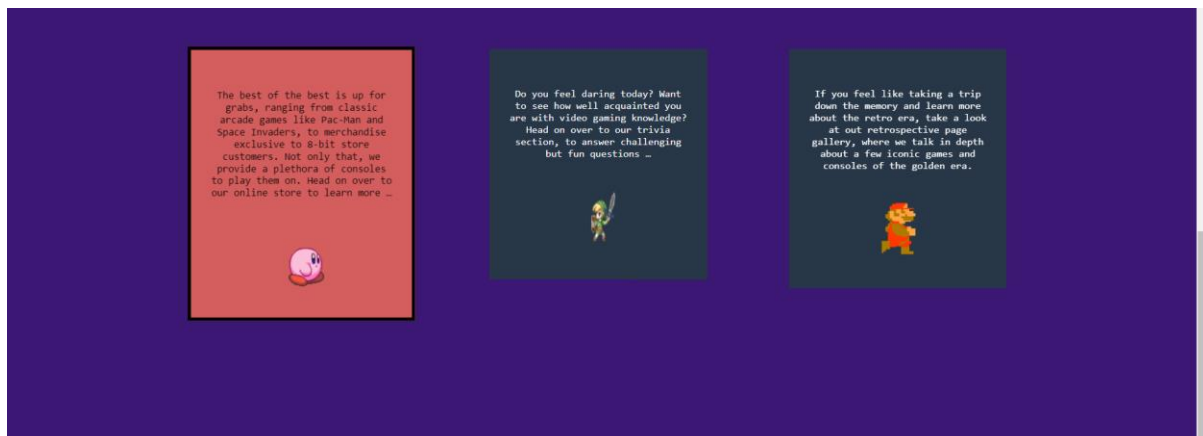


Figure 6/left hand section on hover

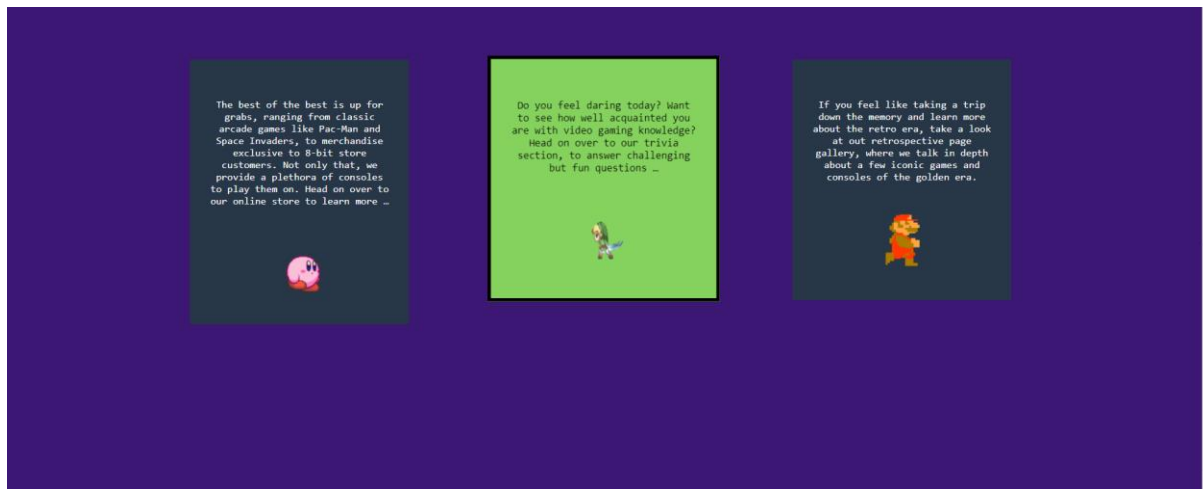


Figure 7/middle section on hover

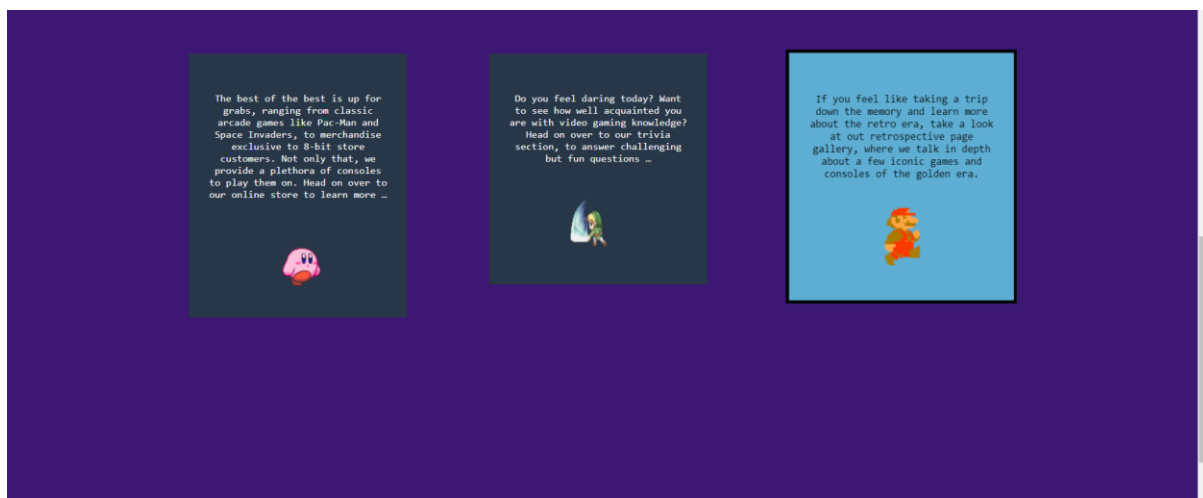


Figure 8/right hand section on hover

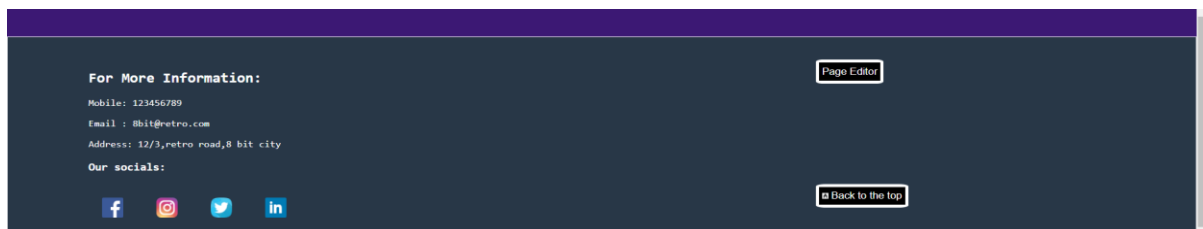


Figure 9/footer with back to top button and page editor button

Queries.html

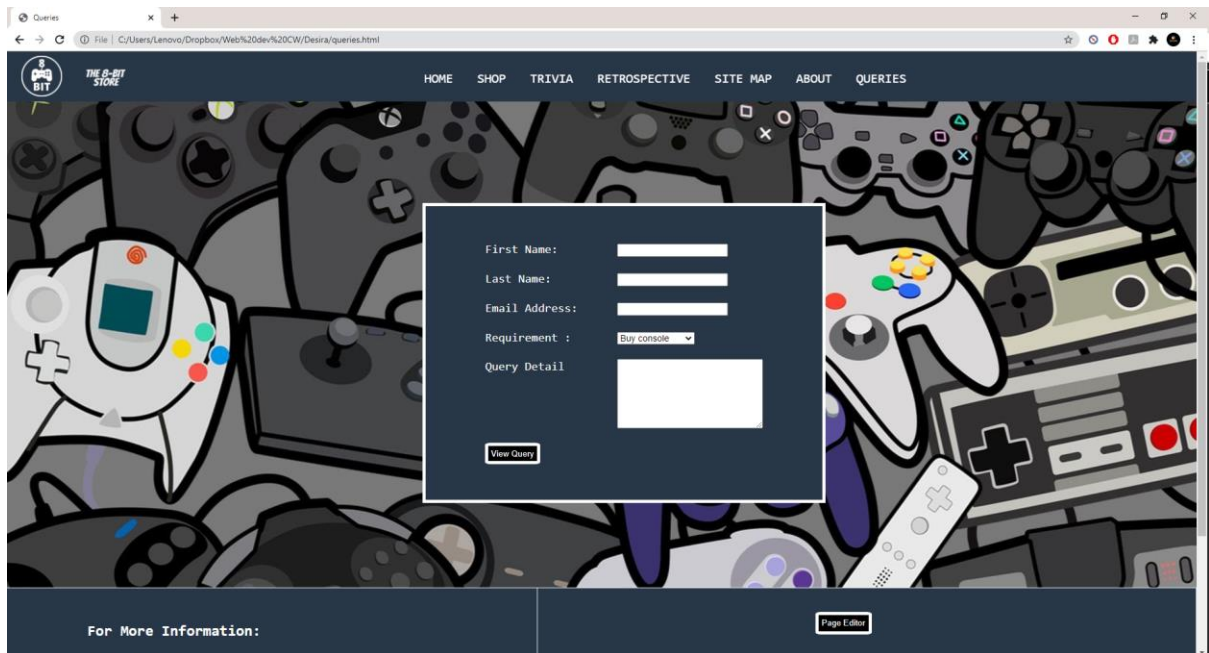


Figure 10/query page

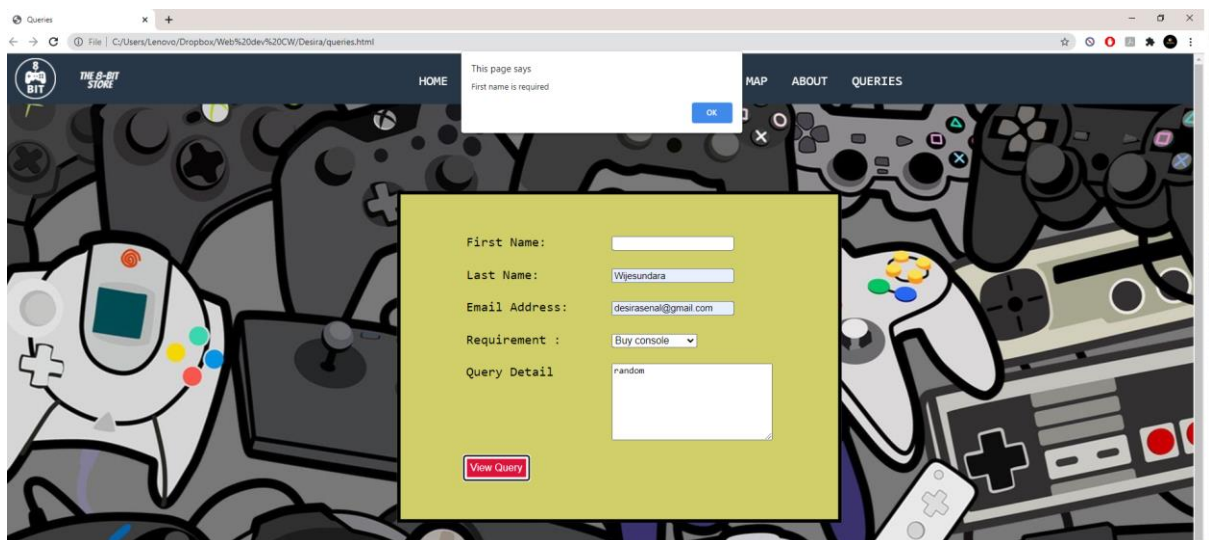


Figure 11/when first name is not entered

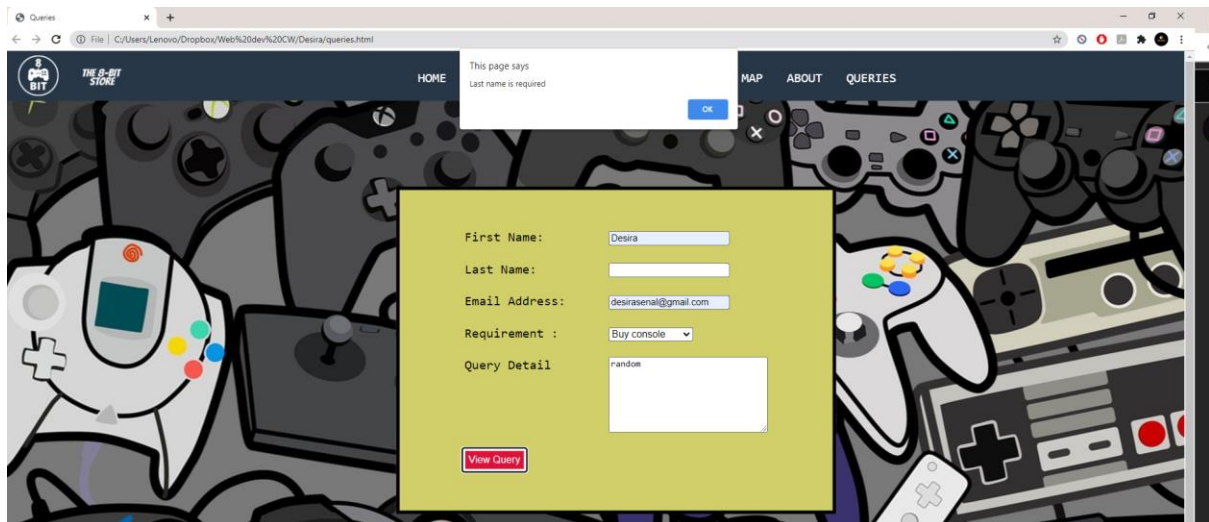


Figure 12/when last name is not entered

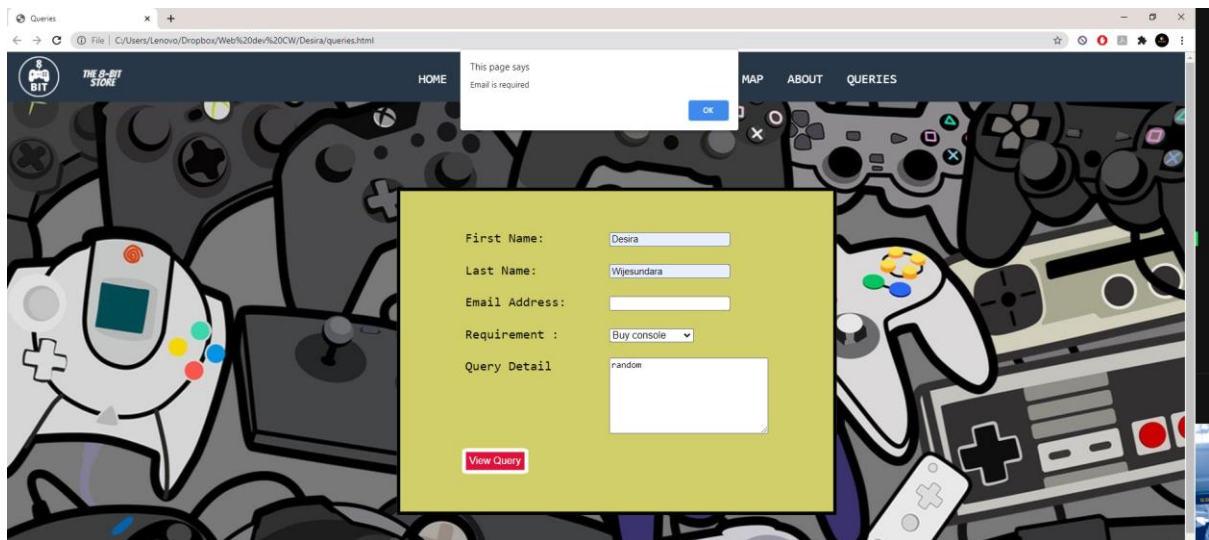


Figure 13/when email is not entered

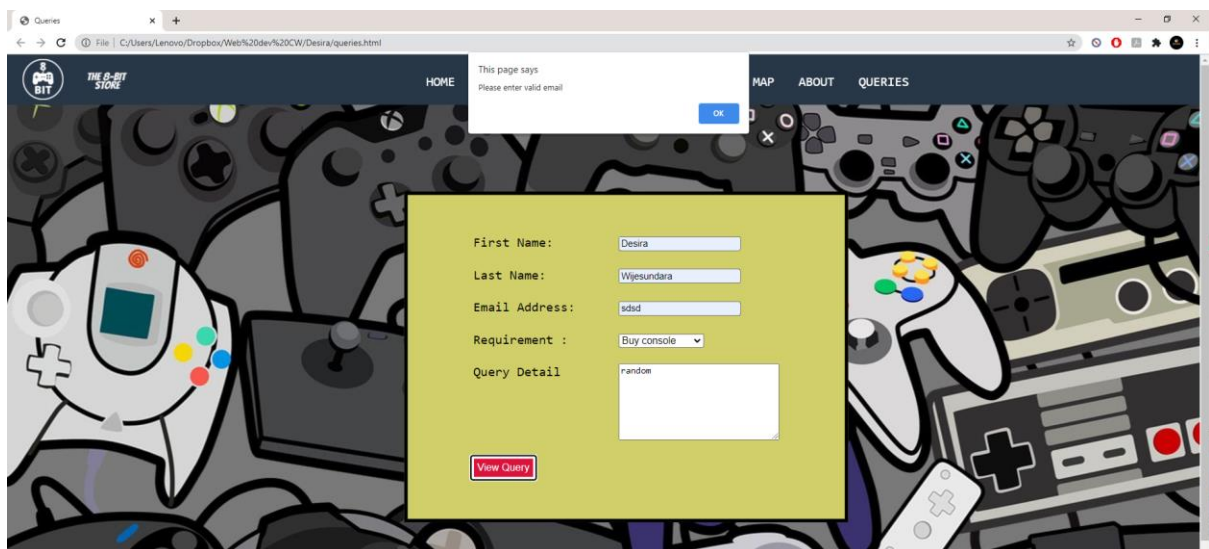


Figure 14/when email is not valid

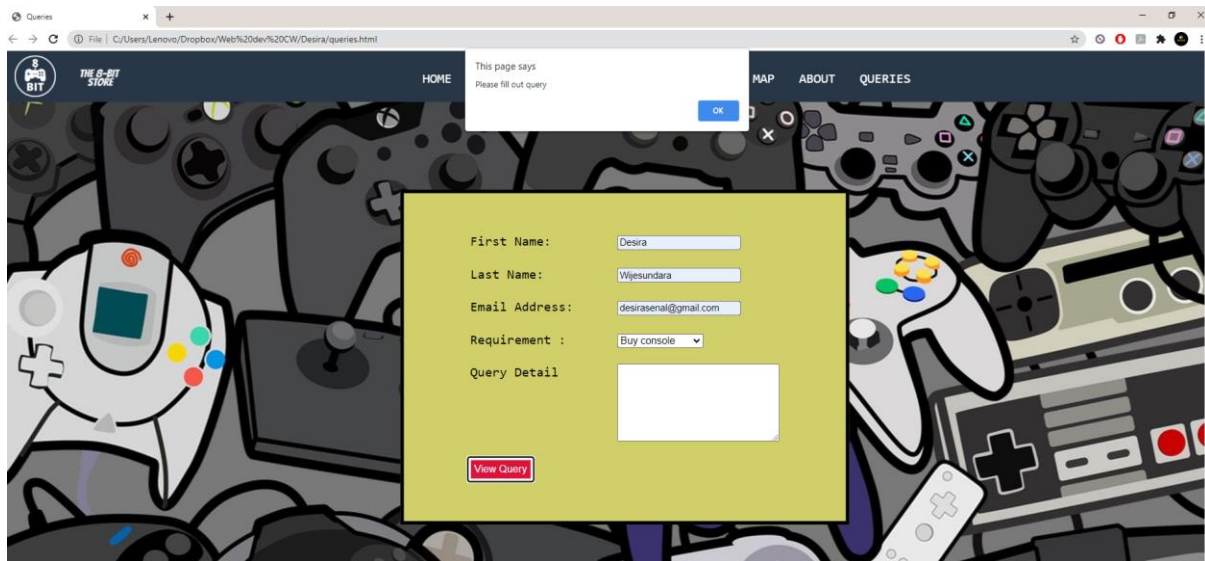


Figure 15/when query is not entered

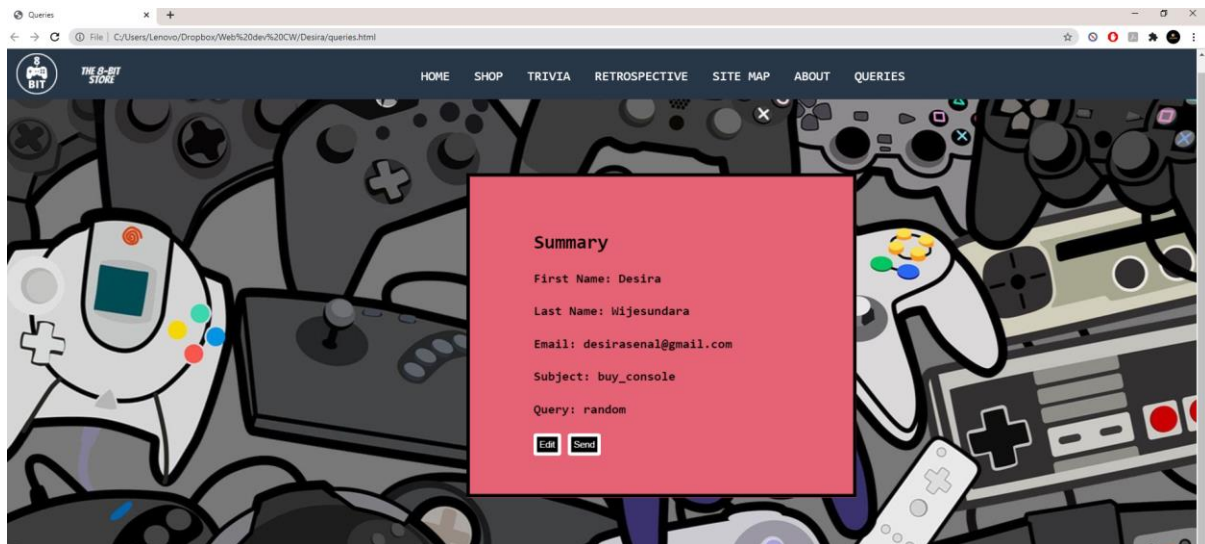


Figure 16/when all fields are entered and view query is pressed

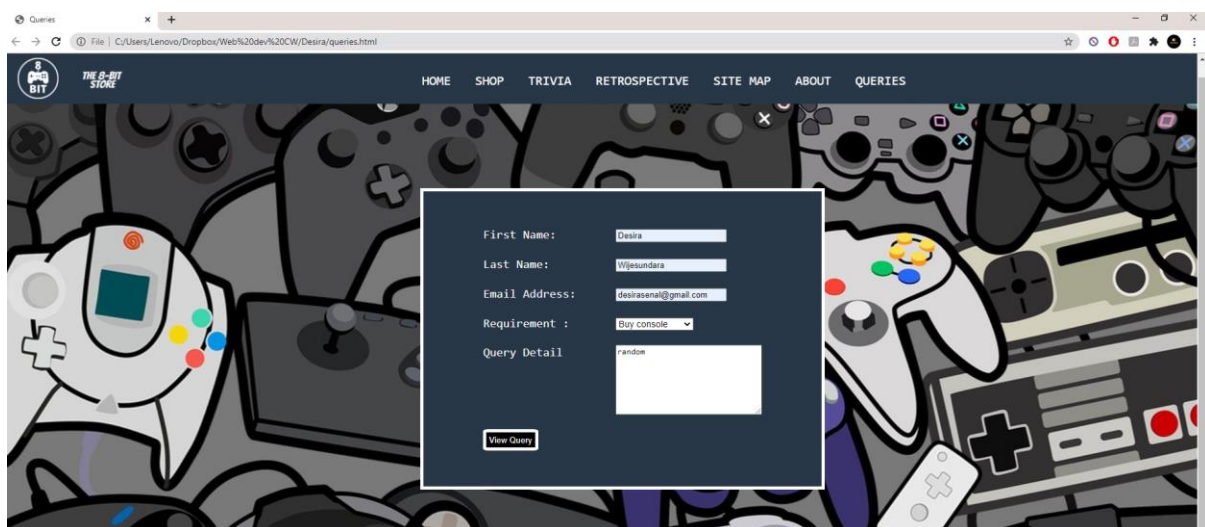


Figure 17/when edit is pressed

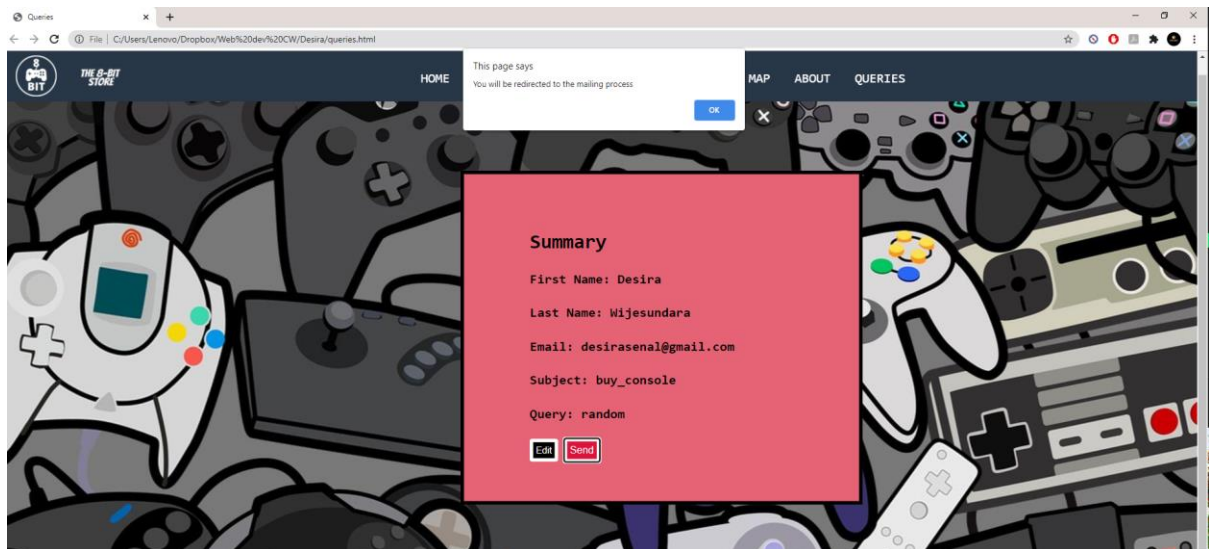


Figure 18/when send button is pressed/step 1

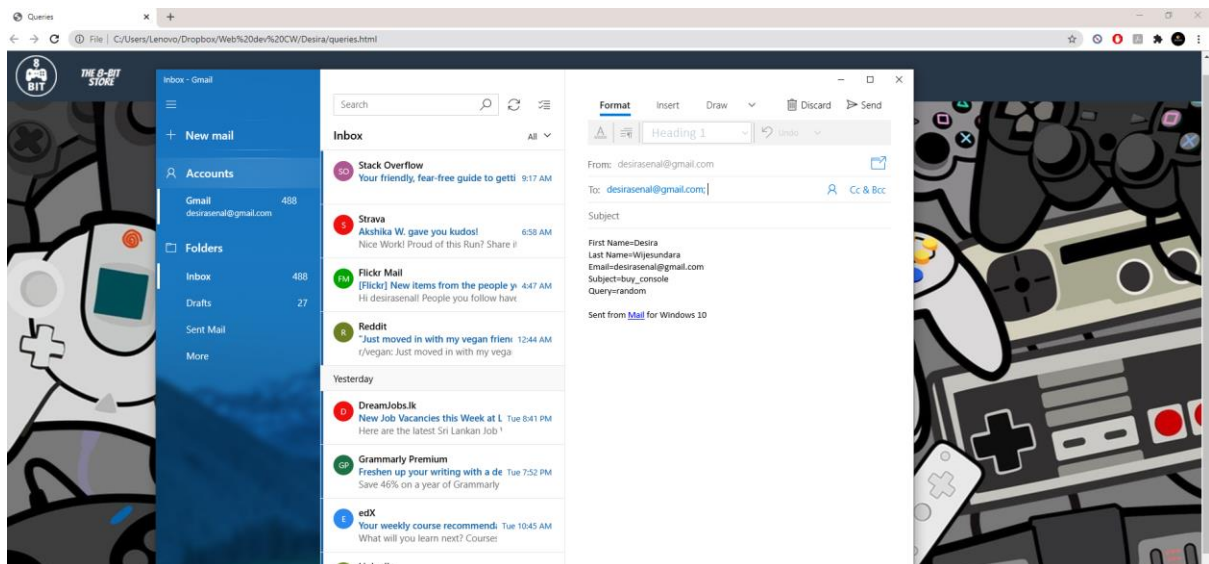


Figure 19/when send button is pressed/step 2

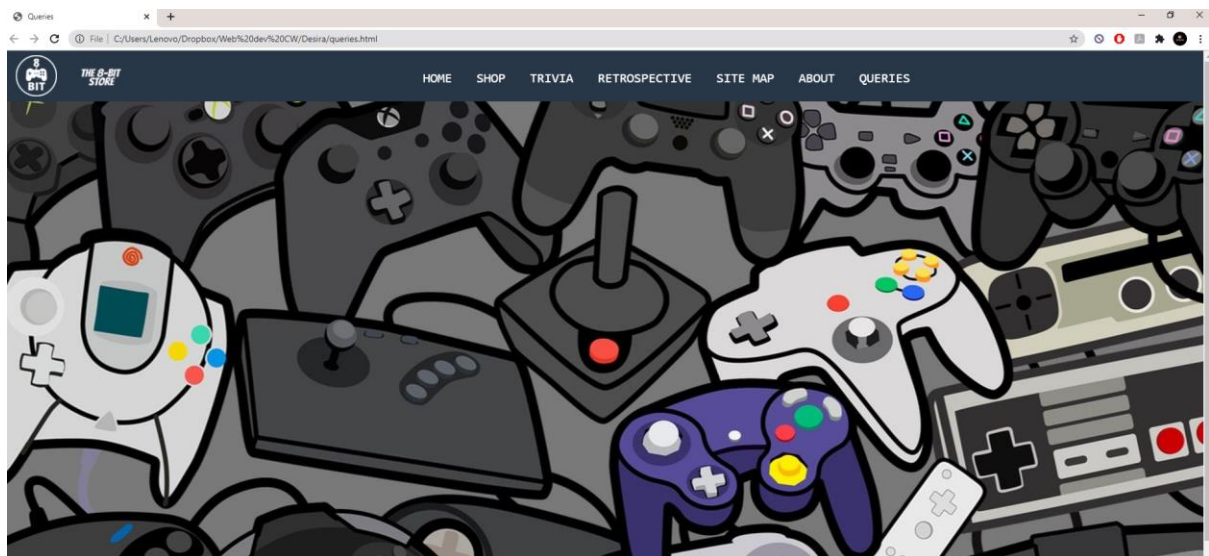


Figure 20/when email is sent

Appendix C: Individual Statement

Student Name:	Desira Wijesundara	Student Id:	W1810194
State what tasks you carried out in the project.			
<p>I carried out main tasks of making the Main page and the Query page. Also, I made the navigation bar, the logo and the common style sheet which was used throughout the website.</p>			
State what you enjoyed and did not enjoy about teamwork.			
<p>What I enjoyed: Brainstorming sessions, contributing to the bigger picture, learning new tweaks from one another.</p> <p>What I did not enjoy: Getting the work done within a time frame, slight disagreements, hard to reach team members, and team members which were not sticking to the general rules.</p>			
State what you learnt about teamwork.			
<p>Teamwork can sometimes be very strenuous since it's not just dealing with different parts of the project, but also dealing with different strengths and weaknesses of team members. Different team members are better at some specific tasks than others, and understanding that properly will take a group project a long way.</p>			
State what skills you gained/learnt from undertaking the project.			
<p>General skills: Leadership skills, dealing with disagreements, better ways of dealing with stress and being oblivious to certain aspects of my individual specification, time management, learning to learn, using resources effectively.</p> <p>Web development skills: Using div tags, element transformations, javascript functions, using form tag effectively, color matching and using proper CSS tags, better understanding of making essential web page elements like navigation bars, fonts and backgrounds.</p>			
State any strengths about yourself that emerged whilst undertaking the project.			
<p>The ability to come through regardless of procrastination and not being well acquainted with big projects.</p> <p>Understanding the hierarchical state of specifications and managing time accordingly.</p> <p>Managing hard to reach team members and keeping touch with different parts of the project simultaneously.</p>			
State any weaknesses about yourself that emerged whilst undertaking the project.			
<p>Not responding well, to any form of criticism.</p> <p>Inability to handle both lectures and coursework effectively.</p> <p>Being offended at slight disagreements and experimental suggestions.</p>			

State how you would do things better if you were to undertake the project again.			
Start work much earlier, and have more meetings.			
Giving other members a chance to be creative with suggestions.			
Pay special attention and give a set of rules to team members who are hard to stay in touch with.			
Additional general or project specific comments:			
Student Signature:	Desira	Date:	3.24.2021