



FEEL THE RHYTHM

Audio Bliss

Module: SIS 2045Y- Web Application Development

Lecturer: Dr. Yasser Chuttur

Module: SIS2045 - Web Application Development Course: BSc
(Hons) Software Engineering Level 2

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1.Introduction

1.1 Introduction

AudioBliss is a premier online audio store that offers a wide range of high-quality audio products to customers all around the world. At AudioBliss, customers can find an extensive selection of headphones, speakers, amplifiers and other audio accessories from the top brands in the industry. The website of Audiobliss is well-organized and user-friendly, making it easy for customers to browse and find the products they need. The website features detailed product descriptions, specifications, and customer reviews. Upon entering the website, the user can either login or signup, then he or she will be directed to the homepage where a number of items are displayed. Then the user can view all products page, click on a product, and to cart and checkout.

1.2 List of Technologies Used

The following were used in order to develop the website.

- Visual Studio Code
- CSS
- JavaScript
- HTML
- PHP
- phpMyAdmin
- Ajax
- Xampp

Visual Studio Code was used as the editor to write **CSS, JS, PHP and HTML** codes.

phpMyAdmin is used to gain access to localhost.

MySql is the database Language.

1.3 Overview

Below is a basic overview of our website:

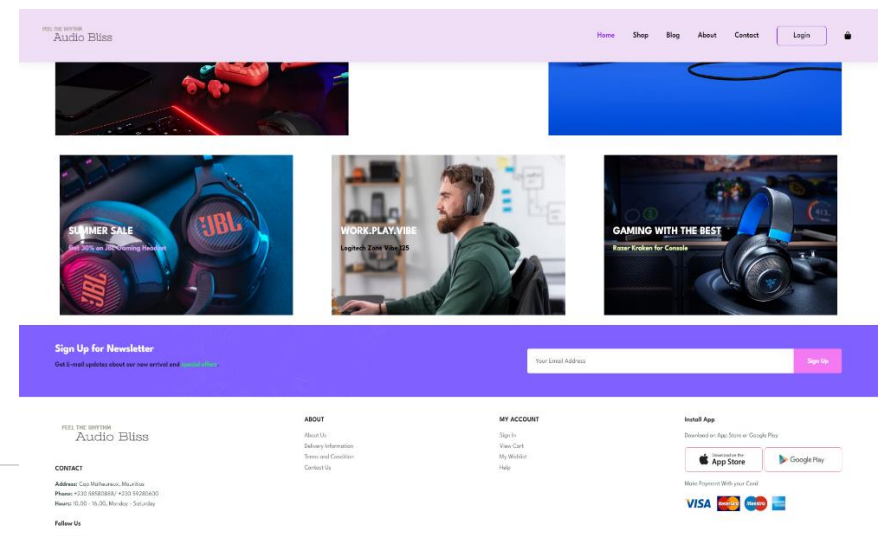
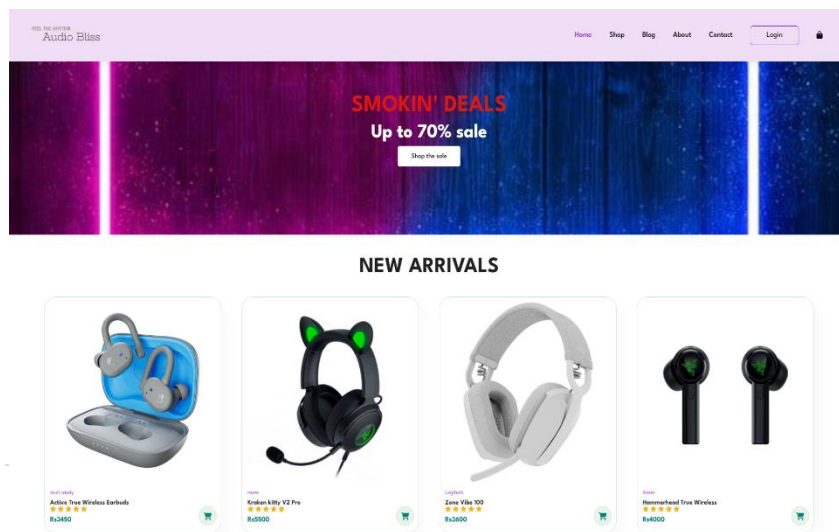
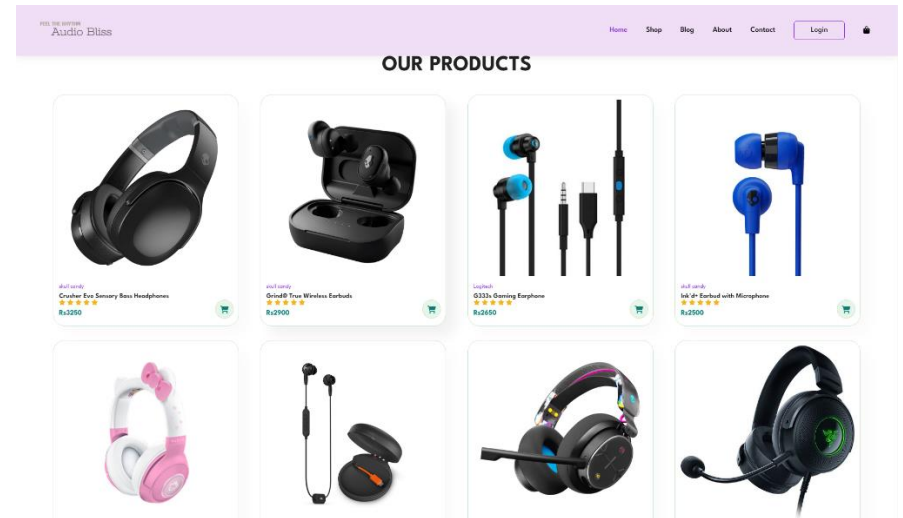
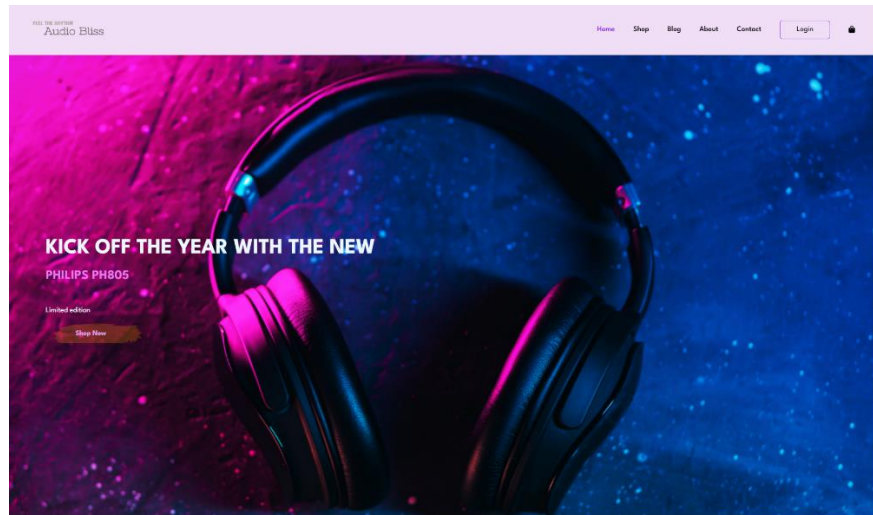
- Register and Login System
The user will create an account or sign in into the system. His credentials will then be stored in the table Login.
- Home Page
The home page consists of the trending products and a selection of various categorised products including new arrivals.
- Shop Page
A subpage which consists of 2 pages displaying all the products available for purchase.
- Blog Page
A page dedicated to publishing informative and engaging articles related to the store's products or industry.
- About Page
A page which provides information about the store's values and mission.
- Contact Page
This page provides customers with a way to get in touch with the store. It displays the store's location, email, phone number and its opening hours.
- Cart Page
Any items that the user has added to his cart is displayed on this page. It also displays the total price of all products added to the cart and then proceed to checkout.

1.4 Work Breakdown

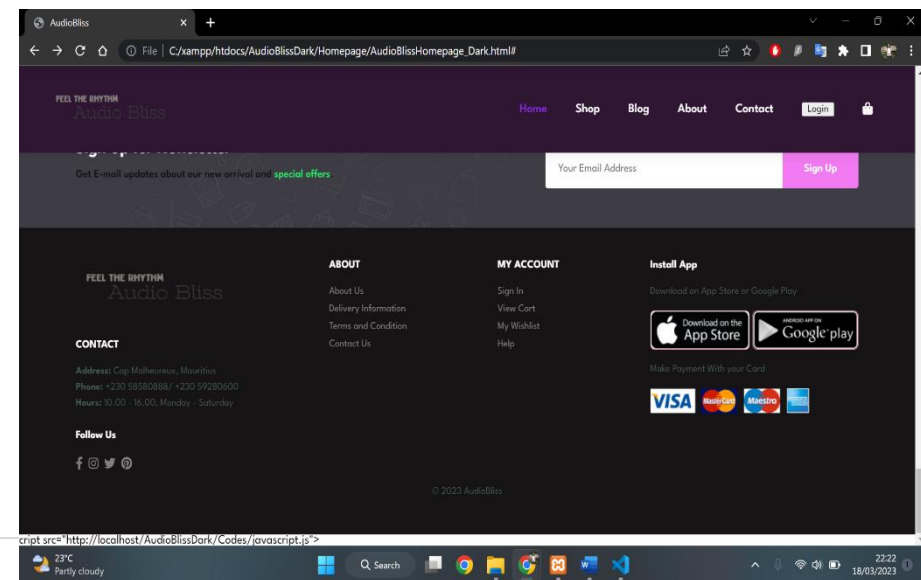
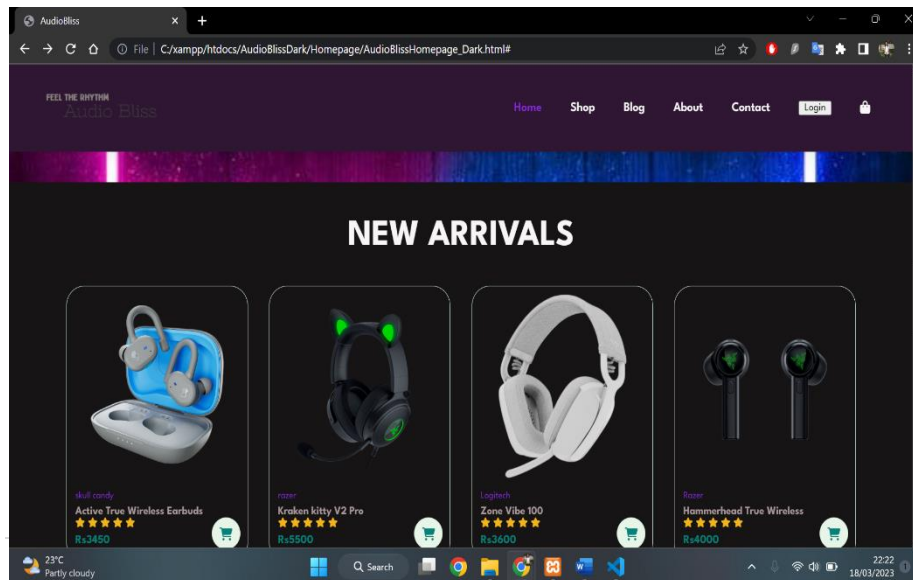
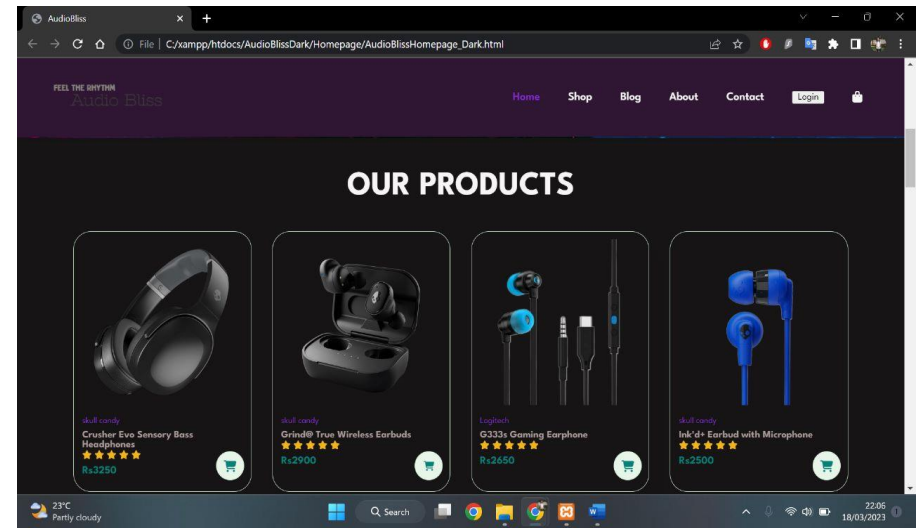
COMPONENT	Prashant	Soufyan	Huzaifa	Shamboo	Esaie
Overall	20%	20%	20%	20%	20%
Html	15%	20%	30%	15%	20%
CSS	20%	20%	40%	10%	10%
JavaScript	20%	20%	20%	20%	20%
Php	20%	45%	10%	10%	15%
MySQL	20%	40%	10%	10%	10%
Ajax	25%	30%	10%	20%	15%

2.0 HTML5 & CSS3.0

2.1.1 Home Page (Original)



2.1.2 Home Page(Dark Mode)



```

AudioBliss.html > html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>AudioBliss</title>
8   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.3.0/css/all.min.css"/>
9   <link rel="stylesheet" href="style.css">
10 </head>
11
12
13 <body>
14
15   <section id="header">
16     <a href="#"></a>
17
18     <div>
19       <ul id="navbar">
20         <li><a class="active" href="AudioBliss.html">Home</a></li>
21         <li><a href="shop.html">Shop</a></li>
22         <li><a href="blog.html">Blog</a></li>
23         <li><a href="about.html">About</a></li>
24         <li><a href="contact.html">Contact</a></li>
25         <!-- <li><button class="btnLogin-popup">Login</button> </li> -->
26         <li><button id="btnLogin" class="btnLogin-popup">Login</button></li>
27         <li id="bigbag"><a href="cart.php"><i class="fa fa-bag-shopping"></i></a></li>
28         <a href="#" id="close"><i class="fa fa-times"></i></a>
29       </ul>
30       <div id="mobile">
31         <a href="cart.php"><i class="fa fa-bag-shopping"></i></a>
32         <i id="bar" class="fas fa-outdent"></i>
33       </div>
34     </div>
35   </section>
36
37   <div id="loginPopup" class="wrapper">
38     <span class="icon-close">
39       <ion-icon name="close"></ion-icon>
40     </span>
41

```

```

# style.css > html
1 @import url('https://fonts.googleapis.com/css2?family=League+Spartan:wght@200;300;400;500;600;700;800&display=swap');
2
3 {
4   margin: 0;
5   padding: 0;
6   box-sizing: border-box;
7   font-family: 'League Spartan', sans-serif;
8 }
9
10 h1{
11   font-size: 50px;
12   line-height: 64px;
13   color: #f222;
14 }
15
16 h2{
17   font-size: 46px;
18   line-height: 54px;
19   color: #f222;
20 }
21
22 h4{
23   font-size: 20px;
24   color: #f222;
25 }
26
27 h6{
28   font-weight: 700;
29   font-size: 12px;
30 }
31
32 p{
33   font-size: 16px;
34   color: #465b52;
35   margin: 15px 0 20px 0;
36 }
37
38 .section-p1{
39   padding: 40px 80px;
40 }
41
42 .section-m1{
43   padding: 40px 0;
44 }
45
46 button.normal{
47   font-size: 14px;
48   font-weight: 600;
49   padding: 15px 30px;
50   color: #000000;
51   background-color: #ffffff;
52   border-radius: 4px;
53   cursor: pointer;
54   border: none;
55   outline: none;
56   transition: 0.2s;
57 }

```

```

56 }
57
58 button.small{
59   font-size: 13px;
60   font-weight: 600;
61   padding: 11px 18px;
62   color: #ffffff;
63   background-color: transparent;
64   cursor: pointer;
65   border: 1px solid #ffffff;
66   outline: none;
67   transition: 0.2s;
68 }
69
70
71 html,body{
72   width: 100%;
73   height: 100%;
74   margin: 0;
75   padding: 0;
76   overflow-x: hidden;
77 }
78
79 /* Header start */
80 #header{
81   display: flex;
82   align-items: center;
83   justify-content: space-between;
84   padding: 20px 40px;
85   background: #f0ddff;
86   box-shadow: 0 5px 15px #0000000a;
87   position: sticky;
88   top: 0;
89   left: 0;
90   z-index: 9999;
91 }
92
93
94 #navbar{
95   display: flex;
96   align-items: center;
97   justify-content: center;
98 }
99
100
101
102 #navbar li{
103   list-style: none;
104   padding: 0 20px;
105 }
106
107
108 #navbar li a{
109   text-decoration: none;
110   font-size: 16px;
111   font-weight: 600;
112   color: #000000;
113   transition: 0.3s ease;

```


2.2.1 Shop Page

FEEL THE RHYTHM

Audio Bliss

[Home](#)
[Shop](#)
[Blog](#)
[About](#)
[Contact](#)

#STAY IN THE VIBE

skull candy

Crusher Evo Sensory Bass Headphones

★★★★★

Rs2250

skull candy

GrindR True Wireless Earbuds

★★★★★

Rs2900

Logitech

G333s Gaming Earphone

★★★★★

Rs2650

skull candy

bak'dr Earbud with Microphone

★★★★★

Rs2500

FEEL THE RHYTHM

Audio Bliss

[Home](#)
[Shop](#)
[Blog](#)
[About](#)
[Contact](#)

JBL

Endurance PEAK

★★★★★

Rs1100

JBL

Quantum 100

★★★★★

Rs2200

Logitech

Zone True Wireless Earbuds

★★★★★

Rs1500

skull candy

Street Fighter PLYR Gaming Headset

★★★★★

Rs5700

1

2

→

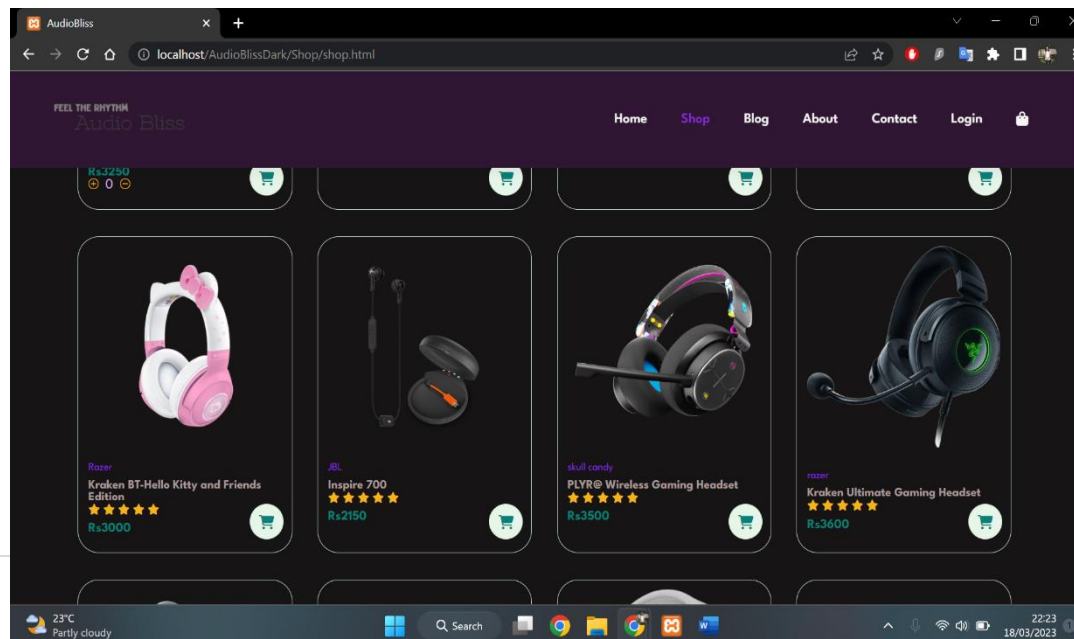
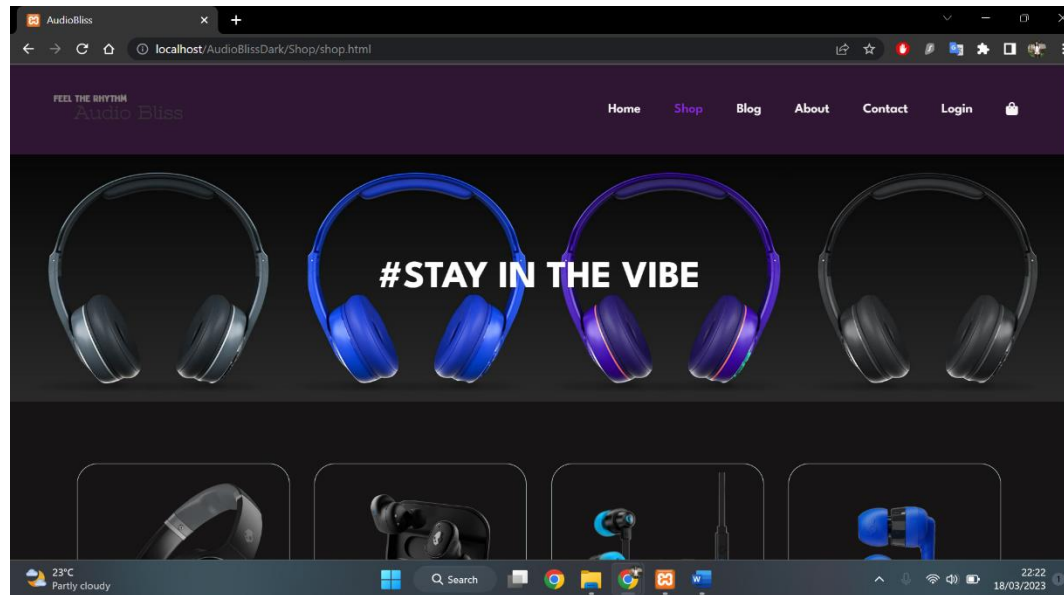
Sign Up for Newsletter

Get E-mail updates about our new arrival and [special offers.](#)

Your Email Address

Sign Up

2.2.2 Shop Page (Dark Mode)



```

<body>

<section id="header">
  <a href="#"></a>

  <div>
    <ul id="navban">
      <li><a href="AudioBliss.html">Home</a></li>
      <li><a class="active" href="Shop.html">Shop</a></li>
      <li><a href="Blog.html">Blog</a></li>
      <li><a href="About.html">About</a></li>
      <li><a href="Contact.html">Contact</a></li>
      <li id="bigbag"><a href="Cart.html"><i class="fa fa-bag-shopping"></i></a></li>
      <a href="#" id="close"><i class="fa fa-times"></i></a>
    </ul>
    <div id="mobile">
      <a href="Cart.html"><i class="fa fa-bag-shopping"></i></a>
      <i id="bar" class="fas fa-outdent"></i>
    </div>
  </div>
</section>

<section id="page-header">
  <h2>#STAY IN THE VIBE</h2>
</section>

```

```

<section id="product1" class="section-p1">
<div class="pro-container">
  <div class="pro" onclick="window.location.href='1sproduct.html';">
    
    <div class="des">
      <span>skull candy</span>
      <h5>Crusher Evo Sensory Bass Headphones</h5>
      <div class="star">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
      </div>
      <h4>Rs3250</h4>
    </div>
    <a href="#"><i class="fas fa-shopping-cart"></i></a>
  </div>
  <div class="pro" onclick="window.location.href='2sproduct.html';">
    
    <div class="des">
      <span>skull candy</span>
      <h5>Grind0 True Wireless Earbuds</h5>
      <div class="star">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
      </div>
    </div>
  </div>

```

```

shop.html > --
67      <i class="fas fa-star"></i>
68    </div>
69    <h4>Rs2900</h4>
70  </div>
71  <a href="#"><i class="fas fa-shopping-cart"></i></a>
72</div> <div class="pro" onclick="window.location.href='3sproduct.html';">
73  
74  <div class="des">
75    <span>Logitech</span>
76    <h5>G333s Gaming Earphone</h5>
77    <div class="star">
78      <i class="fas fa-star"></i>
79      <i class="fas fa-star"></i>
80      <i class="fas fa-star"></i>
81      <i class="fas fa-star"></i>
82      <i class="fas fa-star"></i>
83    </div>
84    <h4>Rs2050</h4>
85  </div>
86  <a href="#"><i class="fas fa-shopping-cart"></i></a>
87</div> <div class="pro" onclick="window.location.href='4sproduct.html';">
88  
89  <div class="des">
90    <span>skull candy</span>
91    <h5>Ink'd+ Earbud with Microphone</h5>
92    <div class="star">
93      <i class="fas fa-star"></i>
94      <i class="fas fa-star"></i>
95      <i class="fas fa-star"></i>
96      <i class="fas fa-star"></i>
97      <i class="fas fa-star"></i>
98    </div>
99    <h4>Rs2500</h4>
100  </div>
101  <a href="#"><i class="fas fa-shopping-cart"></i></a>
102</div> <div class="pro" onclick="window.location.href='5sproduct.html';">
103  
104  <div class="des">
105    <span>Razer</span>
106    <h5>Kraken BT-Hello Kitty and Friends Edition</h5>
107    <div class="star">
108      <i class="fas fa-star"></i>
109      <i class="fas fa-star"></i>
110      <i class="fas fa-star"></i>
111      <i class="fas fa-star"></i>
112      <i class="fas fa-star"></i>
113    </div>
114    <h4>Rs3000</h4>
115  </div>
116  <a href="#"><i class="fas fa-shopping-cart"></i></a>
117</div> <div class="pro" onclick="window.location.href='6sproduct.html';">
118  
119  <div class="des">
120    <span>JBL</span>
121    <h5>Inspire 700</h5>
122    <div class="star">
123      <i class="fas fa-star"></i>

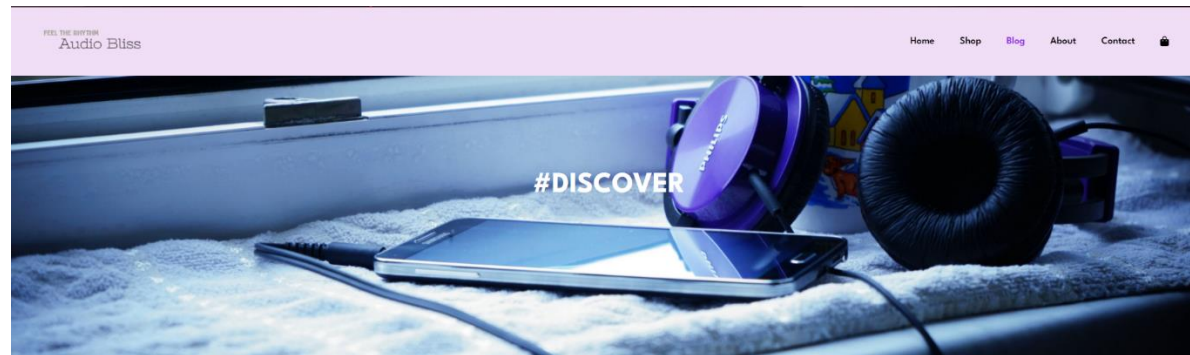
```

```

283      <a href="#"><i class="fas fa-shopping-cart"></i></a>
284    </div>
285  </div>
286</section>
287
288<section id="pagination" class="section-p1">
289  <a href="#">1</a>
290  <a href="#" onclick="window.location.href='shop2.html';">2</a>
291  <a href="#" onclick="window.location.href='shop2.html';" ><i class="fa fa-long-arrow-alt-right"></i></a>
292</section>
293
294<section id="newsletter" class="section-p1">
295  <div class="newstext">
296    <h4>Sign Up for Newsletter</h4>
297    <p>Get E-mail updates about our new arrival and <span>special offers</span>.</p>
298  </div>
299  <div class="form">
300    <input type="text" placeholder="Your Email Address">
301    <button class="normal">Sign Up</button>
302  </div>
303
304

```

2.3.1 Blog Page



10/03



How to Choose the Right Gaming Headphones

Usually, there are only three reasons why peeps go for gaming headphones. One, they are tired of facing accusations from their family, roommates or friends that they create too much ruckus while gaming. "C'mon, that's not ruckus!" you make your case, but no one pays any attention to that. Sigh.

[CONTINUE READING](#)

01/03



5 Reasons To Switch To A Pair Of Wireless Earphones

Fact: wired headphones limit your mobility.

[CONTINUE READING](#)

23/01



What is Active Noise Cancellation and Why is it Important?

There's no greater vibe killer than outside noise leaking into your blissful, headphone listening experience - that too at the just the wrong moments. It's funny how certain kinds of sounds become intolerable when you have your pair of earphones or headphones on.

[CONTINUE READING](#)

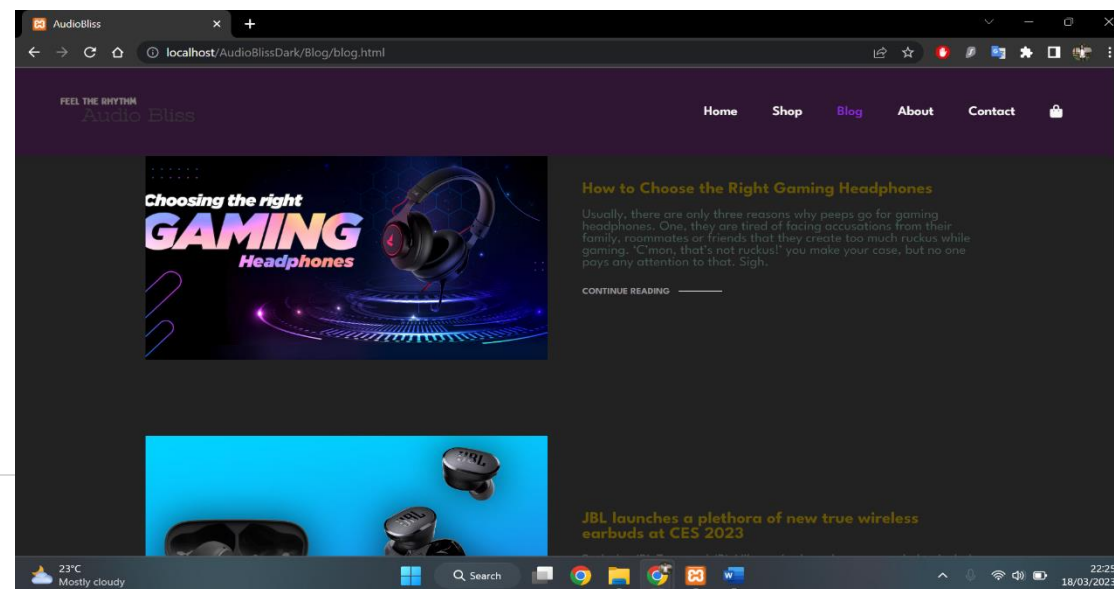
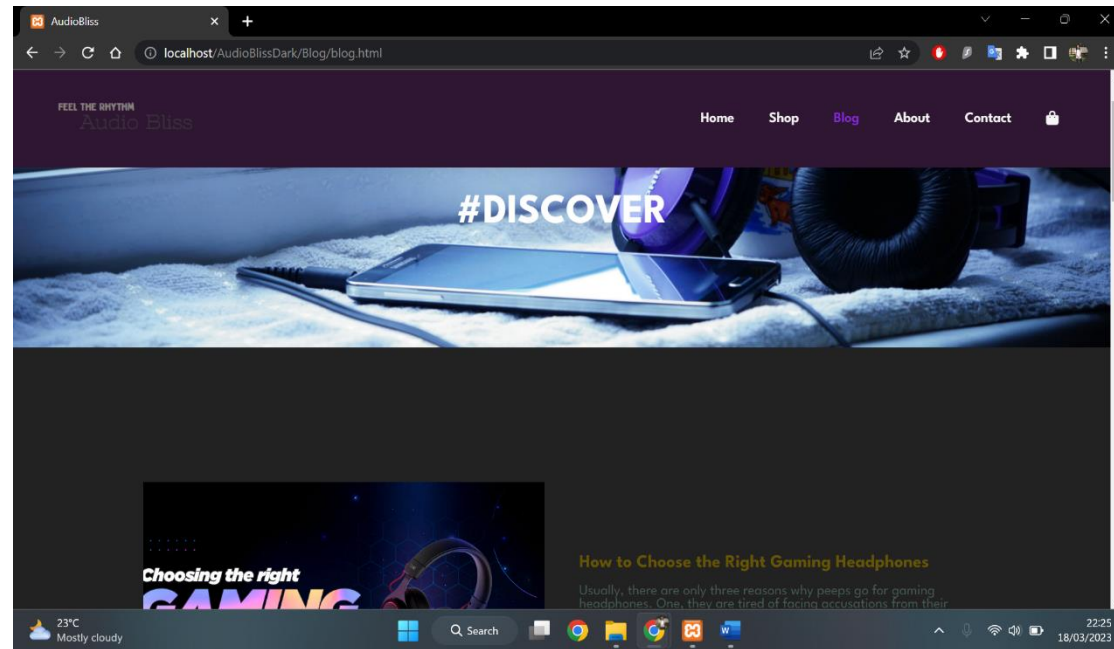
Sign Up for Newsletter

Get E-mail updates about our new arrival and [special offers](#).

Your Email Address

[Sign Up](#)

2.3.2 Blog Page (Dark Mode)

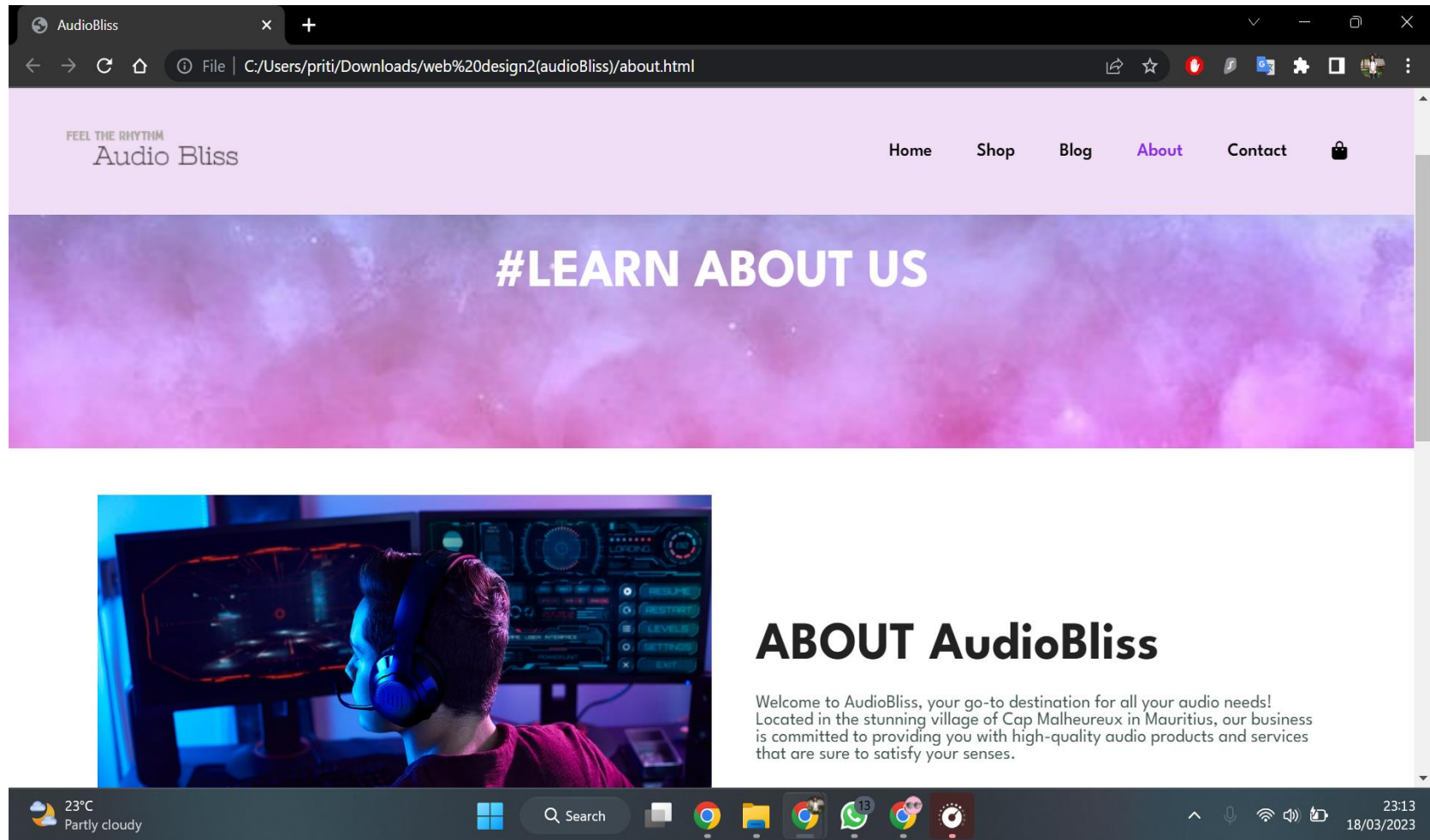


Blog Page codes

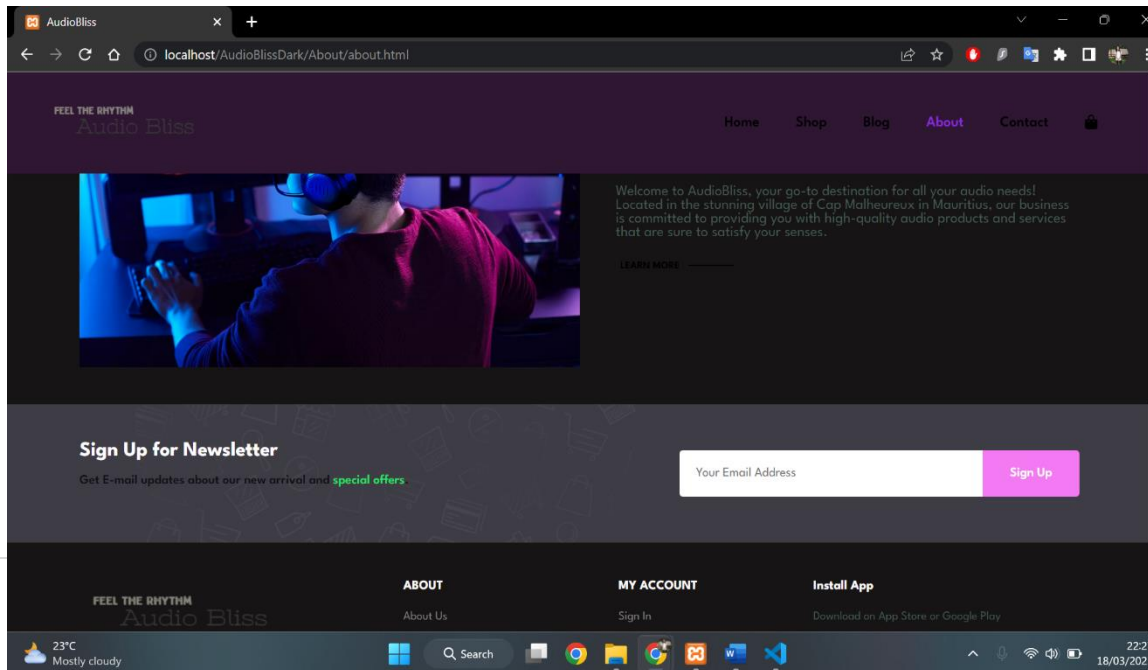
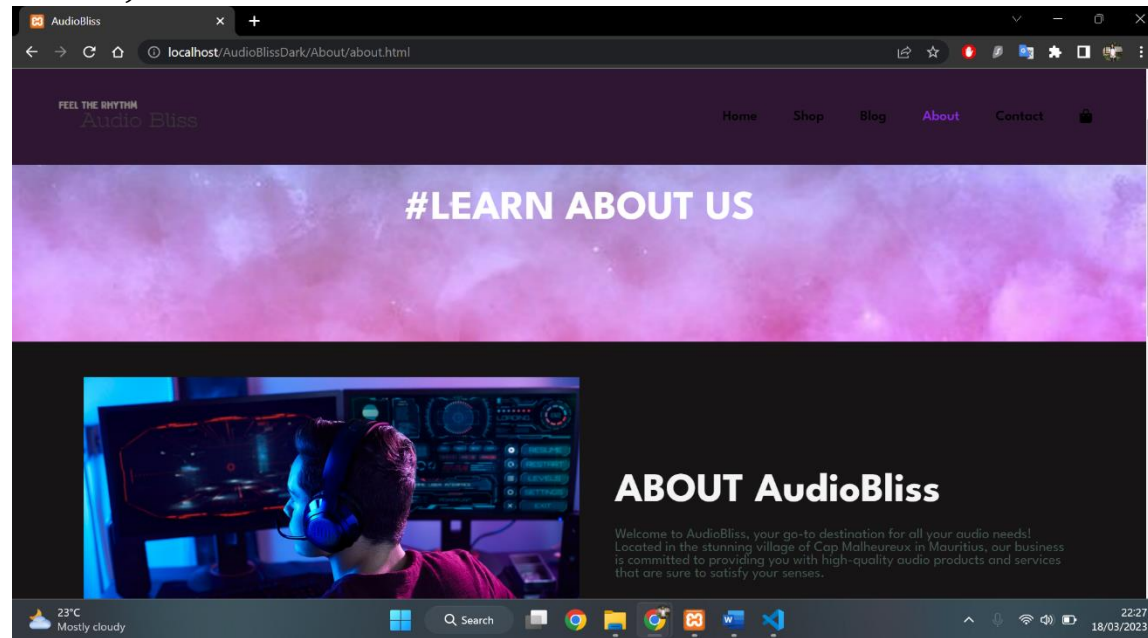
```
12
13 <body>
14
15 <section id="header">
16   <a href="#"></a>
17
18   <div>
19     <ul id="navban">
20       <li><a href="AudioBliss.html">Home</a></li>
21       <li><a href="Shop.html">Shop</a></li>
22       <li><a class="active" href="Blog.html">Blog</a></li>
23       <li><a href="About.html">About</a></li>
24       <li><a href="Contact.html">Contact</a></li>
25       <li id="bigbag"><a href="Cart.html"><i class="fa fa-bag-shopping"></i></a></li>
26       <a href="#" id="close"><i class="fa fa-times"></i></a>
27     </ul>
28     <div id="mobile">
29       <a href="Cart.html"><i class="fa fa-bag-shopping"></i></a>
30       <i id="ban" class="fas fa-outdent"></i>
31     </div>
32   </div>
33 </section>
34
35 <section id="page-header" class="blog-header">
36   <h2>#DISCOVER</h2>
37 </section>
38
39 <section id="blog">
40   <div class="blog-box">
41     <div class="blog-image">
42       
43     </div>
44     <div class="blog-details">
45       <h4>How to Choose the Right Gaming Headphones</h4>
46       <p>Usually, there are only three reasons why peeps go
47         for gaming headphones. One, they are tired of facing
48         accusations from their family, roommates or friends
49         that they create too much ruckus while gaming. <sup>[C]</sup>mon,
50         that's not ruckus!<sup>[I]</sup> you make your case, but no one pays
51         any attention to that. Sigh.</p>
52       <a href="#">CONTINUE READING</a>
53     </div>
54     <h1>18/03</h1>
55   </div>
56   <div class="blog-box">
57     <div class="blog-image">
58       
59     </div>
60     <div class="blog-details">
61       <h4>JBL Launches a plethora of new true wireless earbuds at CES 2023</h4>
62       <p>Both the JBL Tune and JBL Vibe series have been expanded to include a trio of true wireless options.</p>
63       <a href="#">CONTINUE READING</a>
64     </div>
65     <h1>01/03</h1>
66   </div>
67   <div class="blog-box">
68     <div class="blog-image">
```

```
67 <div class="blog-box">
68   <div class="blog-image">
69     
70   </div>
71   <div class="blog-details">
72     <h4>Beats Fit Pro gets fresh new colours for 2023</h4>
73     <p>Beats has updated its popular Fit Pro range with a splash of colour, led by the awesome Coral and Volt.</p>
74     <a href="#">CONTINUE READING</a>
75   </div>
76   <h1>21/02</h1>
77 </div>
78 <div class="blog-box">
79   <div class="blog-image">
80     
81   </div>
82   <div class="blog-details">
83     <h4>5 Reasons To Switch To A Pair Of Wireless Earphones</h4>
84     <p>Fact: wired headphones limit your mobility. </p>
85     <a href="#">CONTINUE READING</a>
86   </div>
87   <h1>12/02</h1>
88 </div>
89 <div class="blog-box">
90   <div class="blog-image">
91     
92   </div>
93   <div class="blog-details">
94     <h4>What is Active Noise Cancellation and Why is it Important?</h4>
95     <p>There's no greater vibe killer than outside noise leaking into your blissful,
96       headphone listening experience that too at the just the wrong moments.
97       It's funny how certain kinds of sounds become intolerable when you have
98       your pair of earphones or headphones on. </p>
99     <a href="#">CONTINUE READING</a>
100   </div>
101   <h1>23/01</h1>
102 </div>
103
104
```


2.4.1 About Page



2.4.2 About Page (Dark Mode)



About Page codes

```
11 <about.html> <html> <body> <section#about-head.section-p1> <div> <p>
12
13 <body>
14
15 <section id="header">
16 <a href="#"></a>
17
18 <div>
19 <ul id="navbar">
20 <li><a href="AudioBliss.html">Home</li>
21 <li><a href="Shop.html">Shop</li>
22 <li><a href="Blog.html">Blog</li>
23 <li><a class="active" href="About.html">About</li>
24 <li><a href="Contact.html">Contact</li>
25 <li id="bigbag"><a href="Cart.html"><i class="fa fa-bag-shopping"></i></a></li>
26 <a href="#" id="close"><i class="fa fa-times"></i></a>
27 </ul>
28 <div id="mobile">
29 <a href="Cart.html"><i class="fa fa-bag-shopping"></i></a>
30 <i id="ban" class="fas fa-outdent"></i>
31 </div>
32 </div>
33 </section>
34
35 <section id="page-header" class="about-header">
36 <h2>#LEARN ABOUT US</h2>
37 </section>
38
39 <section id="about-head" class="section-p1">
40 
41 <div>
42 <h2>ABOUT AudioBliss</h2>
43 <p>Welcome to AudioBliss, your go-to destination for all your audio needs! Located in the stunning village of Cap Malheureux in Mauritius,
44 our business is committed to providing you with high-quality audio products and services that are sure to satisfy your senses.</p>
45 <a href="#">LEARN MORE</a>
46 </div>
47 </section>
48
49 <section id="newsletter" class="section-p1">
50 <div class="newstext">
51 <h4>Sign Up for Newsletter</h4>
52 <p>Get E-mail updates about our new arrival and <span>special offers</span>.</p>
53 </div>
54 <div class="form">
55 <input type="text" placeholder="Your Email Address">
56 <button class="normal">Sign Up</button>
57 </div>
58
59 </section>
60
61 <footer class="section-p1">
62 <div class="column">
63 
64 <h4>CONTACT</h4>
65 <p><strong>Address:</strong> Cap Malheureux, Mauritius</p>
66 <p><strong>Phone:</strong> +230 58508088/ +230 59280600</p>
67 <p><strong>Hours:</strong> 10.00 - 16.00, Monday - Saturday</p>
68
```

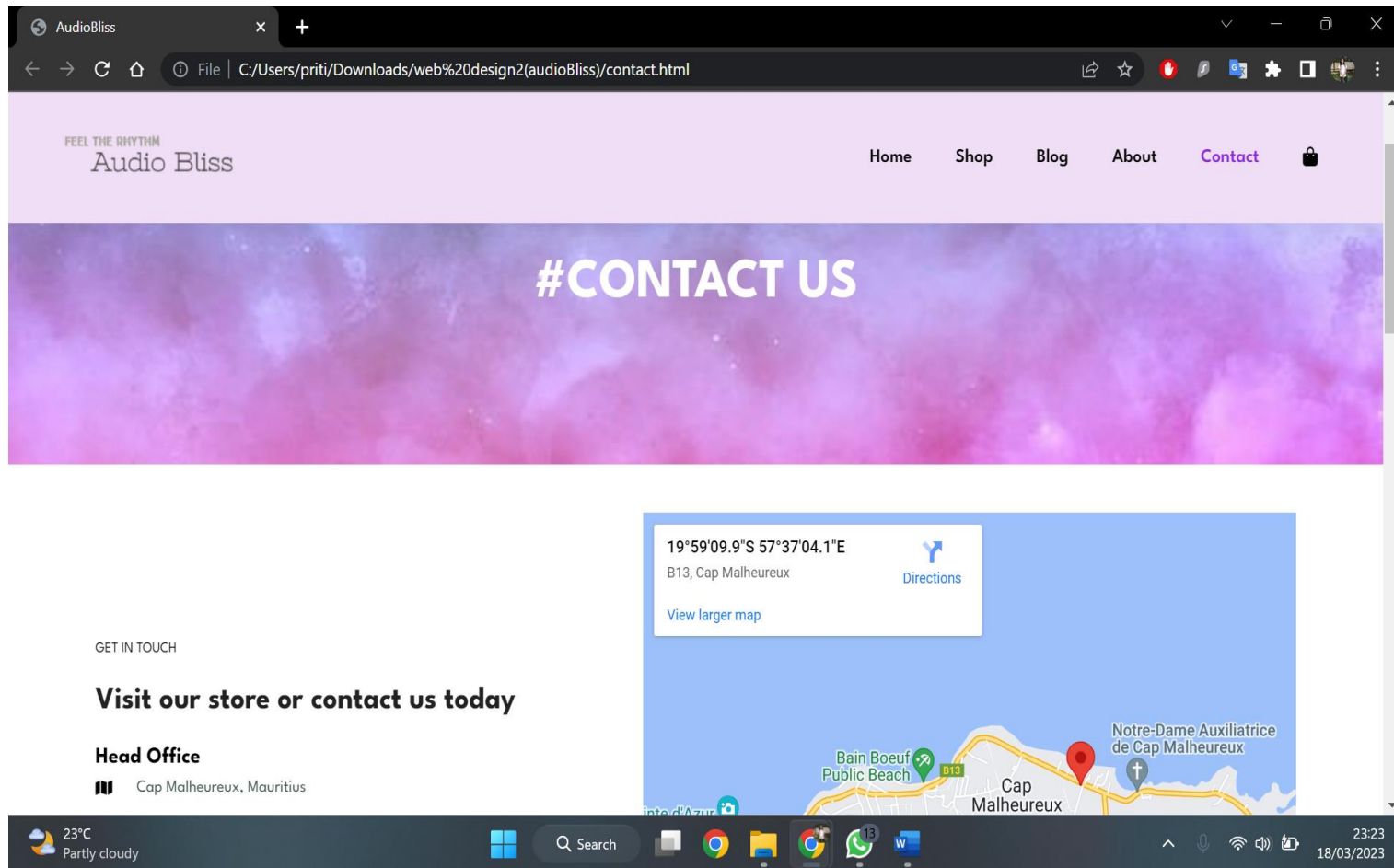
```
59 </section>
60
61 <div class="column">
62 
63 <h4>CONTACT</h4>
64 <p><strong>Address:</strong> Cap Malheureux, Mauritius</p>
65 <p><strong>Phone:</strong> +230 58508088/ +230 59280600</p>
66 <p><strong>Hours:</strong> 10.00 - 16.00, Monday - Saturday</p>
67
68 <div class="follow">
69 <h4>Follow Us</h4>
70 <div class="icon">
71 <i class="fab fa-facebook-f"></i>
72 <i class="fab fa-instagram"></i>
73 <i class="fab fa-twitter"></i>
74 <i class="fab fa-pinterest"></i>
75 </div>
76 </div>
77 </div>
78 </div>
79
80 <div class="column">
81 <h4>ABOUT</h4>
82 <a href="#">About Us</a>
83 <a href="#">Delivery Information</a>
84 <a href="#">Terms and Condition</a>
85 <a href="#">Contact Us</a>
86 </div>
87
88 <div class="column">
89 <h4>MY ACCOUNT</h4>
90 <a href="#">Sign In</a>
91 <a href="#">View Cart</a>
92 <a href="#">My Wishlist</a>
93 <a href="#">Help</a>
94 </div>
95
96 <div class="column install">
97 <h4>Install App</h4>
98 <p>Download on App Store or Google Play</p>
99 <div class="row">
100 
101 
102 </div>
103 <p>Make Payment With your Card </p>
104 
105 </div>
106
107 <div class="copyright">
108 <p>© 2023 AudioBliss</p>
109 </div>
110 </footer>
111
112 <script src="javascript.js"></script>
113
114 </body>
115
```

```

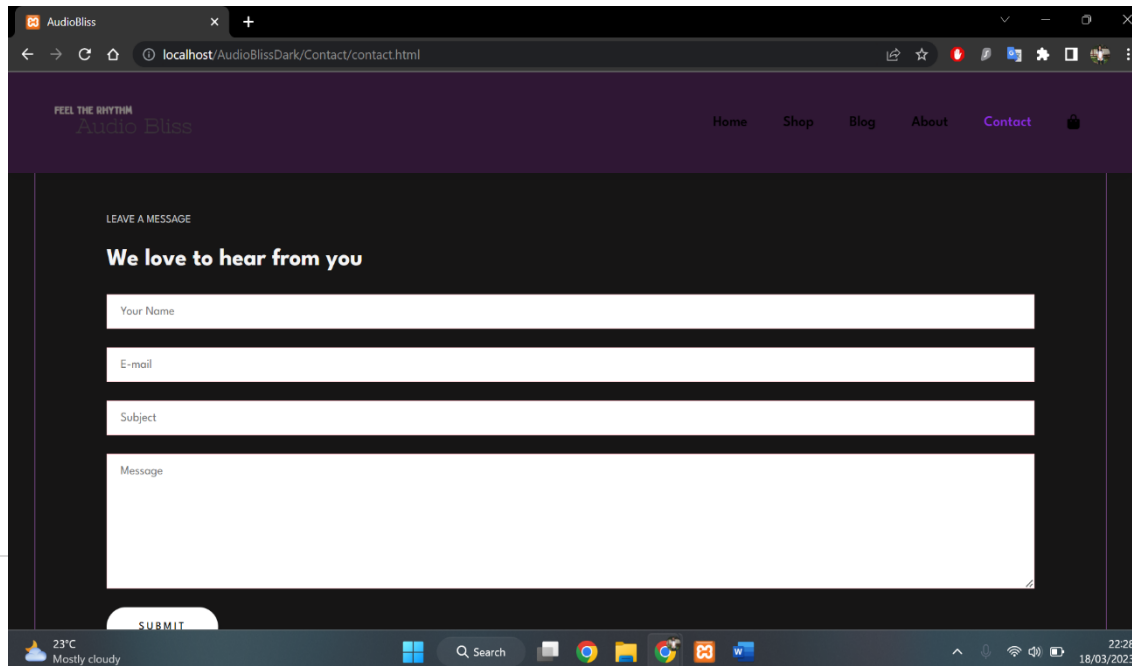
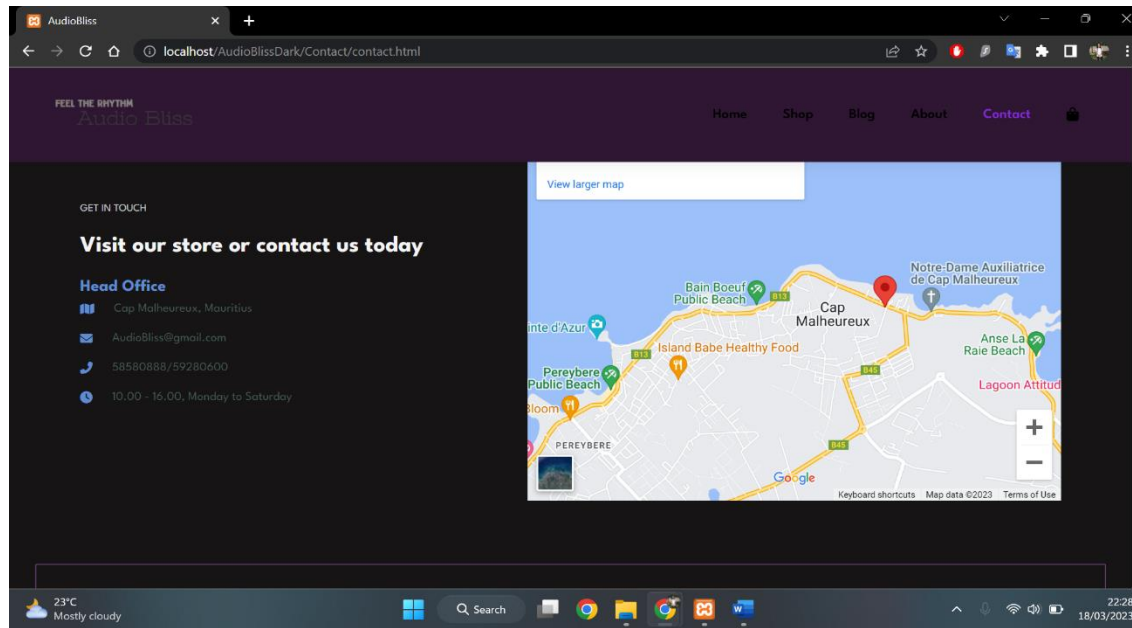
868
869  /* about page */
870
871  #page-header.about-header{
872      background-image: url("Images/about/a3.jpeg");
873  }
874
875  #about-head{
876      display: flex;
877      align-items: center;
878  }
879
880  #about-head img{
881      width: 50%;
882      height: auto;
883  }
884
885  #about-head div{
886      padding-left: 40px;
887  }
888
889  #about-head a{
890      text-decoration: none;
891      font-size: 11px;
892      color: black;
893      font-weight: 700;
894      position: relative;
895      transition: 0.3s;
896      padding-left: 5px;
897  }
898
899  #about-head a::after{
900      content: "";
901      width: 50px ;
902      height: 1px;
903      background-color: black;
904      position: absolute;
905      top: 4px;
906      right: -60px;
907  }
908
909  #about-head a:hover{
910      color: #dea4ee;
911  }
912
913  #about-head a:hover:after{
914      background-color: #dea4ee;
915  }
916

```

2.5.1 Contact Page



2.5.2 Contact Page (Dark Mode)



Contact Page Codes

```

62 </div>
63 <div class="map">
64 <iframe src="https://www.google.com/maps/embed?pb=!1m17!1m12!1m3!1d14998.13740982086!2d57.6097568340325!3d-19.98607578620793!2m3!1m2!1m1!1s" />
65 </div>
66 </section>
67
68 <section id="form-details">
69 <form action="contact.php" method="post">
70 <span>LEAVE A MESSAGE</span>
71 <h2>We love to hear from you</h2>
72 <input type="text" name="name" placeholder="Your Name">
73 <input type="text" name="email" placeholder="E-mail">
74 <input type="text" name="subject" placeholder="Subject">
75 <textarea name="message" id="" cols="30" rows="10" placeholder="Message"></textarea>
76 <!-- <button>Submit</button> -->
77 <button type="submit" name="feedback">submit</button>
78 </form>
79
80
81 </section>
82
83 <section id="newsletter" class="section-p1">
84 <div class="newstext">
85 <h4>Sign Up for Newsletter</h4>
86 <p>Get E-mail updates about our new arrival and <span>special offers</span>.</p>
87 </div>
88 <div class="form">
89 <input type="text" placeholder="Your Email Address">
90 <button class="normal">Sign Up</button>
91 </div>
92
93 </section>
94
95 <footer class="section-p1">
96 <div class="column">
97 
98 <h4>CONTACT</h4>
99 <p><strong>Address:</strong> Cap Malheureux, Mauritius</p>
100 <p><strong>Phone:</strong> +230 58500888/ +230 59280600</p>
101 <p><strong>Hours:</strong> 10.00 - 16.00, Monday - Saturday</p>
102
103 <div class="follow">
104 <h4>Follow Us</h4>
105 <div class="icon">
106 <i class="fab fa-facebook-f"></i>
107 <i class="fab fa-instagram"></i>
108 <i class="fab fa-twitter"></i>
109 <i class="fab fa-pinterest"></i>
110 </div>
111 </div>
112 </div>
113
114 <div class="column">
115 <h4>ABOUT</h4>
116 <a href="#">About Us</a>
117 <a href="#">Delivery Information</a>
118 <a href="#">Terms and Condition</a>

```

```

916
917 /* contact page */
918
919 ~ #contact{
920     display: flex;
921     align-items: center;
922     justify-content: space-between;
923 }
924
925 ~ #contact.details{
926     width: 40%;
927 }
928
929 #contact .details span,
930 ~ #form-details form span{
931     font-size: 12px;
932 }
933
934 #contact .details h2,
935 ~ #form-details form h2{
936     font-size: 26px;
937     line-height: 35px;
938     padding: 20px 0;
939 }
940
941 ~ #contact .details h1{
942     font-size: 16px;
943     padding-bottom: 15px;
944 }
945
946 ~ #contact .details li{
947     list-style: none;
948     display: flex;
949     padding: 10px 0;
950 }
951
952 ~ #contact .details li i{
953     font-size: 14px;
954     padding-right: 22px;
955 }
956
957 ~ #contact .details li p{
958     margin: 0;
959     font-size: 14px;
960 }
961 }
962
963 ~ #contact .details map{
964     width: 55%;
965     height: 400px;
966 }
967
968 ~ #contact .details map iframe{
969     width: 100%;
970     height: 100%;
971 }

```

```

967
968 ~ #contact .details map iframe{
969     width: 100%;
970     height: 100%;
971 }
972
973 ~ #form-details{
974     display: flex;
975     justify-content: space-between;
976     margin: 30px;
977     padding: 80px;
978     border: 1px solid #d277ec;
979 }
980
981 ~ #form-details form{
982     width: 100%;
983     display: flex;
984     flex-direction: column;
985     align-items: flex-start;
986 }
987
988
989 #form-details form input,
990 ~ #form-details form textarea{
991     width: 100%;
992     padding: 12px 15px;
993     outline: none;
994     margin-bottom: 20px;
995     border: 1px solid pink;
996 }
997
998 ~ #form-details form button {
999     padding: 1.3em 3em;
1000     font-size: 12px;
1001     text-transform: uppercase;
1002     letter-spacing: 2.5px;
1003     font-weight: 500;
1004     color: #000;
1005     background-color: #fff;
1006     border: none;
1007     border-radius: 45px;
1008     box-shadow: 0px 8px 15px rgba(0, 0, 0, 0.1);
1009     transition: all 0.3s ease 0s;
1010     cursor: pointer;
1011     outline: none;
1012 }
1013
1014 ~ #form-details form button:hover {
1015     background-color: #d277ec;
1016     box-shadow: 0px 15px 20px rgba(238, 113, 223, 0.4);
1017     color: #fff;
1018     transform: translateY(-7px);
1019 }
1020
1021 ~ #form-details form button:active {
1022     transform: translateY(-1px);
1023 }
1024

```

3.0 PHP and Ajax

The screenshot shows the phpMyAdmin interface with the 'product_details' table selected. The table structure is as follows:

id	name	description	price	quantity	image
1	skull candy Crusher Evo	Sensory Bass Headphones	Get ready to experience the patented, skull-thumping power of Crusher Bass	5	images/t1.webp

The interface includes a sidebar with a database tree, a top navigation bar, and a bottom console. The main area displays the table data and various query options.

The screenshot shows the phpMyAdmin interface with the 'users1' table selected. The table structure is as follows:

id	username	email	password	date
1	john	john.doe@gmail.com	12345678	2023-03-16 09:13:38
2	john doe	john.doe1@gmail.com	12345678	2023-03-16 14:45:58
3	john doe	john.doe2@gmail.com	12345678	2023-03-16 15:06:49
4	jane doe	jane.doe@gmail.com	12345678	2023-03-17 09:52:07

The interface includes a sidebar with a database tree, a top navigation bar, and a bottom console. The main area displays the table data and various query options.

localhost:8012/phpmyadmin/index.php?route=/sql&pos=0&db=e-commerce&table=order

phpMyAdmin

Recent Favorites

- New
- audio_bliss
- e-commerce
- New
- cart
- customerdetails
- customer_feedback
- order
- products
- product_details
- users1
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Showing rows 0 - 0 (1 total, Query took 0.0002 seconds)

SELECT * FROM "order"

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	id	name	number	email	method	flat	street	city	state	country	pin_code	total_product	total_price
<input type="checkbox"/>	1	john doe	57654321	john.doe@gmail.com	cash on delivery	Cap-Malheureux	Mosque-Road	Port-Louis	Rivière du Rempart	Maunilius	31720	3	8800

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

Type here to search

26°C Mostly cloudy

ENG UK 22:29 18/03/2023

localhost:8012/WAD/audioBliss/

Audio Bliss

Home Shop Blog About Contact john Logout

FEEL THE RHYTHM

KICK OFF THE YEAR WITH THE NEW

PHILIPS PH805

Limited edition

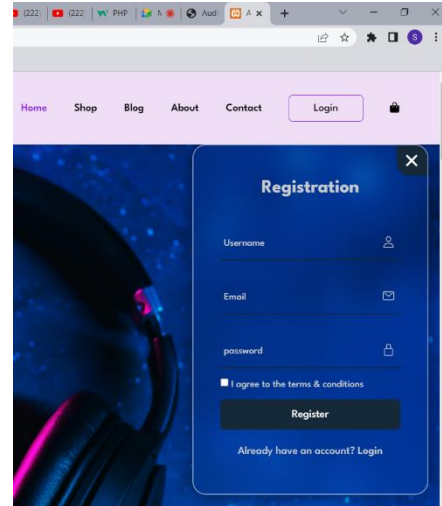
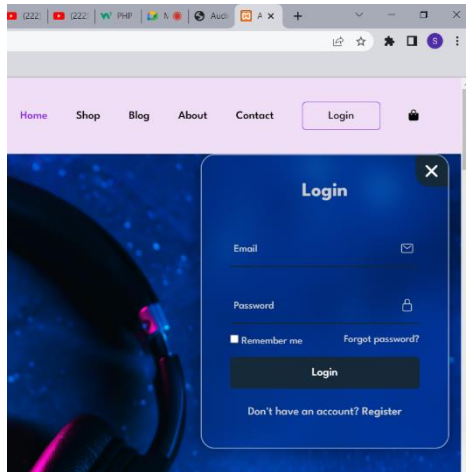
Shop Now

Type here to search

26°C

ENG UK 22:30 18/03/2023

4. Login and registration



```
36 </section>
37
38 <div id="loginPopup" class="wrapper">
39   <span class="icon-close">
40     <ion-icon name="close"></ion-icon>
41   </span>
42
43   <!-- Login -->
44   <div class="form-box login">
45     <h2>Login</h2>
46
47     <!-- <form action="login.php" method="post"> -->
48     <form id="login-form" action="javascript:void(0)" method="post">
49       <div class="input-box">
50         <span class="icon"><ion-icon name="mail-outline"></ion-icon></span>
51         <input type="email" name="email" required>
52         <label>Email</label>
53       </div>
54
55       <div class="input-box">
56         <span class="icon"><ion-icon name="lock-closed-outline"></ion-icon></span>
57         <input type="password" name="password" required>
58         <label>Password</label>
59       </div>
60
61       <div class="remember-forgot">
62         <input type="checkbox" name="remember">Remember me</label>
63         <a href="#">forgot password</a>
64       </div>
65
66       <button type="submit" class="btn" name="login_user">Login</button>
67
68       <p>Don't have an account? <a href="#" class="register-link">Register</a></p>
69     </div>
70   </div>
71 </div>
```

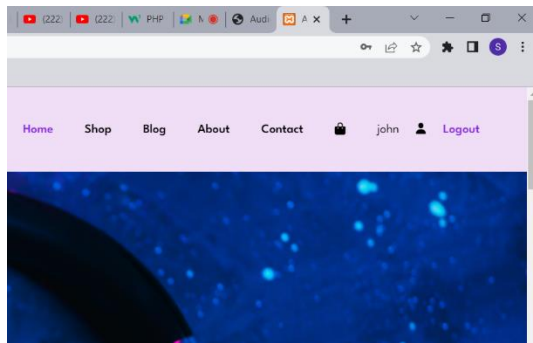
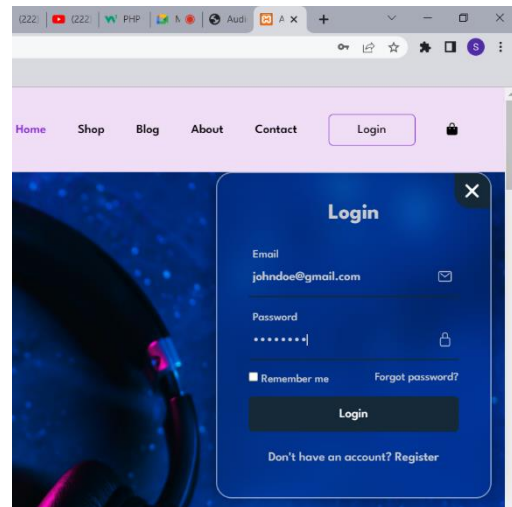
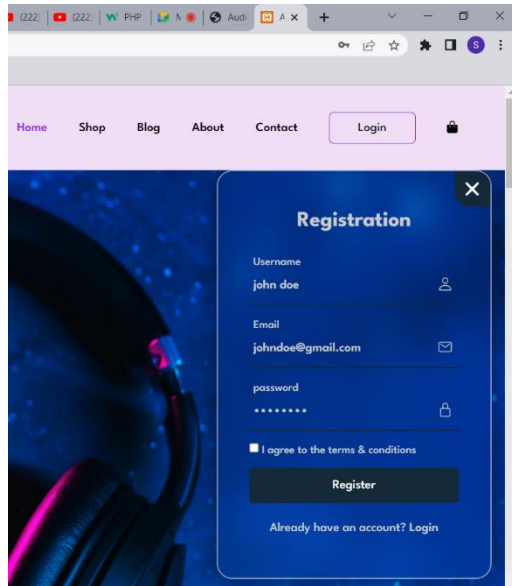
```
72 <!-- Registration -->
73 <div class="form-box register">
74   <h2>Registration</h2>
75
76   <!-- <form action="register.php" method="post"> -->
77   <form id="register-form" action="javascript:void(0)" method="post">
78     <div class="input-box">
79       <span class="icon">
80         <ion-icon name="person-outline"></ion-icon>
81       </span>
82       <input type="text" name="username" required>
83       <label>Username</label>
84     </div>
85
86     <div class="input-box">
87       <span class="icon">
88         <ion-icon name="mail-outline"></ion-icon>
89       </span>
90       <input type="email" name="email" required>
91       <label>Email</label>
92     </div>
93
94     <div class="input-box">
95       <span class="icon">
96         <ion-icon name="lock-closed-outline"></ion-icon>
97       </span>
98       <input type="password" name="password" required>
99       <label>Password</label>
100     </div>
101
102     <div class="remember-forgot">
103       <input type="checkbox" name="remember">Remember me</label>
104       <a href="#">forgot password</a>
105     </div>
106
107     <button type="submit" class="btn" name="reg_user">Register</button>
108
109     <p>Already have an account? <a href="#" class="login-link">Login</a></p>
110   </div>
111 </div>
```

Html code for login and registration page and main CSS code for these 2 pages.

```
# style.css > .input-box input
147 }
148
149 /* for the login and registration */
150 .wrapper {
151   position: fixed;
152   left: 75%;
153   width: 350px;
154   height: 415px;
155   background: transparent;
156   border: 2px solid #255, 255, 255, .5);
157   border-radius: 20px;
158   backdrop-filter: blur(20px);
159   box-shadow: 0 0 30px #255, 0, 0, .5);
160   display: flex;
161   justify-content: center;
162   align-items: center;
163   overflow: hidden;
164   transform: scale(0);
165   transition: transform .5s ease, height .2s ease;
166 }
167
```

```
# style.css > .input-box input
200 transition: transform .18s ease;
201 transform: translateX(0);
202 }
203
204 .wrapper .icon-close {
205   position: absolute;
206   top: 0;
207   right: 0;
208   width: 45px;
209   height: 45px;
210   background: #162938;
211   font-size: 2em;
212   color: #fff;
213   display: flex;
214   justify-content: center;
215   align-items: center;
216   border-bottom-left-radius: 20px;
217   cursor: pointer;
218   z-index: 1;
219 }
220
221 .form-box h2 {
```

```
style.css > .login-register
293 text-decoration: underline;
294 }
295
296 .btn {
297   width: 100%;
298   height: 45px;
299   background: #162938;
300   border: none;
301   outline: none;
302   border-radius: 6px;
303   cursor: pointer;
304   font-size: 1em;
305   color: #fff;
306   font-weight: 500;
307 }
308
309 .login-register {
310   font-size: .9em;
311   color: #c9cbce;
312   text-align: center;
313   font-weight: 500;
314   margin: 25px 0 10px 0;
```



```

1
2 const btnLoginPopup = document.querySelector('.btn-login-popup');
3 const wrapper = document.querySelector('.wrapper');
4 const closeBtn = wrapper.querySelector('.icon-close');
5 const registerLink = document.querySelector('.register-link');
6 const loginLink = document.querySelector('.login-link');
7
8 btnLoginPopup.addEventListener('click', function() {
9   wrapper.classList.add('active-popup');
10 });
11
12 closeBtn.addEventListener('click', function() {
13   wrapper.classList.remove('active-popup');
14 });
15
16 registerLink.addEventListener('click', () => {
17   wrapper.classList.add('active');
18 });
19
20 loginLink.addEventListener('click', () => {
21   wrapper.classList.remove('active');
22 });
23
24
25
26 //AJAX for login and registration
27
28 $(document).ready(function(){
29   // login form submission

```

```

1 <?php
2
3 session_start();
4
5 if(isset($_SESSION['username'])) {
6   $username = $_SESSION['username'];
7 } else {
8   $username = '';
9 }
10 ?>
11

```

AJAX, PHP, JavaScript have been used for the login system. PHP is used to display the name of the user. JavaScript is used to open login page or registration page. AJAX is used to prevent the page from reloading when the user is inputting his/her credentials.

```

1 //AJAX for login and registration
2
3 $(document).ready(function(){
4   // Login form submission
5   $('#login-form').submit(function(event){
6     event.preventDefault();
7     var formData = $(this).serialize();
8     $.ajax({
9       url: 'login.php',
10      type: 'POST',
11      data: formData,
12      success: function(response){
13        // Handle success response
14        console.log(response);
15      },
16      error: function(error){
17        // Handle error response
18        console.log(error);
19      }
20    });
21  });
22 });

```

```

1 <div>
2   <ul id="navbar">
3     <li><a class="active" href="AudioBliss.html">Home</a></li>
4     <li><a href="Shop.html">Shop</a></li>
5     <li><a href="Blog.html">Blog</a></li>
6     <li><a href="About.html">About</a></li>
7     <li><a href="Contact.html">Contact</a></li>
8     <li id="bigbag"><a href="cart.php"><i class="fa fa-bag-shopping"></i></a></li>
9     <a href="#" id="close"><i class="fa fa-times"></i></a>
10    <li><?php if($username != ''): ?>
11      <div><?php echo $username; ?></div>
12      <?php endif; ?>
13    </li>
14    <span class="icon"><i class="fa fa-user"></i></span>
15    <li><a href="logout.php">Logout</a></li>
16  </ul>
17  <div id="mobile">
18    <a href="Cart.html"><i class="fa fa-bag-shopping"></i></a>
19    <i id="bar" class="fas fa-outdent"></i>

```

```

login.php > ...
10
11
12 if(isset($_POST['email']) && isset($_POST['password'])) {
13     $email = $_POST['email'];
14     $password = $_POST['password'];
15
16     // Validate the email
17     if(!validateEmail($email)) {
18         die("Invalid email");
19     }
20
21     $dbuser = "root";
22     $dbpass = "";
23     $conn = mysqli_connect("localhost", $dbuser, $dbpass, "ecommerce");
24
25
26     // Check connection
27     if(!$conn) {
28         die("Connection failed: " . mysqli_connect_error());
29     }
30
31     // Query the database
32     $sql = "SELECT * FROM users WHERE email='$email' AND password='$password'";
33     $result = mysqli_query($conn, $sql);
34
35     if(mysqli_num_rows($result) > 0) {
36         // login successful
37         $user = mysqli_fetch_assoc($result);
38         $_SESSION['id'] = $user['id'];
39         $_SESSION['username'] = $user['username'];
40         $_SESSION['email'] = $user['email'];
41         header("Location: index.php");
42     } else {
43         // login failed
44         echo "Invalid email or password";
45     }
46

```

```

register.php > ...
4 if(isset($_POST['username']) && isset($_POST['email']) && isset($_POST['password'])) {
5     // $first_name = $_POST['first_name'];
6     $username = $_POST['username'];
7     $email = $_POST['email'];
8     $password = $_POST['password'];
9
10
11     if(empty($username) || !preg_match('/^[a-zA-Z\s]+$/i', $username)) {
12         echo "Invalid last name";
13         exit();
14     }
15
16     if(empty($email) || !filter_var($email, FILTER_VALIDATE_EMAIL)) {
17         echo "Invalid email";
18         exit();
19     }
20
21     if(empty($password) || strlen($password) < 8) {
22         echo "Password should be at least 8 characters long";
23         exit();
24     }
25
26     $servername = "localhost";
27     $dbuser = "root";
28     $dbpass = "";
29     $dbname = "ecommerce";
30     $conn = mysqli_connect($servername, $dbuser, $dbpass, $dbname);
31
32
33     // Check connection
34     if(!$conn) {
35         die("Connection failed: " . mysqli_connect_error());
36     }
37
38
39     $sql = "INSERT INTO users (username, email, password) VALUES ('$username', '$email', '$password')";
40

```

```

logout.php
1 <?php
2 session_start();
3
4 session_unset();
5 session_destroy();
6
7 header("Location: AudioBliss.html");
8 ?>

```

When the user click the button login or register, AJAX is used to direct the file login.php or register.php

The logout button direct the user to the home page.

5.0 Conclusion

In conclusion, the creation of AudioBliss, an ecommerce website, using a combination of HTML, PHP, JS, AJAX, and form, was a challenging yet rewarding experience. Throughout the development process, we learned a great deal about web development and gained practical knowledge in implementing various features of an ecommerce website, such as product listings, shopping cart, and checkout process.

We utilized HTML to create the structure and content of the website, PHP to handle server-side scripting, JS for client-side functionality, AJAX for asynchronous data retrieval, and form to collect and validate user inputs. By combining these technologies, we were able to create a fully functional and user-friendly ecommerce website.

Overall, building AudioBliss taught us valuable skills in web development and provided us with a hands-on experience in implementing real-world web applications. We are confident that our website will provide a seamless and enjoyable shopping experience for users and look forward to further improving and expanding its functionalities in the future.

