# HTML

## INDEX.HTML

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Custom Product Pack</title>

    <!-- Link to Bootstrap CSS -->

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="styles.css">

</head>

<body>

    <!-- Navigation Bar -->

    <nav class="navbar navbar-dark bg-dark">

        <!-- Use responsive utility classes to control alignment -->

        <a class="navbar-brand mx-lg-auto" href="#">Chocolate Factory</a>

        <div class="icons">

            <a href="#" class="profile-icon"><i class="fas fa-user"></i></a>

            <a href="cart.html" class="cart-icon"><i class="fas fa-shopping-cart"></i></a>

        </div>

    </nav>

    <div class="container mt-5">

        <div class="row">

            <!-- Product cards go here -->

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-16\_1024x1024.png" class="card-img-top img-fluid" alt="Product 1">

                    <div class="card-body">

                        <h5 class="card-title">Whittaker's</h5>

                        <p class="card-text">Price: $10.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(0)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-10\_1024x1024.png" class="card-img-top img-fluid" alt="Product 2">

                    <div class="card-body">

                        <h5 class="card-title">Toblerone</h5>

                        <p class="card-text">Price: $12.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(1)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-14\_1024x1024.png" class="card-img-top img-fluid" alt="Product 3">

                    <div class="card-body">

                        <h5 class="card-title">Hershey's</h5>

                        <p class="card-text">Price: $8.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(2)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <!-- Add more product cards here -->

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-05\_1024x1024.png" class="card-img-top img-fluid" alt="Product 4">

                    <div class="card-body">

                        <h5 class="card-title">m&m's</h5>

                        <p class="card-text">Price: $9.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(3)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-11\_1024x1024.png?v=1667373979" class="card-img-top img-fluid" alt="Product 5">

                    <div class="card-body">

                        <h5 class="card-title">Maltesers</h5>

                        <p class="card-text">Price: $11.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(4)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-04\_1024x1024.png" class="card-img-top img-fluid" alt="Product 6">

                    <div class="card-body">

                        <h5 class="card-title">KitKat</h5>

                        <p class="card-text">Price: $7.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(5)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/Chupa\_\_\_\_200x300\_aac4f742-b020-411a-84a2-7e383fe5f41d\_1024x1024.png" class="card-img-top img-fluid" alt="Product 7">

                    <div class="card-body">

                        <h5 class="card-title">Chupa Chups</h5>

                        <p class="card-text">Price: $13.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(6)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/Werthers\_\_\_\_200x300\_69d6a938-d792-4e25-91dc-6c0e3c6e359e\_1024x1024.png" class="card-img-top img-fluid" alt="Product 8">

                    <div class="card-body">

                        <h5 class="card-title">Werther's Original</h5>

                        <p class="card-text">Price: $6.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(7)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-03\_1024x1024.png" class="card-img-top img-fluid" alt="Product 9">

                    <div class="card-body">

                        <h5 class="card-title">Godiva</h5>

                        <p class="card-text">Price: $14.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(8)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-02\_1024x1024.png" class="card-img-top img-fluid" alt="Product 10">

                    <div class="card-body">

                        <h5 class="card-title">E. Wedel</h5>

                        <p class="card-text">Price: $5.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(9)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300\_Lindt-25\_1024x1024.png" class="card-img-top img-fluid" alt="Product 11">

                    <div class="card-body">

                        <h5 class="card-title">Lindt</h5>

                        <p class="card-text">Price: $16.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(10)">Add to Pack</button>

                    </div>

                </div>

            </div>

            <div class="col-md-4">

                <div class="card mb-4">

                    <img src="https://cococart.in/cdn/shop/files/200x300-01\_1024x1024.png" class="card-img-top img-fluid" alt="Product 12">

                    <div class="card-body">

                        <h5 class="card-title">Cadbury</h5>

                        <p class="card-text">Price: $4.99</p>

                        <button class="btn btn-primary" onclick="addToCustomPack(11)">Add to Pack</button>

                    </div>

                </div>

            </div>

        </div>

    </div>

    <div id="toast"></div>

    <footer class="copyright-footer text-center">

        <p>&copy; 2023 Harshit Srivastava.</p>

    </footer>

    <!-- Link to Bootstrap JS and Popper.js -->

    <script src="https://kit.fontawesome.com/d185211dd1.js" crossorigin="anonymous"></script>

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@1.16.0/dist/umd/popper.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

    <script src="script.js"></script>

</body>

</html>

## CART.HTML

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Cart</title>

    <!-- Link to Bootstrap CSS -->

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="styles.css">

</head>

<body>

    <!-- Navigation Bar -->

    <nav class="navbar navbar-dark bg-dark">

        <!-- Use responsive utility classes to control alignment -->

        <a class="navbar-brand mx-lg-auto" href="index.html">Chocolate Factory</a>

        <div class="icons">

            <a href="#" class="profile-icon"><i class="fas fa-user"></i></a>

        </div>

    </nav>

    <div class="container mt-5">

        <div class="cart">

            <h2>Your Custom Pack</h2>

            <ul class="list-group" id="custom-pack">

                <!-- Selected products go here -->

            </ul>

            <p class="btn btn-dark total">Total Price: $<span id="total-price">0.00</span></p>

            <button id="empty-cart" class="btn btn-danger" onclick="emptyCart()">Empty Cart</button>

        </div>

    </div>

    <!-- Link to Bootstrap JS and Popper.js -->

    <script src="https://kit.fontawesome.com/d185211dd1.js" crossorigin="anonymous"></script>

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@1.16.0/dist/umd/popper.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

    <!-- Your JavaScript file -->

    <script src="cart-script.js"></script>

</body>

</html>

# CSS

/\* Dark mode styles \*/

body {

    text-align: center;

}

.dark-mode {

    background-color: #141E46;

    color: #FFF5E0;

}

.navbar-dark {

    background-color: #141E46 !important;

}

.card {

    background-color: #FFF5E0;

    color: #141E46;

    border: none;

}

.card-title {

    color: #141E46;

}

.card-text {

    color: #141E46;

}

.btn-primary {

    background-color: #BB2525;

    border: none;

    color: #FFF5E0;

}

.btn-primary:hover {

    background-color: #FF6969;

    color: #FFF5E0;

}

/\* Style for dynamic card images \*/

.card-img-top {

    max-width: 100%; /\* Ensure the image doesn't exceed the card width \*/

    height: auto; /\* Automatically adjust the image height \*/

}

.cart-icon{

    z-index: 1;

    position: fixed;

    bottom: 30px;

    right: 20px;

    background-color: #141E46;

    padding: 10px 15px 15px 15px !important;

    margin: 0;

    border-radius: 100%;

}

.cart-icon:hover{

    z-index: 1;

    position: fixed;

    bottom: 30px;

    right: 20px;

    color: #141E46;

    background-color: #FFF5E0;

    padding: 10px 15px 15px 15px;

    justify-content: center;

    align-items: center;

    margin: 0;

    border-radius: 100%;

}

.profile-icon,

.cart-icon{

    color: white;

    padding-left: 1.5rem;

}

.total{

    margin: 20px 0 80px 0;

    width: 80vw;

}

.copyright-footer {

    font-size: 0.6rem;

    background-color: #FFF5E0;

    margin: auto 0 0 0; /\* Push the footer to the bottom \*/

    padding: 2px;

    text-align: center;

}

/\* Customize the rest of your styles as needed \*/

# JAVASCRIPT

## SCRIPT.JS

// Sample product data

const products = [

    { name: "Whittaker's", price: 10.99 },

    { name: "Toblerone", price: 12.99 },

    { name: "Hershey's", price: 8.99 },

    { name: "m&m's", price: 9.99 },

    { name: "Maltesers", price: 11.99 },

    { name: "KitKat", price: 7.99 },

    { name: "Chupa Chups", price: 13.99 },

    { name: "Werther's Original", price: 6.99 },

    { name: "Godiva", price: 14.99 },

    { name: "E. Wedel", price: 5.99 },

    { name: "Lindt", price: 16.99 },

    { name: "Cadbury", price: 4.99 }

];

// Initialize variables

const customPack = [];

let totalPrice = 0;

// Function to render products

function renderProducts() {

    const productsDiv = document.querySelector(".products");

    productsDiv.innerHTML = "";

    products.forEach((product, index) => {

        const card = document.createElement("div");

        card.classList.add("product-card");

        card.innerHTML = `

            <img src="product${index + 1}.jpg" alt="${product.name}">

            <h3>${product.name}</h3>

            <p>Price: $${product.price.toFixed(2)}</p>

            <button onclick="addToCustomPack(${index})">Add to Pack</button>

        `;

        productsDiv.appendChild(card);

    });

}

// Function to add product to custom pack

function addToCustomPack(index) {

    if (customPack.length >= 8) {

        alert("You can't add more than 8 products.");

        return;

    }

    const selectedProduct = products[index];

    customPack.push(selectedProduct);

    totalPrice += selectedProduct.price;

    // Store cart data in localStorage

    localStorage.setItem('cartItems', JSON.stringify(customPack));

    localStorage.setItem('totalPrice', totalPrice);

    // Update total price in the cart

    const totalPriceElement = document.querySelector("#total-price");

    totalPriceElement.textContent = totalPrice.toFixed(2);

    // Display a toast message

    showToast("Product added to custom pack.");

}

// Function to display a toast message

function showToast(message) {

    const toast = document.getElementById("toast");

    toast.textContent = message;

    toast.className = "show";

    setTimeout(function () {

        toast.className = toast.className.replace("show", "");

    }, 3000);

}

// Initialize the UI

window.onload = function () {

    renderProducts();

};

## CART-SCRIPT.JS

// cart-script.js

// Function to display custom pack in cart.html

function displayCustomPack() {

    // Retrieve custom pack items and total price from localStorage

    const customPack = JSON.parse(localStorage.getItem('cartItems')) || [];

    const totalPrice = parseFloat(localStorage.getItem('totalPrice')) || 0;

    // Update the cart section in cart.html

    const customPackList = document.querySelector("#custom-pack");

    const totalPriceElement = document.querySelector("#total-price");

    customPackList.innerHTML = "";

    customPack.forEach(product => {

        const listItem = document.createElement("li");

        listItem.textContent = `${product.name} - $${product.price.toFixed(2)}`;

        listItem.classList.add("list-group-item"); // Add the list-group-item class

        customPackList.appendChild(listItem);

    });

    totalPriceElement.textContent = totalPrice.toFixed(2);

}

// Function to empty the cart

function emptyCart() {

    localStorage.removeItem('cartItems');

    localStorage.removeItem('totalPrice');

    displayCustomPack();

}

// Call the function to display custom pack when cart.html is loaded

window.onload = function () {

    displayCustomPack();

};