**Product Requirement Document: CertifySecure Checkout Page enhanced prompt:**

Product Name: CertifySecure

Description:

CertifySecure is a reliable certificate authority platform that provides users with a seamless checkout experience for purchasing digital certificates. After selecting a service, users are redirected to a dedicated checkout page.

Key UI Components:

1. Header:

- Logo: "SecureCertify"

- Navigation Links: (Home, Products & Services, Support, Contact Us, Login (button))

2. Cart Summary Section:

- Rendered list of selected products with details (product name, quantity, price)

- Option to delete individual items or adjust quantities

3. Total Calculation:

- Dynamic display of the total amount for all items in the cart

4. Action Buttons:

- "Add More Products" Button - Redirects back to services page

- "Proceed to Payment" Button - Sends a structured message to the external payment processor with the following:

- List of products (name, amount per item)

- Total amount due

5. User Instructions:

- Clear instructions on the payment process and security measures

6. Footer:

- Columns:

- Column 1: "SecureCertify" logo with social media links (LinkedIn, YouTube, Instagram).

- Column 2: "Policies and Procedures."

- Column 3: "Support."

- Column 4: "Contact Us" (email and phone number).

- Additional: "© 2025 SecureCertify. All rights reserved." with links to Privacy Policy and Terms of Service on the far right.

This layout ensures a user-friendly experience while maintaining a clear path to finalize purchases securely through a trusted external payment processor.

**Code:**

import React from 'react';

import { Trash2, Shield, Lock, Clock, Linkedin, Youtube, Instagram, Mail, Phone } from 'lucide-react';

const CertifySecureCheckout = () => {

const [cartItems, setCartItems] = React.useState([

{

id: 1,

name: 'SSL Certificate - Premium',

validity: '1-year validity',

quantity: 1,

price: 299.99

}

]);

const calculateSubtotal = () => {

return cartItems.reduce((total, item) => total + (item.price \* item.quantity), 0);

};

const calculateTax = () => {

return 30.00;

};

const calculateTotal = () => {

return calculateSubtotal() + calculateTax();

};

const updateQuantity = (id, newQuantity) => {

if (newQuantity < 1) return;

setCartItems(items =>

items.map(item =>

item.id === id ? { ...item, quantity: newQuantity } : item

)

);

};

return (

<div className="min-h-screen flex flex-col bg-gray-50">

{/\* Header \*/}

<header className="bg-white shadow-sm">

<div className="max-w-7xl mx-auto px-4 py-4 flex items-center justify-between">

<a href="/" className="text-2xl font-bold text-blue-600">SecureCertify</a>

<nav className="flex items-center space-x-8">

<a href="#" className="text-gray-600 hover:text-gray-900">Home</a>

<a href="#" className="text-gray-600 hover:text-gray-900">Products & Services</a>

<a href="#" className="text-gray-600 hover:text-gray-900">Support</a>

<a href="#" className="text-gray-600 hover:text-gray-900">Contact Us</a>

<button className="bg-blue-600 text-white px-4 py-2 rounded hover:bg-blue-700">

Login

</button>

</nav>

</div>

</header>

{/\* Main Content \*/}

<main className="flex-grow py-8">

<div className="max-w-7xl mx-auto px-4">

<div className="grid grid-cols-12 gap-8">

{/\* Left Column \*/}

<div className="col-span-8 space-y-6">

{/\* Cart Summary \*/}

<div className="bg-white rounded-lg shadow p-6">

<h2 className="text-xl font-bold mb-4">Cart Summary</h2>

{cartItems.map(item => (

<div key={item.id} className="border rounded-lg p-4">

<div className="flex items-center justify-between">

<div>

<h3 className="font-medium">{item.name}</h3>

<p className="text-gray-500">{item.validity}</p>

</div>

<div className="flex items-center space-x-4">

<button

onClick={() => updateQuantity(item.id, item.quantity - 1)}

className="px-2 text-gray-600 hover:text-gray-900"

>

-

</button>

<span>{item.quantity}</span>

<button

onClick={() => updateQuantity(item.id, item.quantity + 1)}

className="px-2 text-gray-600 hover:text-gray-900"

>

+

</button>

<span className="font-medium">${item.price}</span>

<button className="text-red-500 hover:text-red-700">

<Trash2 size={18} />

</button>

</div>

</div>

</div>

))}

</div>

{/\* Payment Instructions \*/}

<div className="bg-white rounded-lg shadow p-6">

<h2 className="text-xl font-bold mb-4">Payment Instructions</h2>

<ul className="space-y-4">

<li className="flex items-center space-x-3">

<Shield className="text-blue-600" size={20} />

<span className="text-gray-600">All payments are processed through secure payment gateways</span>

</li>

<li className="flex items-center space-x-3">

<Lock className="text-blue-600" size={20} />

<span className="text-gray-600">Your payment information is encrypted and never stored</span>

</li>

<li className="flex items-center space-x-3">

<Clock className="text-blue-600" size={20} />

<span className="text-gray-600">Certificates are issued within 24 hours of payment confirmation</span>

</li>

</ul>

</div>

</div>

{/\* Right Column - Order Summary \*/}

<div className="col-span-4">

<div className="bg-white rounded-lg shadow p-6">

<h2 className="text-xl font-bold mb-4">Order Summary</h2>

<div className="space-y-4">

<div className="flex justify-between">

<span className="text-gray-600">Subtotal</span>

<span>${calculateSubtotal().toFixed(2)}</span>

</div>

<div className="flex justify-between">

<span className="text-gray-600">Tax</span>

<span>${calculateTax().toFixed(2)}</span>

</div>

<div className="flex justify-between font-bold pt-4 border-t">

<span>Total</span>

<span>${calculateTotal().toFixed(2)}</span>

</div>

</div>

<button className="w-full bg-blue-600 text-white py-3 rounded mt-6 hover:bg-blue-700">

Proceed to Payment

</button>

<button className="w-full border border-blue-600 text-blue-600 py-3 rounded mt-4 hover:bg-blue-50">

Add More Products

</button>

</div>

</div>

</div>

</div>

</main>

{/\* Footer \*/}

<footer className="bg-gray-900 text-white mt-auto">

<div className="max-w-7xl mx-auto px-4 py-12">

<div className="grid grid-cols-4 gap-8">

{/\* Column 1 \*/}

<div>

<h3 className="text-xl font-bold mb-4">SecureCertify</h3>

<div className="flex space-x-4">

<a href="#" className="hover:text-gray-300">

<Linkedin size={20} />

</a>

<a href="#" className="hover:text-gray-300">

<Youtube size={20} />

</a>

<a href="#" className="hover:text-gray-300">

<Instagram size={20} />

</a>

</div>

</div>

{/\* Column 2 \*/}

<div>

<h3 className="text-lg font-semibold mb-4">Policies and Procedures</h3>

<ul className="space-y-2">

<li><a href="#" className="hover:text-gray-300">Terms of Service</a></li>

<li><a href="#" className="hover:text-gray-300">Privacy Policy</a></li>

<li><a href="#" className="hover:text-gray-300">Refund Policy</a></li>

</ul>

</div>

{/\* Column 3 \*/}

<div>

<h3 className="text-lg font-semibold mb-4">Support</h3>

<ul className="space-y-2">

<li><a href="#" className="hover:text-gray-300">Help Center</a></li>

<li><a href="#" className="hover:text-gray-300">Documentation</a></li>

<li><a href="#" className="hover:text-gray-300">FAQs</a></li>

</ul>

</div>

{/\* Column 4 \*/}

<div>

<h3 className="text-lg font-semibold mb-4">Contact Us</h3>

<ul className="space-y-2">

<li className="flex items-center space-x-2">

<Mail size={16} />

<span>support@securecertify.com</span>

</li>

<li className="flex items-center space-x-2">

<Phone size={16} />

<span>+1 (555) 123-4567</span>

</li>

</ul>

</div>

</div>

</div>

{/\* Footer Bottom \*/}

<div className="border-t border-gray-800">

<div className="max-w-7xl mx-auto px-4 py-4 flex justify-between">

<p>© 2025 SecureCertify. All rights reserved.</p>

<div className="space-x-4">

<a href="#" className="hover:text-gray-300">Privacy Policy</a>

<a href="#" className="hover:text-gray-300">Terms of Service</a>

</div>

</div>

</div>

</footer>

</div>

);

};

export default CertifySecureCheckout;