Documentation for Bree Porter Author Website

This document provides detailed documentation for the code used to create an author website for Bree Porter. The website includes features such as browsing books, a cart system for shopping, a newsletter signup form, and links to social media. The implementation consists of HTML, CSS, and JavaScript files.

1. HTML Code

The HTML file provides the structure of the website, including sections for the homepage, featured book, cart, and newsletter signup. Below is the full HTML code used.

```html
<!DOCTYPE html>
<html lang="en">
<head>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <title>Bree Porter - Author</title>
 <link rel="stylesheet" href="styles.css">
 <script defer src="script.js"></script>
</head>
<body>
 <header>
   <h1>Bree Porter's Universe</h1>
   <p>Welcome to the world of gripping tales and unforgettable characters.</p>
 </header>

 <main>
   <!-- Featured Book Section -->
   <section class="featured-book">
    <h2>Newest Release</h2>
    <div class="book-advertisement">
      <img src="courting-augustine.jpg" alt="Courting Augustine">
      <p><strong>Courting Augustine</strong> by Bree Porter</p>
      <a href="https://www.amazon.com" target="_blank" class="button">Preorder on Amazon</a>
    </div>
   </section>

   <!-- Browse Books Section -->
```

```html
    <section class="browse-books">
      <button id="browse-books-button" class="button">Browse Books</button>
    </section>

    <!-- Cart Section -->
    <section class="cart">
      <h2>Your Cart</h2>
      <div id="cart-items">
        <p>Your cart is empty.</p>
      </div>
      <button id="checkout-button" class="button hidden">Checkout</button>
    </section>

    <!-- Newsletter Signup Section -->
    <section class="newsletter">
      <h2>Stay Updated</h2>
      <p>Sign up for Bree Porter's newsletter to get the latest updates and offers.</p>
      <form id="newsletter-form">
        <label for="name">Name:</label>
        <input type="text" id="name" name="name" required>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
        <button type="submit" class="button">Sign Up</button>
      </form>
    </section>

    <!-- Official and Social Links -->
    <footer>
      <h2>Official and Social Links</h2>
      <div class="social-links">
        <a href="#" target="_blank">Goodreads</a>
        <a href="#" target="_blank">Amazon</a>
        <a href="#" target="_blank">Pinterest</a>
        <a href="#" target="_blank">Facebook</a>
        <a href="#" target="_blank">TikTok</a>
        <a href="#" target="_blank">Instagram</a>
      </div>
    </footer>
  </main>
</body>
```

```
</html>
```

2. CSS Code

The CSS file provides the styling for the website, including colors, layout, and responsive design. Below is the full CSS code.

```css
/* General Styling */
body {
  font-family: 'Arial', sans-serif;
  background-color: #0f1f16;
  color: #e6e6e6;
  margin: 0;
  padding: 0;
  line-height: 1.6;
}

h1, h2 {
  color: #2b7a66;
  text-align: center;
}

.hidden {
  display: none;
}

/* Header */
header {
  background-color: #2b2b2b;
  padding: 20px;
}

header p {
  text-align: center;
  font-size: 1.2em;
}

/* Featured Book */
.featured-book {
  text-align: center;
```

```css
  padding: 20px;
}

.book-advertisement img {
  width: 200px;
  border: 2px solid #2b7a66;
  margin: 10px;
}

.button {
  display: inline-block;
  background-color: #2b7a66;
  color: #e6e6e6;
  padding: 10px 20px;
  text-decoration: none;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}

.button:hover {
  background-color: #21997d;
}

/* Cart Section */
.cart {
  background-color: #2b2b2b;
  padding: 20px;
  margin: 20px auto;
  max-width: 600px;
}

#cart-items {
  padding: 10px;
  border: 1px solid #2b7a66;
  border-radius: 5px;
  margin-bottom: 10px;
}

/* Newsletter Section */
```

```css
.newsletter {
  background-color: #2b2b2b;
  padding: 20px;
  text-align: center;
}

.newsletter input {
  margin: 10px;
  padding: 10px;
  border: 1px solid #2b7a66;
  border-radius: 5px;
}

.newsletter button {
  margin-top: 10px;
}

/* Footer */
footer {
  background-color: #2b2b2b;
  padding: 20px;
}

footer .social-links {
  text-align: center;
}

footer .social-links a {
  margin: 5px;
  color: #2b7a66;
  text-decoration: none;
}

footer .social-links a:hover {
  text-decoration: underline;
}
```

3. JavaScript Code

The JavaScript file adds interactivity to the website, including cart functionality and event handling for navigation and the newsletter signup form. Below is the full JavaScript code.

```javascript
document.addEventListener('DOMContentLoaded', () => {
  const browseBooksButton = document.getElementById('browse-books-button');
  const cartItems = document.getElementById('cart-items');
  const checkoutButton = document.getElementById('checkout-button');
  let cart = [];

  // Navigate to the browse books page
  browseBooksButton.addEventListener('click', () => {
    window.location.href = './browse-books.html';
  });

  // Add a book to the cart
  function addToCart(book) {
    const existingBook = cart.find((item) => item.title === book.title);
    if (existingBook) {
      existingBook.quantity += 1;
    } else {
      cart.push({ ...book, quantity: 1 });
    }
    updateCartUI();
  }

  // Remove a book from the cart
  function removeFromCart(bookTitle) {
    cart = cart.filter((item) => item.title !== bookTitle);
    updateCartUI();
  }

  // Update the cart UI
  function updateCartUI() {
    if (cart.length === 0) {
      cartItems.innerHTML = '<p>Your cart is empty.</p>';
      checkoutButton.classList.add('hidden');
    } else {
      cartItems.innerHTML = cart
```

```javascript
        .map(
          (item) => `
        <div class="cart-item">
          <span>${item.title} (x${item.quantity})</span>
          <button onclick="removeFromCart('${item.title}')">Remove</button>
        </div>
      `
        )
        .join('');
      checkoutButton.classList.remove('hidden');
    }
  }

  // Checkout button
  checkoutButton.addEventListener('click', () => {
    alert('Thank you for your purchase!');
    cart = [];
    updateCartUI();
  });

  // Expose functions to the global scope for buttons
  window.addToCart = addToCart;
  window.removeFromCart = removeFromCart;

  // Newsletter form
  const newsletterForm = document.getElementById('newsletter-form');
  newsletterForm.addEventListener('submit', (e) => {
    e.preventDefault();
    alert('Thank you for signing up for our newsletter!');
    newsletterForm.reset();
  });
});
```