WEEK 3: Use JavaScript for doing client – side validation of the pages implemented in experiment 1 and experiment 2.

HTML

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Spotify Cart</title>
   <link rel="stylesheet" href="cart.css">
</head>
<body>
   <header>
      <div class="logo">
         <img src="https://static.vecteezy.com/system/resources/previews/016/716/458/original/spotify-icon-free-png.png" alt="Spotify Logo">
      </div>
      <nav>
         <ul>
            <li><a href="#">What do you want to play?</a></li>
            <li><a href="#">Home</a></li>
            <li><a href="#">Cart</a></li>
            <li><a href="#">Premium</a></li>
         </ul>
      </nav>
   </header>

   <div class="cart-container">
      <div class="plan mini">
         <h2>Mini</h2>
         <p><strong>₹19</strong> for 1 week</p>
         <ul>
            <li>Mobile-only Premium account</li>
            <li>Offline listening of up to 30 songs on 1 device</li>
            <li>One-time payment</li>
            <li>Basic audio quality</li>
         </ul>
         <button onclick="addToCart('Mini', 19)">Get Premium Mini</button>
      </div>

      <div class="plan individual">
         <h2>Individual</h2>
```

```html
      <p><strong>₹119</strong> for 2 months</p>
      <p>₹119/month after</p>
      <ul>
         <li>1 Premium account</li>
         <li>Cancel anytime</li>
         <li>Subscribe or one-time payment</li>
      </ul>
      <button onclick="addToCart('Individual', 119)">Get Premium Individual</button>
      <button class="secondary" onclick="addToCart('Individual One-time',
119)">One-time payment</button>
   </div>

   <div class="plan family">
      <h2>Family</h2>
      <p><strong>₹179</strong> for 2 months</p>
      <p>₹179/month after</p>
      <ul>
         <li>Up to 6 Premium accounts</li>
         <li>Control content marked as explicit</li>
         <li>Cancel anytime</li>
         <li>Subscribe or one-time payment</li>
      </ul>
      <button onclick="addToCart('Family', 179)">Get Premium Family</button>
      <button class="secondary" onclick="addToCart('Family One-time',
179)">One-time payment</button>
   </div>
 </div>

 <div class="cart-details">
    <h2>Your Cart</h2>
    <table>
      <thead>
        <tr>
           <th>Plan</th>
           <th>Quantity</th>
           <th>Price</th>
        </tr>
      </thead>
      <tbody id="cart-body">
      </tbody>
    </table>
 </div>
```

```html
    <footer>
      <p>23071A05Q0</p>
    </footer>

    <script>
      let cart = {};

      function addToCart(plan, price) {
        if (cart[plan]) {
          cart[plan].quantity += 1;
        } else {
          cart[plan] = { quantity: 1, price: price };
        }
        updateCart();
      }

      function updateCart() {
        const cartBody = document.getElementById('cart-body');
        cartBody.innerHTML = '';
        for (const plan in cart) {
          let row = `<tr>
            <td>${plan}</td>
            <td>${cart[plan].quantity}</td>
            <td>₹${cart[plan].quantity * cart[plan].price}</td>
          </tr>`;
          cartBody.innerHTML += row;
        }
      }
    </script>
  </body>
</html>
```

CSS

```css
body {
   font-family: Arial, sans-serif;
   background-color: #121212;
   color: white;
   margin: 0;
   padding: 0;
}

header {
   width: 90%;
```

```css
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 15px 30px;
    background-color: #181818;
    box-shadow: 0px 4px 8px rgba(255, 255, 255, 0.1);
    position: fixed;
    top: 0;
    left: 0;
    right: 0;
}
.logo img {
    height: 40px;
}

nav ul {
    list-style: none;
    display: flex;
}

nav ul li {
    margin: 0 15px;
}

nav ul li a {
    color: white;
    text-decoration: none;
    font-size: 16px;
}

nav a {
    color: white;
    text-decoration: none;
    margin-left: 15px;
}

.cart-container {
    display: flex;
    justify-content: center;
    gap: 20px;
    margin: 20px;
    flex-wrap: wrap;
    padding: 65px;
```

```css
    }

    .plan {
        background-color: #282828;
        padding: 20px;
        border-radius: 10px;
        width: 300px;
        text-align: center;
    }

    .plan h2 {
        color: #1db954;
    }

    .plan ul {
        text-align: left;
        padding-left: 20px;
    }

    button {
        background-color: #1db954;
        color: white;
        border: none;
        padding: 10px;
        margin-top: 10px;
        border-radius: 5px;
        cursor: pointer;
    }

    button.secondary {
        background-color: transparent;
        border: 1px solid white;
    }

    .cart-details {
        background-color: #222;
        padding: 10px;
        margin: 50px auto;
        width: 80%;
        border-radius: 10px;
        text-align: center;
    }
```

```css
.cart-details table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 10px;
    padding-top: 30px;
}

.cart-details th, .cart-details td {
    border: 1px solid white;
    padding: 10px;
}

.cart-details th {
    background-color: #1db954;
}
footer {
    position: absolute;
    bottom: 10px;
    font-size: 14px;
    text-align: center;
    margin: auto;
    opacity: 0.5;
}
```

What do you want to play?   Home   Cart   Premium

Mini

₹19 for 1 week

- Mobile-only Premium account
- Offline listening of up to 30 songs on 1 device
- One-time payment
- Basic audio quality

Get Premium Mini

Individual

₹119 for 2 months

₹119/month after

- 1 Premium account
- Cancel anytime
- Subscribe or one-time payment

Get Premium Individual   One-time payment

Family

₹179 for 2 months

₹179/month after

- Up to 6 Premium accounts
- Control content marked as explicit
- Cancel anytime
- Subscribe or one-time payment

Get Premium Family   One-time payment

Your Cart

Plan	Quantity	Price

23071A05Q0

VNR VJIET	Name of the Experiment:_____
Name of the Laboratory:	
_____	Experiment No:_____ Date:_____

CART PAGE USING BOOTSTRAP

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Spotify Cart</title>
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body class="bg-dark text-white">

    <header class="d-flex justify-content-between align-items-center p-3 bg-secondary
fixed-top">
        <div class="logo">
            <img
src="https://static.vecteezy.com/system/resources/previews/016/716/458/original/spotify-icon
-free-png.png" alt="Spotify Logo" height="40">
        </div>
        <nav>
            <ul class="nav">
                <li class="nav-item"><a class="nav-link text-white" href="#">What do you want to
play?</a></li>
                <li class="nav-item"><a class="nav-link text-white" href="#">Home</a></li>
                <li class="nav-item"><a class="nav-link text-white" href="#">Cart</a></li>
                <li class="nav-item"><a class="nav-link text-white" href="#">Premium</a></li>
            </ul>
        </nav>
    </header>

    <div class="container mt-5 pt-5">
        <div class="row justify-content-center">
            <div class="col-md-4 mb-4">
                <div class="card bg-dark text-white">
                    <div class="card-body text-center">
                        <h2 class="card-title text-success">Mini</h2>
                        <p><strong>₹19</strong> for 1 week</p>
                        <ul class="list-unstyled">
                            <li>Mobile-only Premium account</li>
                            <li>Offline listening of up to 30 songs on 1 device</li>
                            <li>One-time payment</li>
```

```html
            <li>Basic audio quality</li>
          </ul>
          <button class="btn btn-success" onclick="addToCart('Mini', 19)">Get Premium Mini</button>
        </div>
      </div>
    </div>

    <div class="col-md-4 mb-4">
      <div class="card bg-dark text-white">
        <div class="card-body text-center">
          <h2 class="card-title text-success">Individual</h2>
          <p><strong>₹119</strong> for 2 months</p>
          <p>₹119/month after</p>
          <ul class="list-unstyled">
            <li>1 Premium account</li>
            <li>Cancel anytime</li>
            <li>Subscribe or one-time payment</li>
          </ul>
          <button class="btn btn-success" onclick="addToCart('Individual', 119)">Get Premium Individual</button>
          <button class="btn btn-outline-light mt-2" onclick="addToCart('Individual One-time', 119)">One-time payment</button>
        </div>
      </div>
    </div>

    <div class="col-md-4 mb-4">
      <div class="card bg-dark text-white">
        <div class="card-body text-center">
          <h2 class="card-title text-success">Family</h2>
          <p><strong>₹179</strong> for 2 months</p>
          <p>₹179/month after</p>
          <ul class="list-unstyled">
            <li>Up to 6 Premium accounts</li>
            <li>Control content marked as explicit</li>
            <li>Cancel anytime</li>
            <li>Subscribe or one-time payment</li>
          </ul>
          <button class="btn btn-success" onclick="addToCart('Family', 179)">Get Premium Family</button>
          <button class="btn btn-outline-light mt-2" onclick="addToCart('Family One-time', 179)">One-time payment</button>
```

```
                </div>
              </div>
            </div>
        </div>

        <div class="cart-details mt-5">
            <h2>Your Cart</h2>
            <table class="table table-dark table-bordered">
                <thead>
                    <tr>
                        <th>Plan</th>
                        <th>Quantity</th>
                        <th>Price</th>
                    </tr>
                </thead>
                <tbody id="cart-body">
                </tbody>
            </table>
        </div>
    </div>
```


₹19 for 1 week

- Mobile-only Premium account
- Offline listening of up to 30 songs on 1 device
- One-time payment
- Basic audio quality

Get Premium Mini

₹119 for 2 months

₹119/month after

- 1 Premium account
- Cancel anytime
- Subscribe or one-time payment

Get Premium Individual   One-time payment

₹179 for 2 months

₹179/month after

- Up to 6 Premium accounts
- Control content marked as explicit
- Cancel anytime
- Subscribe or one-time payment

Get Premium Family   One-time payment

What do you want to play?   Home   Cart   Premium

Your Cart

Plan	Quantity	Price
Individual	1	₹119