**Documentation**

**Web Development Project Report**

**Project Name:** RU Sneakers Website

**Report Author:** Sandile Cengani, Lihle Magqwashe, Sicelo Mduna

SECTION A

**1. Role in Web Development**

We played a significant role in the development of the RU Sneakers website, contributing to various aspects of the project as follows

**a. HTML:**

* We were all responsible for designing and structuring the website's front-end using HTML. This included creating the layout of web pages, navigation menus, and forms.
* The layout of the pages was mostly done by Lihle Magqwashe as he was very interested in how the website will be, and the forms were mostly done by Sicelo Mduna.
* Sandile was the navigation master and the footer handling

**b. CSS:**

* We also worked together in designed the website's visual appearance using CSS, implementing styles, colours, and layout for a cohesive and user-friendly design.
* Sandile was responsible for the animations and the responsiveness of the website and also with some of the colours.
* Lihle was working mostly on the colours and layout as he was also the one mostly working with the html layout.
* Sicelo made sure our website is a user-friendly design and the visuals and colours match in the whole system.

**c. JS:**

* We contributed to the website's interactivity by implementing JavaScript functionalities, including navigation menu behaviour and hover effects for product images.

**d. Database (PHP):**

* We collaborated on the database integration using PHP to fetch data from the database and display it on the website. This included connecting to the database, executing SQL queries, and processing results to show products dynamically.

**e. Security:**

* In Task 2, we implemented key security features to safeguard the website against various threats:
  + Prevention of SQL Injection through the use of prepared statements.
  + Prevention of XSS (Cross-Site Scripting) by using prepared statements and output encoding.
  + Secure Session Management with the use of HTTP and, session regeneration, and proper logout mechanisms.
  + Access Controls to ensure users can access only authorized data.
  + Secure File Upload handling by validating file names and storing uploads outside the web root directory.

**2. Screenshots and Explanations**

Here are the screenshots and explanations of the functionalities and code contributions:

**HTML and CSS:**

* **HTML Structure**: We designed the website's HTML structure, which includes navigation menus, product containers, and product details sections.
* **HTML FOOTER-**this is our footer ,it is a simple footer that show the author and the links to our social sites.
* <footer class="footer" id = "fieldset-3" style = "border:none;">
* <p><h3>Author</h3> Group 17: Computer Science 301 - Web dev <br>
* Email address: <a href= "mailto:CompilingGirls@cg.co.za"> rusneakers@ru.ac.za</a> </p> <br>
* <a class = "contact\_us" href = "contact\_us.php"><h2 class = "contactus\_hyperlink">Contact Us</h2></a></td>
* <a class = "about\_us" href = "about\_us.php"><h2 class = "aboutus\_hyperlink">About Us</h2></a></td>
* <br>
* <div class="link">
* <a href="https://www.facebook.com/groups/httpswww.instagram.comsneakerheadsaauthentic/"><i class='bx bxl-facebook-square' ></i></a><br>
* <a href="https://www.tiktok.com/@sneakerpage"><i class='bx bxl-tiktok' ></i></a><br>
* <a href="https://twitter.com/sneakernews?lang=en"><i class='bx bxl-twitter' ></i></a><br>
* <a href="https://chat.whatsapp.com/Hijwu3eAQ2d2liiKLgU56V"><i class='bx bxl-whatsapp' ></i></a><br>
* <a href="https://t.me/s/snkrempire"><i class='bx bxl-telegram' ></i></a><br>
* </div>
* <p style="text-align: center;">
* <i> &copy 2023 RU\_Sneakers : All rights reserved.</i>
* </p>
* </footer>
* </html>

**CSS**

<style>

        /\* Style for fieldset-1 \*/

        #fieldset-1 {

        background-color:  #4b576d;

        border: 1px solid #c0c0c0;

        padding: 20px;

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.9); /\* Add a box shadow for a modern effect \*/

        transition: background-color 0.3s ease-in-out; /\* Add a transition for background-color \*/

        position: relative; /\* Position relative to allow z-index \*/

        }

        /\* Add a hover effect to change the background color on hover \*/

        #fieldset-1:hover {

        background-color:#778899;

        }

        #fieldset-1 { z-index: 1; }

        /\* Style for fieldset-2 \*/

        #fieldset-2 {

        background-color:  #495268;

        border: 1px solid #4682b4;

        padding: 20px;

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.9); /\* Add a box shadow for a modern effect \*/

        transition: background-color 0.3s ease-in-out; /\* Add a transition for background-color \*/

        position: relative; /\* Position relative to allow z-index \*/

        }

        /\* Add a hover effect to change the background color on hover \*/

        #fieldset-2:hover {

        background-color: #f0f0f0;

        }

        #fieldset-2 { z-index: 2; }

        /\* Style for fieldset-3 \*/

        #fieldset-3 {

        background-color:  #384555;

        border: 1px solid #808080;

        padding: 20px;

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.9); /\* Add a box shadow for a modern effect \*/

        transition: background-color 0.3s ease-in-out; /\* Add a transition for background-color \*/

        position: relative; /\* Position relative to allow z-index \*/

        }

        /\* Add a hover effect to change the background color on hover \*/

        #fieldset-3:hover {

        background-color: #595959;

        }

        #fieldset-3 { z-index: 3; }

        /\* Style for fieldset-4 \*/

        #fieldset-4 {

        background-color:  #2e3d4f;

        border: 1px solid #787878;

        padding: 20px;

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.9); /\* Add a box shadow for a modern effect \*/

        transition: background-color 0.3s ease-in-out; /\* Add a transition for background-color \*/

        position: relative; /\* Position relative to allow z-index \*/

        }

        /\* Add a hover effect to change the background color on hover \*/

        #fieldset-4:hover {

        background-color: #5f5f5f;

        }

        #fieldset-4 { z-index: 4; }

    </style>

**Navbar-** This is our nav bar html

<footer class="footer" id = "fieldset-3" style = "border:none;">

    <p><h3>Author</h3> Group 17: Computer Science 301 - Web dev <br>

        Email address: <a href= "mailto:CompilingGirls@cg.co.za"> rusneakers@ru.ac.za</a> </p> <br>

        <a class = "contact\_us" href = "contact\_us.php"><h2 class = "contactus\_hyperlink">Contact Us</h2></a></td>

        <a class = "about\_us" href = "about\_us.php"><h2 class = "aboutus\_hyperlink">About Us</h2></a></td>

        <br>

    <div class="link">

        <a href="https://www.facebook.com/groups/httpswww.instagram.comsneakerheadsaauthentic/"><i class='bx bxl-facebook-square' ></i></a><br>

        <a href="https://www.tiktok.com/@sneakerpage"><i class='bx bxl-tiktok' ></i></a><br>

        <a href="https://twitter.com/sneakernews?lang=en"><i class='bx bxl-twitter' ></i></a><br>

        <a href="https://chat.whatsapp.com/Hijwu3eAQ2d2liiKLgU56V"><i class='bx bxl-whatsapp' ></i></a><br>

        <a href="https://t.me/s/snkrempire"><i class='bx bxl-telegram' ></i></a><br>

    </div>

        <p style="text-align: center;">

            <i> &copy 2023 RU\_Sneakers : All rights reserved.</i>

        </p>

</footer>

</html>

* **CSS Styling**: We applied CSS styles to create a visually appealing and responsive design. This includes defining fonts, colours, layout, and hover effects.

[Include relevant screenshots here]

**JavaScript:**

* **Menu Interaction**: we added JavaScript to control the navigation menu, making it responsive and interactive. Clicking on menu items updates the active link.
* **The popup**: the **showPopup** function is used to create a pop-up window that displays essential purchase details for a product, including its ID, purchase price, and the name of the table where the product information is stored. This feature allows users to view product details in a convenient, temporary pop-up window before potentially making a purchase decision.
* function showPopup(shoeId, price, tableName) {
* // Create a new pop-up window
* var popup = window.open('', 'Purchase Details', 'width=300, height=200');
* // Write the shoe\_id, purchase price, and table name in the pop-up window
* popup.document.write('<h2>Purchase Details</h2>');
* popup.document.write('<p>Shoe ID: ' + shoeId + '</p>');
* popup.document.write('<p>Purchase Price: R' + price + '</p>');
* popup.document.write('<p>Table Name: ' + tableName + '</p>');
* // Close the pop-up after 5 seconds (you can adjust the delay as needed)
* setTimeout(function() {
* popup.close();
* }, 5000);
* }

We also made a JavaScript, designed to add an "active" class to the clicked navigation element within a navigation bar (navbar) while removing the "active" class from all other navigation elements. This creates a visual indication of the currently selected or active navigation item.

navbar = document.querySelector(".navbar").querySelectorAll("a");

console.log(navbar);

navbar.forEach(element => {

    element.addEventListener("click", function(){

        navbar.forEach(nav=>nav.classList.remove("active"))

        this.classList.add("active");

    })

});

Slide shows

// Function to change the image in the slideshow

function changeImage() {

    imgElement.src = imageSources[currentImageIndex];

    currentImageIndex = (currentImageIndex + 1) % imageSources.length;

}

// Change the image every 3 seconds (3000 milliseconds)

setInterval(changeImage, 3000);

// Array of image sources for the slideshow

const imageSources = [

    'images/slide\_show/slide\_show1.jpg',

    'images/slide\_show/slide\_show2.jpg',

    'images/slide\_show/slide\_show3.jpg',

    // Add more image sources as needed

];

const imgElement = document.getElementById('sneakers');

const captionElement = document.getElementById('caption');

let currentImageIndex = 0;

let slideshowInterval;

// Array of captions corresponding to image sources

const captions = [

    'Welcome to RU Sneakers!',

    'Explore our latest arrivals.',

    'Join our vibrant sneaker community.',

    // Add more captions as needed

];

function changeImage() {

    imgElement.style.opacity = 0; // Start fading out the current image

    setTimeout(function () {

        imgElement.src = imageSources[currentImageIndex];

        captionElement.innerText = captions[currentImageIndex];

        currentImageIndex = (currentImageIndex + 1) % imageSources.length;

        imgElement.style.opacity = 1; // Start fading in the new image

    }, 500); // Wait for the fade-out to complete (500 milliseconds)

}

function pauseSlideshow() {

    clearInterval(slideshowInterval);

}

function resumeSlideshow() {

    slideshowInterval = setInterval(changeImage, 3000);

}

// Initialize the caption with the first image's caption

captionElement.innerText = captions[currentImageIndex];

// Pause and resume on hover

imgElement.addEventListener('mouseenter', pauseSlideshow);

imgElement.addEventListener('mouseleave', resumeSlideshow);

// Start the slideshow

resumeSlideshow();

**Database (PHP):**

* **Database Connection**: we established a connection to the database using PHP and retrieved data dynamically.
* <?php
* //  Connect to the database (You need to replace these with your actual database credentials)
* $servername = "cs3-dev.ict.ru.ac.za";
* $username = "G21M8916";
* $password = "G21M8916";
* $dbname = "group17";
* // Define the table\_name variable
* $table\_name = "jordan";
* // Create a connection to the database
* $conn = new mysqli($servername, $username, $password, $dbname);
* // Check the connection
* if ($conn->connect\_error) {
* die("Connection failed: " . $conn->connect\_error);
* }
* **Product Display**: I used PHP to fetch and display product information, such as product descriptions, prices, and images, based on database records.
* $sql = "SELECT shoe\_id, shoe\_description, shoe\_price, shoe\_image\_path FROM $table\_name"; // Use the defined table\_name
* $result = $conn->query($sql);
* if ($result->num\_rows > 0) {
* while ($row = $result->fetch\_assoc()) {
* $sneaker\_id = $row["shoe\_id"];
* $shoe\_description = $row["shoe\_description"];
* $price = $row["shoe\_price"];
* $picture = $row["shoe\_image\_path"];
* // Display the product card for each sneaker
* echo '<div class="product">
* <h1>' . $shoe\_description . '</h1>
* <h2>Price: R' . $price . '</h2>
* <h2>Size:
* <select name="size" id="size" style="font-size: 20px;">
* <option value="four">4 UK</option>
* <option value="five">5 UK</option>
* <option value="six">6 UK</option>
* <option value="seven">7 UK</option>
* <option value="eight">8 UK</option>
* <option value="nine">9 UK</option>
* <option value="ten">10 UK</option>
* <option value="eleven">11 UK</option>
* <option value="twelve">12 UK</option>
* </select>
* </h2>
* <img src="' . $picture . '" style="width: 300px; height: 300px;">
* <button type="button" onclick="showPopup(' . $sneaker\_id . ', ' . $price . ', \'' . $table\_name . '\')" id="fieldset-3" style="border:none;">Purchase</button>
* </div>';
* }
* } else {
* // Handle the case where no sneaker products are found
* echo 'No sneaker products found.';
* }

**Security Features (Task 2):**

* **Prepared Statements**: we implemented prepared statements for database queries to prevent SQL injection.
* **Output Encoding**: we used output encoding techniques to prevent XSS by sanitizing user inputs before displaying them.
* **Secure Session Management**: we ensured secure session management practices with HttpOnly and Secure cookies, session regeneration, and proper logout mechanisms.
* session\_start();
* if ($\_SERVER["REQUEST\_METHOD"] === "POST" && isset($\_POST['submit']) && $\_SERVER['SCRIPT\_NAME'] === '/user\_login.php') {
* $idNumber = isset($\_POST['id\_number']) ? $\_POST['id\_number'] : '';
* $email = isset($\_POST['email']) ? $\_POST['email'] : '';
* $password = isset($\_POST['password']) ? $\_POST['password'] : '';
* **Access Controls**: we implemented access controls to protect against insecure direct object references.

**Section B**

**Sandile Cengani**

**footer**

<footer class="footer" id = "fieldset-3" style = "border:none;">

    <p><h3>Author</h3> Group 17: Computer Science 301 - Web dev <br>

        Email address: <a href= "mailto:CompilingGirls@cg.co.za"> rusneakers@ru.ac.za</a> </p> <br>

        <a class = "contact\_us" href = "contact\_us.php"><h2 class = "contactus\_hyperlink">Contact Us</h2></a></td>

        <a class = "about\_us" href = "about\_us.php"><h2 class = "aboutus\_hyperlink">About Us</h2></a></td>

        <br>

    <div class="link">

        <a href="https://www.facebook.com/groups/httpswww.instagram.comsneakerheadsaauthentic/"><i class='bx bxl-facebook-square' ></i></a><br>

        <a href="https://www.tiktok.com/@sneakerpage"><i class='bx bxl-tiktok' ></i></a><br>

        <a href="https://twitter.com/sneakernews?lang=en"><i class='bx bxl-twitter' ></i></a><br>

        <a href="https://chat.whatsapp.com/Hijwu3eAQ2d2liiKLgU56V"><i class='bx bxl-whatsapp' ></i></a><br>

        <a href="https://t.me/s/snkrempire"><i class='bx bxl-telegram' ></i></a><br>

    </div>

        <p style="text-align: center;">

            <i> &copy 2023 RU\_Sneakers : All rights reserved.</i>

        </p>

</footer>

**Navbar and structure of our home page**

<body>

     <!-- header -->

     <header class="header">

        <a href="index.php"><img src="logo.png" alt="logo" width="100"></a>

        <!-- navigations -->

        <nav class="navbar" id = "fieldset-1" style = "border:none;">

            <input type="checkbox" id="check">

            <label for="check" class="checkbtn">

                <i class='bx bx-menu'></i>

            </label>

            <ul>

                <li><a href="index.php" class="active">🏠 Home</a></li>

                <li><a href="nike-user.php">Nike</a></li>

                <li><a href="jordan-user.php">Jordan</a></li>

                <li><a href="adidas-user.php">Adidas</a></li>

                <li><a href="index.php" id="logout-link" class="navbar2">🚪Logout</a></li>

            </ul>

        </nav>

    </header>

    <br> <br> <br> <br> <br> <br> <br> <br> <br>

    <p style = "color: green; padding-left: 600px; font-size: 35px;">You have Successfully logged in as User</p>

    <h1 class="h1"> RU Sneakers </h1>

    <h2 class="h2"> Step into Style, Stride with Confidence </h2>

    <img src="images/nike-jordan.gif" alt="nike-jordan" width="100%" height="600">

    <!-- image slider -->

    <br> <br> <br>

    <!-- video -->

    <p class="p1"><strong>Cristiano Ronaldo</strong>, the 5 time ballon d'Or winner goes sneaker shopping at RU Sneakers</p>

    <center>

        <video width="90%" height="700" controls>

            <source src="videos/x2mate.com-Cristiano Ronaldo Goes Sneaker Shopping With Complex-(1080p).mp4" type="video/mp4">

        </video>

    </center>

    <br> <br>

    <fieldset style = "border:none;">

    <div>

        <div style = "padding-left: 250px; font-size: 40px;" id="caption"></div>

        <img id="sneakers" src="images/slide\_show/slide\_show1.jpg" alt="sneakers" width="800" height="500">

        <div id="caption"></div>

        <div>

            <h2 class="p2">

                Welcome to RU Sneakers, the ultimate destination for sneaker enthusiasts and collectors.

                At RU Sneakers, we curate a meticulously crafted selection of the latest and most sought-after sneakers, catering to both style-conscious individuals and dedicated sneakerheads.

                Our mission is to provide a seamless shopping experience, offering a diverse range of brands, styles, and sizes to suit every taste and need.

                Whether you're on the hunt for limited edition releases, classic favorites, or exclusive collaborations, you'll find them all here.

                Join our vibrant sneaker community, stay updated with the latest trends, and elevate your sneaker game with RU Sneakers

            </h2>

        </div>

    </div>

    <br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>

</fieldset>

    <!-- javascript -->

    <script src="Q5.js"></script>

    <fieldset style = "padding-top: 20px; padding-bottom: 20px;">

        <!-- Stylish button with click event to navigate -->

        <div id="caption"> Developer Section</div> <br><br>

        <button class="styled-button" type="button" onclick="navigateToPage()" style = "margin-left:250px;"> 📋 View Java scrip Navigator object</button>

    </fieldset>

**Sicelo Mduna**

Html Forms

<div class="center">

        <h1 style="font-size: 45px;">👤 Sign Up:</h1>

        <form method="POST" action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]); ?>">

            <div class="txt\_field">

                <input type="text" name="fname" id="fname" required>

                <label for="fname">First Name:<span class="error">\* <?php echo $firstnameErr;?></span></label>

            </div>

            <div class="txt\_field">

                <input type="text" name="lname" id="lname" required>

                <label for="lname">Last Name:<span class="error">\* <?php echo $lastnameErr;?></span></label>

            </div>

            <div class="txt\_field">

                <input type="text" name="idnum" id="idnum" required>

                <label for="idnum">Identity Number:<span class="error">\* <?php echo $id\_numberErr;?></span></label>

            </div>

            <div class="txt\_field">

                <input type="text" name="email" id="email" required>

                <label for="email">Email:<span class="error">\*<?php echo $emailErr;?></span></label>

            </div>

            <div class="txt\_field">

                <input type="password" name="password" id="password" required>

                <label for="password">Password:<span class="error">\*<?php echo $passwordErr;?></span></label>

                <i class="eye-icon" id="togglePassword" style="font-size: 30px;">👁️</i>

            </div>

            <div class="txt\_field">

                <input type="password" name="cpassword" id="cpassword" required>

                <label for="cpassword">Confirm Password:<span class="error">\*<?php echo $cpasswordErr;?></span></label>

                <i class="eye-icon" id="toggleCPassword" style="font-size: 30px;">👁️</i>

            </div>

            <script src="security\_eye.js"></script>

            <input name="submit" type="submit" value="Sign Up">

            <div class="signup\_link">

                <p style="font-size: 16px; color: #666666;">Already have an account? <a href="user\_login.php">Login</a></p>

            </div>

        </form>

    </div>

Login

<div class="wrapper">

        <form action="#" method="post">

            <h1>Login</h1>

            <div class="input-box">

                <input type="text" placeholder="Username" required>

                <i class='bx bxs-user'></i>

            </div>

            <div class="input-box">

                <input type="password" placeholder="Password" required>

                <i class='bx bxs-lock-alt'></i>

            </div>

            <div class="remember-forgot">

                <label> <input type="checkbox">Remember me</label>

                <a href="#">Forgot password?</a>

            </div>

            <button type="submit" class="btn">Login</button>

            <div class="register-link">

                <p>Don't have an account? <a href="signup.html">Register</a></p>

            </div>

        </form>

    </div>

Php login

      if ($\_SERVER["REQUEST\_METHOD"] === "POST") {

          $id\_number = $\_POST['id\_number'];

          $password = $\_POST['password'];

          $servername = "cs3-dev.ict.ru.ac.za";

          $username = "G21M8916";

          $password = "G21M8916";

          $dbname = "group17";

          $conn = new mysqli($servername, $username, $password, $dbname);

          // Check the connection

          if ($conn->connect\_error) {

              die("Connection failed: " . $conn->connect\_error);

          }

          $query = "SELECT \* FROM user WHERE user\_IdentityNumber = ? AND user\_Email  = ? AND user\_Password  = ?  "         ;

          $stmt = mysqli\_prepare($conn, $query);

          mysqli\_stmt\_bind\_param($stmt, "ss", $id\_number, $password);

          mysqli\_stmt\_execute($stmt);

          $result = mysqli\_stmt\_get\_result($stmt);

          if (mysqli\_num\_rows($result) == 1) {

              $\_SESSION['access'] = "yes";

              header("Location: index.php");

             // exit();

          } else {

              header("Location: login.php");

            //  exit();

          }

          mysqli\_close($conn);

      }

Admin forms

<fieldset>

    <h1>Enter Shoe Table Information</h1><br>

    <form method="post" action="process\_admin\_create\_table.php" enctype="multipart/form-data">

        <label for="table\_name">Table Name:</label>

        <input type="text" name="table\_name" required><br><br>

        <label for="shoe\_description">Shoe Description:</label>

        <input type="text" name="shoe\_description" required><br><br>

        <label for="shoe\_price">Shoe Price:</label>

        <input type="number" name="shoe\_price" required><br><br>

        <label for="shoe\_image">Upload Shoe Image:</label>

        <input type="file" name="shoe\_image" id="shoe\_image\_input" accept="image/\*" required>

        <input type="hidden" name="shoe\_image\_name" id="shoe\_image\_name"><br><br>

        <input type="submit" value="Submit">

    </form>

Admin

  <div class="product-container">

        <?php

        //  Connect to the database (You need to replace these with your actual database credentials)

        $servername = "cs3-dev.ict.ru.ac.za";

        $username = "G21M8916";

        $password = "G21M8916";

        $dbname = "group17";

        // Define the table\_name variable

        $table\_name = "jordan";

        // Create a connection to the database

        $conn = new mysqli($servername, $username, $password, $dbname);

        // Check the connection

        if ($conn->connect\_error) {

            die("Connection failed: " . $conn->connect\_error);

        }

        // Fetch multiple sneakers from the database

        $sql = "SELECT shoe\_id, shoe\_description, shoe\_price, shoe\_image\_path FROM $table\_name"; // Use the defined table\_name

        $result = $conn->query($sql);

        if ($result->num\_rows > 0) {

            while ($row = $result->fetch\_assoc()) {

                $sneaker\_id = $row["shoe\_id"];

                $shoe\_description = $row["shoe\_description"];

                $price = $row["shoe\_price"];

                $picture = $row["shoe\_image\_path"];

                // Display the product card for each sneaker

                echo '<div class="product">

                        <h1>' . $shoe\_description . '</h1>

                        <h2>Price: R' . $price . '</h2>

                        <h2>Size:

                            <select name="size" id="size" style="font-size: 20px;">

                                <option value="four">4 UK</option>

                                <option value="five">5 UK</option>

                                <option value="six">6 UK</option>

                                <option value="seven">7 UK</option>

                                <option value="eight">8 UK</option>

                                <option value="nine">9 UK</option>

                                <option value="ten">10 UK</option>

                                <option value="eleven">11 UK</option>

                                <option value="twelve">12 UK</option>

                            </select>

                        </h2>

                        <img src="' . $picture . '" style="width: 300px; height: 300px;">

                        <button type="button" onclick="showPopup(' . $sneaker\_id . ', ' . $price . ', \'' . $table\_name . '\')" id="fieldset-3" style="border:none;">Details</button>

                    </div>';

            }

        } else {

            // Handle the case where no sneaker products are found

            echo 'No sneaker products found.';

        }

        ?>

    </div>

**Lihle Magqwashe**

Structure of sneaker pages ,they are the same structure just different names

if ($result->num\_rows > 0) {

        while ($row = $result->fetch\_assoc()) {

            $sneaker\_id = $row["shoe\_id"];

            $shoe\_description = $row["shoe\_description"];

            $price = $row["shoe\_price"];

            $picture = $row["shoe\_image\_path"];

            $table\_name = "jordan"; // Modify this line to use the correct table name

            echo '<form method="POST" action="' . $\_SERVER['PHP\_SELF'] . '">

                <div class="product" id="fieldset-1" style="border:none;">

                    <h1>' . $shoe\_description . '</h1>

                    <h2>Price: R' . $price . '</h2>

                    <h2>Size:

                        <select name="size" id="size" style="font-size: 20px;">

                            <option value="four">4 UK</option>

                            <option value="five">5 UK</option>

                            <!-- Add other size options as needed -->

                        </select>

                    </h2>

                    <img src="' . $picture . '" style="width: 300px; height: 300px;">

                    <!-- Add an onclick event to call the showPopup function with the table name -->

                    <button type="button" onclick="showPopup(' . $sneaker\_id . ', ' . $price . ', \'' . $table\_name . '\')" id="fieldset-3" style="border:none;">Purchase</button>

                </div>

            </form>';

        }

    } else {

        // Handle the case where no sneaker products are found

        echo 'No sneaker products found.';

    }

Home page for as loged in user

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>RU Sneakers</title>

    <link rel="stylesheet" type="text/css" href="style.css">

    <script src="https://kit.fontawesome.com/a076d05399.js" crossorigin="anonymous"></script>

    <link rel="stylesheet"

    href="https://unpkg.com/boxicons@latest/css/boxicons.min.css">

    <!-- icon -->

    <link rel="icon" type="image/png" href="logo.png"/>

    </style>

    <script>

        document.addEventListener("DOMContentLoaded", function() {

        const logoutLink = document.getElementById("logout-link");

        if (logoutLink) {

            logoutLink.addEventListener("click", function(event) {

                const isConfirmed = window.confirm("Are you sure you want to log out?");

                if (!isConfirmed) {

                    event.preventDefault(); // Prevent the link from navigating to the "user\_login.php" page.

                }

            });

        }

    });

    </script>

</head>

<body>

     <!-- header -->

     <header class="header">

        <a href="index.php"><img src="logo.png" alt="logo" width="100"></a>

        <!-- navigations -->

        <nav class="navbar" id = "fieldset-1" style = "border:none;">

            <input type="checkbox" id="check">

            <label for="check" class="checkbtn">

                <i class='bx bx-menu'></i>

            </label>

            <ul>

                <li><a href="index.php" class="active">🏠 Home</a></li>

                <li><a href="nike-user.php">Nike</a></li>

                <li><a href="jordan-user.php">Jordan</a></li>

                <li><a href="adidas-user.php">Adidas</a></li>

                <li><a href="index.php" id="logout-link" class="navbar2">🚪Logout</a></li>

            </ul>

        </nav>

    </header>

    <br> <br> <br> <br> <br> <br> <br> <br> <br>

    <p style = "color: green; padding-left: 600px; font-size: 35px;">You have Successfully logged in as User</p>

    <h1 class="h1"> RU Sneakers </h1>

    <h2 class="h2"> Step into Style, Stride with Confidence </h2>

    <img src="images/nike-jordan.gif" alt="nike-jordan" width="100%" height="600">

    <!-- image slider -->

    <br> <br> <br>

    <!-- video -->

    <p class="p1"><strong>Cristiano Ronaldo</strong>, the 5 time ballon d'Or winner goes sneaker shopping at RU Sneakers</p>

    <center>

        <video width="90%" height="700" controls>

            <source src="videos/x2mate.com-Cristiano Ronaldo Goes Sneaker Shopping With Complex-(1080p).mp4" type="video/mp4">

        </video>

    </center>

    <br> <br>

    <fieldset style = "border:none;">

    <div>

        <div style = "padding-left: 250px; font-size: 40px;" id="caption"></div>

        <img id="sneakers" src="images/slide\_show/slide\_show1.jpg" alt="sneakers" width="800" height="500">

        <div id="caption"></div>

        <div>

            <h2 class="p2">

                Welcome to RU Sneakers, the ultimate destination for sneaker enthusiasts and collectors.

                At RU Sneakers, we curate a meticulously crafted selection of the latest and most sought-after sneakers, catering to both style-conscious individuals and dedicated sneakerheads.

                Our mission is to provide a seamless shopping experience, offering a diverse range of brands, styles, and sizes to suit every taste and need.

                Whether you're on the hunt for limited edition releases, classic favorites, or exclusive collaborations, you'll find them all here.

                Join our vibrant sneaker community, stay updated with the latest trends, and elevate your sneaker game with RU Sneakers

            </h2>

        </div>

    </div>

    <br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>

</fieldset>

    <!-- javascript -->

    <script src="Q5.js"></script>

    <fieldset style = "padding-top: 20px; padding-bottom: 20px;">

        <!-- Stylish button with click event to navigate -->

        <div id="caption"> Developer Section</div> <br><br>

        <button class="styled-button" type="button" onclick="navigateToPage()" style = "margin-left:250px;"> 📋 View Java scrip Navigator object</button>

    </fieldset>

    <!-- javascript -->

    <script src="script.js"></script>

   <!-- javascript Q1 - 2 -->

    <script src="Q1\_2.js"></script>

    <!-- javascript Q7 -->

    <script src="Q7.js"></script>

    <!-- javascript Q7 -->

    <script src="drop-down.js"></script>

</body>

 <!-- footer -->

 <footer class="footer">

    <p><h3>Author</h3> Group 17: Computer Science 301 - Web dev <br>

        Email address: <a href= "mailto:CompilingGirls@cg.co.za"> rusneakers@ru.ac.za</a> </p> <br>

        <a class = "contact\_us" href = "contact\_us.php"><h2 class = "contactus\_hyperlink">Contact Us</h2></a></td>

        <a class = "about\_us" href = "about\_us.php"><h2 class = "aboutus\_hyperlink">About Us</h2></a></td>

        <br>

    <div class="link">

        <a href="https://www.facebook.com/groups/httpswww.instagram.comsneakerheadsaauthentic/"><i class='bx bxl-facebook-square' ></i></a><br>

        <a href="https://www.tiktok.com/@sneakerpage"><i class='bx bxl-tiktok' ></i></a><br>

        <a href="https://twitter.com/sneakernews?lang=en"><i class='bx bxl-twitter' ></i></a><br>

        <a href="https://chat.whatsapp.com/Hijwu3eAQ2d2liiKLgU56V"><i class='bx bxl-whatsapp' ></i></a><br>

        <a href="https://t.me/s/snkrempire"><i class='bx bxl-telegram' ></i></a><br>

    </div>

        <p style="text-align: center;">

            <i> &copy 2023 RU\_Sneakers : All rights reserved.</i>

        </p>

</footer>

</html>

CSS FOR SNEAKER PAGES

<style>

        .product-container {

            display: flex;

            flex-wrap: wrap;

            justify-content: space-between;

        }

        .product {

          display: flex;

          flex-direction: column;

          align-items: center;

          justify-content: center;

          border: 1px solid #ccc;

          margin-left: 10px;

          margin-right: 10px;

    }

        @media (max-width: 768px) {

            .product {

                width: 100%; /\* Full width when screen size is small \*/

            }

        }

        .product img:hover {

            transform: scale(1.4); /\* Adjust the scale factor as needed for the desired zoom effect \*/

        }

        /\* Style for fieldset-1 \*/

        #fieldset-1 {

        background-color:  #b0b0b0;

        border: 1px solid #c0c0c0;

        padding: 20px;

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.9); /\* Add a box shadow for a modern effect \*/

        transition: background-color 0.3s ease-in-out; /\* Add a transition for background-color \*/

        position: relative; /\* Position relative to allow z-index \*/

        }

        /\* Add a hover effect to change the background color on hover \*/

        #fieldset-1:hover {

        background-color:#778899;

        }

        #fieldset-1 { z-index: 1; }

        /\* Style for fieldset-2 \*/

        #fieldset-2 {

        background-color:  #c8c8c8;

        border: 1px solid #4682b4;

        padding: 20px;

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.9); /\* Add a box shadow for a modern effect \*/

        transition: background-color 0.3s ease-in-out; /\* Add a transition for background-color \*/

        position: relative; /\* Position relative to allow z-index \*/

        }

        /\* Add a hover effect to change the background color on hover \*/

        #fieldset-2:hover {

        background-color: #f0f0f0;

        }

        #fieldset-2 { z-index: 2; }

        /\* Style for fieldset-3 \*/

        #fieldset-3 {

        background-color:  #333333;

        border: 1px solid #808080;

        padding: 20px;

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.9); /\* Add a box shadow for a modern effect \*/

        transition: background-color 0.3s ease-in-out; /\* Add a transition for background-color \*/

        position: relative; /\* Position relative to allow z-index \*/

        }

        /\* Add a hover effect to change the background color on hover \*/

        #fieldset-3:hover {

        background-color: #595959;

        }

        #fieldset-3 { z-index: 3; }

        /\* Style for fieldset-4 \*/

        #fieldset-4 {

        background-color:  #4d4d4d;

        border: 1px solid #787878;

        padding: 20px;

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.9); /\* Add a box shadow for a modern effect \*/

        transition: background-color 0.3s ease-in-out; /\* Add a transition for background-color \*/

        position: relative; /\* Position relative to allow z-index \*/

        }

        /\* Add a hover effect to change the background color on hover \*/

        #fieldset-4:hover {

        background-color: #5f5f5f;

        }

        #fieldset-4 { z-index: 4; }

        /\* Add styles for zooming effect \*/

.product img {

  transition: transform 0.5s;

  cursor: pointer;

}

SECTION C