Name of the Laboratory:

Name of the Experiment:		
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Evneriment No.	Date	

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

```
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">
src="https://static.vecteezy.com/system/resources/previews/016/716/458/original/spotif
y-icon-free-png.png" alt="Spotify Logo">
    </div>
    <nav>
      <a href="#">What do you want to play?</a>
         <a href="#">Home</a>
         <a href="#">Cart</a>
         <a href="#">Premium</a>
      </nav>
  </header>
  <div class="cart-container">
    <div class="plan mini">
      <h2>Mini</h2>
      <strong>₹19</strong> for 1 week
      Mobile-only Premium account
         Offline listening of up to 30 songs on 1 device
         One-time payment
         Basic audio quality
      <button onclick="addToCart('Mini', 19)">Get Premium Mini/button>
    </div>
    <div class="plan individual">
      <h2>Individual</h2>
```

Name of the Experiment:		
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Experiment No:	Date:	117

```
<strong>₹119</strong> for 2 months
     ₹119/month after
     1 Premium account
       Cancel anytime
       Subscribe or one-time payment
     <button onclick="addToCart('Individual', 119)">Get Premium Individual/button>
     <button class="secondary" onclick="addToCart('Individual One-time',</pre>
119)">One-time payment</button>
   </div>
   <div class="plan family">
     <h2>Family</h2>
     <strong>₹179</strong> for 2 months
     ₹179/month after
     Up to 6 Premium accounts
       Control content marked as explicit
       Cancel anytime
       Subscribe or one-time payment
     <button onclick="addToCart('Family', 179)">Get Premium Family/button>
     <button class="secondary" onclick="addToCart('Family One-time',</pre>
179)">One-time payment</button>
   </div>
 </div>
 <div class="cart-details">
   <h2>Your Cart</h2>
   <thead>
       Plan
         Quantity
         Price
       </thead>
     </div>
```

Name of the Experiment:	
Experiment No:Date:_	

```
<footer>
     23071A05Q0
  </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 = `
            ${plan}
            ${cart[plan].quantity}
            ₹${cart[plan].quantity * cart[plan].price}
         `;
         cartBody.innerHTML += row;
       }
    }
  </script>
</body>
</html>
CSS
body {
  font-family: Arial, sans-serif;
  background-color: #121212;
  color: white;
  margin: 0;
  padding: 0;
}
header {
  width: 90%;
```

Name of the Experiment:		
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Experiment No.	Data	

```
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;
```

Name of the Experiment:		
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Experiment No.	Dotos	

```
}
.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;
}
```

Name of the Laboratory:

Name of the Experiment:______

Experiment No:_____Date:_____

```
.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;
```

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

Mini

Individual

₹119 for 2 months

₹119/month after

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

Get Premium Mini

One-time payment

Get Premium Family

Family

₹179 for 2 months

₹179/month after

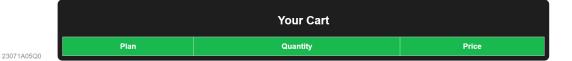
• Up to 6 Premium accounts
• Control content marked as explicit
• Cancel anytime
• Subscribe or one-time payment

Get Premium Family

One-time payment

Get Premium Family

One-time payment



Name of the Laboratory:

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Experiment No.	Date	

CART PAGE USING BOOTSTRAP

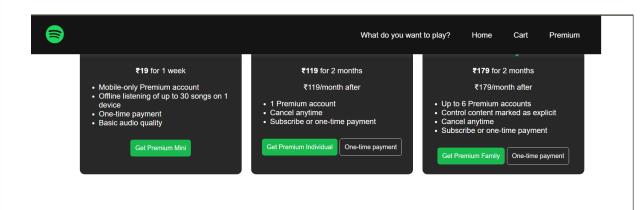
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Spotify Cart</title>
  k rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
</head>
<body class="bg-dark text-white">
  <header class="d-flex justify-content-between align-items-center p-3 bg-secondary</p>
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">
         <a class="nav-link text-white" href="#">What do you want to
play?</a>
         class="nav-item"><a class="nav-link text-white" href="#">Home</a>
         <a class="nav-link text-white" href="#">Cart</a>
         <a class="nav-link text-white" href="#">Premium</a>
      </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>
             <strong>₹19</strong> for 1 week
             ul class="list-unstyled">
               Mobile-only Premium account
               Offline listening of up to 30 songs on 1 device
               One-time payment
```

Name of the Experiment:		
_		
Experiment No:	Date:	

```
Basic audio quality
             <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>
             <strong>₹119</strong> for 2 months
             ₹119/month after
             ul class="list-unstyled">
                1 Premium account
               Cancel anytime
               Subscribe or one-time payment
             <button class="btn btn-success" onclick="addToCart('Individual', 119)">Get
Premium Individual</button>
             <button class="btn btn-outline-light mt-2" onclick="addToCart('Individual</pre>
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>
             <strong>₹179</strong> for 2 months
             ₹179/month after
             ul class="list-unstyled">
                Up to 6 Premium accounts
               Control content marked as explicit
               Cancel anytime
                Subscribe or one-time payment
             <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>
```

Name of the Experiment:	
•	
Experiment No:Date	

```
</div>
   </div>
  </div>
 </div>
 <div class="cart-details mt-5">
  <h2>Your Cart</h2>
  <thead>
     Plan
      Quantity
      Price
     </thead>
   </div>
</div>
```



Your Cart		
Quantity	Price	
1	₹119	