DAY 4: BUILDING DYNAMIC FRONTEND COMPONENTS FOR MARKETPLACE

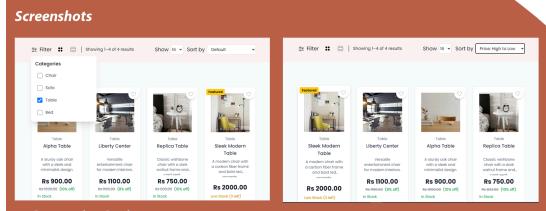
Creator: Ahsan Paracha Slot: Sunday 2-5 Roll No: 0088100

Table of Contents

- 1. Functional Deliverables
 - 1.1. Screenshots/Screen Recordings
 - Product Listing Page with Dynamic Data
 - Individual Product Detail Pages with Dynamic Routing
 - Wishlist Functionality Demonstration
 - Cart Interaction (Animated Cart Slider)
 - Checkout & Order Confirmation Flow
- 2. Code Deliverables
 - 2.1. Key Component Code Snippets
 - ProductCard Component
 - · Display of product image, discount, details, and wishlist actions
 - Shop Component
 - Dynamic routes, filter section, and pagination logic
 - Search Component
 - Implementation of search functionality with dynamic data fetching
 - 2.2. API Integration & Dynamic Routing Scripts
- 3. Documentation
 - 3.1. Feature Implementation Documentation for the E-Commerce Website
 - Overview
 - 1. Search Functionality
 - Implementation & User Flow
 - 2. Wishlist Feature
 - Implementation & User Flow
 - 3. Sanity.io Integration for Product Data
 - Integration into Home & Shop pages
 - 4. Single Product Page with Dynamic Routing
 - Dynamic route generation and SEO benefits
 - 5. Cart Functionality
 - Add-to-Cart flow and animated confirmation
 - 6. Checkout and Order Confirmation Process
 - Checkout flow, order confirmation, and animations
 - 7. Blog Page
 - Current Status & Future Considerations
 - Conclusion

1. Functional Deliverables (Screenshots)

1. Functional Deliverables Product Listing Page: A dynamic page that displays product data (sourced from Sanity.io) with active category filters, a functional search bar, and pagination. Screenshots Show 16 v Sort by Default Chair Wibe Pink Lounge Hans Wegner Nautilus Lounge Chair Style Three-... Chair A sleek outdoor chair with natural wooden elements and a... Rs 1200.00 Rs 1600.00 Rs 990.00 Rs 1450.00

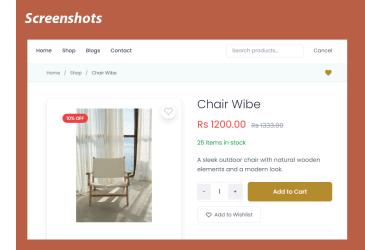


2. Categories Option

3. Sort by and etc

2. Individual Product Detail Pages:

Screenshots of product in the listing navigates to its dedicated page using dynamic routing with accurate data rendering.

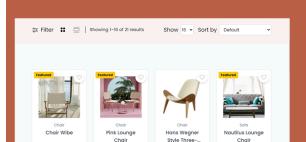


Additional Features:

Screenshots

Rs 1200.00

Wishlist Functionality: The wishlist feature available across all product pages.

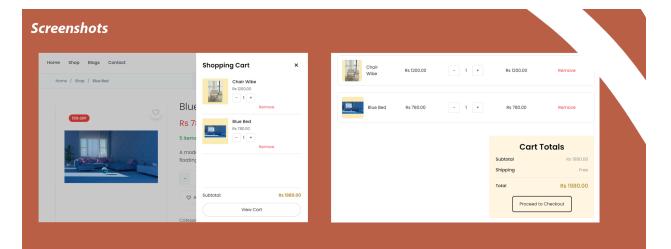


Rs 990.00

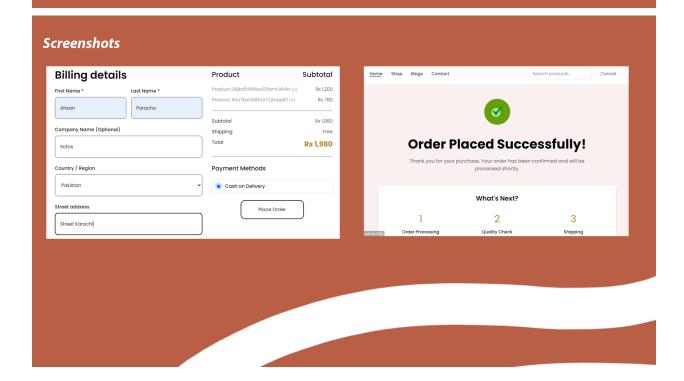
Rs 1450.00

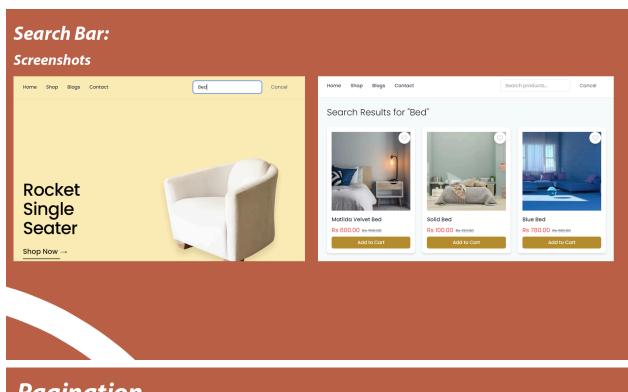


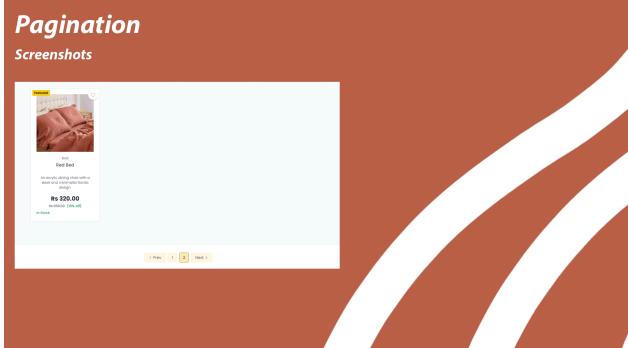
Cart Interactions: Showing the animated cart slider upon adding products, and the seamless redirection to the checkout page.



Checkout & Order Confirmation: Displaying the complete flow from proceeding to checkout to viewing the order confirmation page.







2. Code Deliverables

Key Component Code Snippets

• ProductCard Component:

```
div className="max-w-7xl mx-auto px-4 md:px-8 lg:px-16 py-12 grid lg:grid-cols-2 gap-12
<div className="bg-white rounded-2xl shadow-lg p-8 border border-gray-100 relative">
   onClick={(e) => handleWishlistToggle(e, selectedProduct._id)}
   className="absolute top-4 right-4 z-20 p-2 bg-white rounded-full shadow-lg hover:bg-[#FFF9E5] transition-all"
     className={`w-8 h-8 transition-colors ${
       wishlist.includes(selectedProduct._id)
        : 'text-gray-300 hover:text-[#B88E2F]'
     stroke="currentColor"
     fill="none
     viewBox="0 0 24 24"
      strokeLinecap="round"
       strokeLinejoin="round"
      d="M4.318 6.318a4.5 4.5 0 000 6.364L12 20.36417.682-7.682a4.5 4.5 0 00-6.364-6.364L12 7.6361-1.318-1.318a4.5 4.5 0 00-6.364 0z"
  <div className="relative aspect-square">
     src={imageUrl}
     alt={selectedProduct.name}
     quality={100}
     className="object-contain"
     sizes="(max-width: 768px) 100vw, 50vw"
     <div className="absolute top-4 left-4 bg-red-500 text-white px-3 py-1 rounded-full text-sm font-medium">
<div className="space-y-6">
  <h1 className="text-4xl font-light text-gray-900">{selectedProduct.name}</h1>
  <div className="flex items-baseline gap-4">
    Rs {selectedProduct.price.toFixed(2)}
   {selectedProduct.discountPercentage && (
     Rs {Math.round(selectedProduct.price / (1 - selectedProduct.discountPercentage/100)).toFixed(2)}
   0 ? 'text-green-600' : 'text-red-600'}`}>
   {selectedProduct.stockLevel > 0 ? `${selectedProduct.stockLevel} items in stock` : 'Currently out of stock'}
  {selectedProduct.description}
  <div className="flex flex-wrap gap-4">
   <div className="flex items-center border border-gray-200 rounded-lg overflow-hidden">
```

```
onClick={() => setQuantity(Math.max(1, quantity - 1))}
     className="px-4 py-3 bg-gray-100 hover:bg-gray-200 transition-colors"
   <span className="px-6 py-3 bg-white text-lg">{quantity}</span>
     onClick={() => setQuantity(q => q + 1)}
     className="px-4 py-3 bg-gray-100 hover:bg-gray-200 transition-colors"
   onClick={handleAddToCart}
   disabled={selectedProduct.stockLevel === 0}
   className={`flex-1 px-8 py-4 text-lg font-medium rounded-lg transition-colors ${
       : 'bg-gray-300 text-gray-500 cursor-not-allowed'
   {selectedProduct.stockLevel > 0 ? 'Add to Cart' : 'Out of Stock'}
   onClick={(e) => handleWishlistToggle(e, selectedProduct._id)}
   className={`flex items-center gap-2 px-6 py-3 rounded-lg border transition-colors ${
     wishlist.includes(selectedProduct._id)
       : 'border-gray-200 hover:border-[#B88E2F] text-gray-600'
     className={`w-5 h-5 ${
     viewBox="0 0 24 24"
     stroke="currentColor"
       strokeLinecap="round"
       strokeLinejoin="round"
       strokeWidth={2}
       d="M4.318 6.318a4.5 4.5 0 000 6.364L12 20.36417.682-7.682a4.5 4.5 0 00-6.364-6.364L12 7.6361-1.318-1.318a4.5 4.5 0 00-6.364 0z"
   {wishlist.includes(selectedProduct._id) ? 'In Wishlist' : 'Add to Wishlist'}
<div className="space-y-3 pt-6 border-t border-gray-200">
  <div className="flex justify-between max-w-xs</pre>
   <span className="text-gray-500">Category</span>
   <span className="text-gray-900">{selectedProduct.category}</span>
 <div className="flex justify-between max-w-xs">
   <span className="text-gray-500">Stock</span>
   <span className="text-gray-900">{selectedProduct.stockLevel}</span>
 {selectedProduct.discountPercentage && (
   <div className="flex justify-between max-w-xs">
     <span className="text-gray-500">Discount</span>
     <span className="text-gray-900">{selectedProduct.discountPercentage}%</span>
```

 Shop Component (Including Dynamics routes, Filter section and paginaiton):

```
import Image from "next/image"
import imageUrlBuilder from '@sanity/image-url
import { useWishlist } from '@/context/WishlistContext'
 useCdn: true,
const builder = imageUrlBuilder(sanity)
interface SanityProduct {
  name: string
  discountPercentage?: number
  isFeaturedProduct?: boolean
  stockLevel: number
  category: string
  image: {
type SortOption = 'default' | 'price asc' | 'price desc' | 'name asc' | 'name desc'
  const { wishlist, addToWishlist, removeFromWishlist } = useWishlist()
  const [products, setProducts] = useState<SanityProduct[]>([])
  const [filteredProducts, setFilteredProducts] = useState<SanityProduct[]>([])
  const [loading, setLoading] = useState(true)
  const [viewMode, setViewMode] = useState<ViewMode>('grid')
  const [itemsPerPage, setItemsPerPage] = useState(16)
  const [currentPage, setCurrentPage] = useState(1)
  const [sortBy, setSortBy] = useState<SortOption>('default')
  const [isFilterOpen, setIsFilterOpen] = useState(false)
  const [categories, setCategories] = useState<string[]>([])
  const [selectedCategories, setSelectedCategories] = useState<string[]>([])
  useEffect(() => {
         name,
          category,
```

```
setProducts(data)
      setFilteredProducts(data)
     setCategories (uniqueCategories)
     setError(null)
   } catch (err) {
     setError('Failed to load products')
     setLoading(false)
 fetchProducts()
useEffect(() => {
   filtered = filtered.filter(p => selectedCategories.includes(p.category))
   case 'price desc':
    filtered.sort((a, b) => b.price - a.price)
     filtered.sort((a, b) => a.name.localeCompare(b.name))
   case 'name desc':
     filtered.sort((a, b) => b.name.localeCompare(a.name))
     break
 setFilteredProducts(filtered)
  setCurrentPage(1)
useEffect(() => {
 setCurrentPage(1)
const totalPages = Math.ceil(filteredProducts.length / itemsPerPage)
const currentProducts = filteredProducts.slice(startIndex, endIndex)
const handlePageChange = (page: number) => {
 setCurrentPage(Math.max(1, Math.min(page, totalPages)))
const toggleCategory = (category: string) => {
 setSelectedCategories(prev =>
   prev.includes(category)
     ? prev.filter(c => c !== category)
     : [...prev, category]
const handleWishlistToggle = (e: React.MouseEvent, productId: string) => {
 e.preventDefault()
 wishlist.includes(productId)
   ? removeFromWishlist(productId)
    : addToWishlist(productId)
```

```
if (loading) return <div className="text-center py-12">Loading products...</div
<div className="relative h-[316px] w-full">
    <Image
      className="object-cover"
      alt="Dining Table"
     <div className="absolute inset-0 flex flex-col items-center justify-center gap-4 text-center">
      <Image
       height={77}
       className="h-auto w-16 md:w-20"
      <hl className="font-poppins text-3xl font-medium md:text-4xl lg:text-[48px]">Shop</hl>
      <div className="flex">
        <Link href="/" className="flex items-center gap-2 group">
         Home
           height={20}
           src="/arrow.png"
           className="opacity-50 group-hover:opacity-100 transition-opacity"
        Shop
   {/* Filters Section */}
   <div className="w-full bg-[#FAF4F4] relative">
     <div className="mx-auto flex h-auto flex-col justify-between gap-4 px-4 py-4 md:h-[100px] md:flex-row md:items-center md:px-8 lg:px-16">
      <div className="flex flex-wrap items-center gap-4 relative">
         className="flex items-center gap-2 cursor-pointer"
         onClick={() => setIsFilterOpen(!isFilterOpen)}
         Filter
        {isFilterOpen && (
         <div className="absolute left-0 top-full mt-2 z-50 bg-white shadow-xl rounded-lg p-4 md:w-64 w-full">
           <h3 className="font-poppins text-lg font-medium mb-3">Categories</h3>
           <div className="space-y-2">
             {categories.map(category => (
                key={category}
                className="flex items-center space-x-3 cursor-pointer hover:bg-gray-50 p-2 rounded"
                 type="checkbox"
                 checked={selectedCategories.includes(category)}
                  onChange={() => toggleCategory(category)}
                 className="form-checkbox h-5 w-5 text-[#B88E2F] rounded border-gray-300 focus:ring-[#B88E2F]"
                <span className="font-poppins text-gray-700">{category}</span>
```

```
<div className="flex items-center gap-4">
        onClick={() => setViewMode('grid')}
       className={`p-1 ${viewMode === 'grid' ? 'opacity-100' : 'opacity-50'}`}
       <Image width={28} height={28} src="/grid.png" alt="Grid view" />
       onClick={() => setViewMode('list')}
       className={`p-1 ${viewMode === 'list' ? 'opacity-100' : 'opacity-50'}`}
    <div className="hidden h-6 w-px bg-[#000000] md:block" />
    Showing {startIndex + 1}-{Math.min(endIndex, filteredProducts.length)} of {filteredProducts.length} results
  <div className="flex flex-wrap items-center gap-4">
     <div className="flex items-center gap-2">
      Show
       value={itemsPerPage}
        onChange={ (e) => setItemsPerPage(Number(e.target.value)) }
        className="flex h-8 w-12 items-center justify-center rounded border border-[#D9D9D9] bg-white md:h-10"
       {[16, 32, 64].map((num) => (
         <option key={num} value={num}>{num}</option>
    <div className="flex items-center gap-2">
      Sort by
        onChange={ (e) => setSortBy(e.target.value as SortOption) }
       className="flex h-8 w-32 items-center rounded border border-[#D9D9D9] bg-white px-3 md:h-10 md:w-48"
        <option value="default">Default</option>
        <option value="price_desc">Price: High to Low</option>
        <option value="name_asc">Name: A-Z</option>
        <option value="name desc">Name: Z-A</option>
<section className="bg-gray-50 px-4 py-12 md:px-8 md:py-24 lg:px-16">
 <div className={`grid gap-6 ${viewMode === 'grid' ? 'grid-cols-1 sm:grid-cols-2 lg:grid-cols-4' : 'grid-cols-1'}`}>
  {currentProducts.map((product) => {
    const imageUrl = builder.image(product.image).width(600).height(600).url()
      ? Math.round(product.price / (1 - product.discountPercentage/100))
    const isInWishlist = wishlist.includes(product._id)
    return (
        className={`group block transition-transform hover:scale-[1.02] relative h-full ${
         onClick={(e) => handleWishlistToggle(e, product._id)}
         className={`absolute top-2 right-2 z-20 p-2 bg-white rounded-full shadow-md transition-all ${
```

```
isInWishlist ? 'text-[#B88E2F]' : 'text-gray-300 hover:text-[#B88E2F]
                className="w-6 h-6"
                 stroke="currentColor"
                 viewBox="0 0 24 24"
                   strokeLinecap="round"
                   strokeLinejoin="round'
                   strokeWidth={2}
                   d="M4.318 6.318a4.5 4.5 0 000 6.364L12 20.36417.682-7.682a4.5 4.5 0 00-6.364-6.364L12 7.6361-1.318-1.318a4.5 4.5 0
00-6.364 0z"
             {product.isFeaturedProduct && (
               <\!\!\text{div className} = \text{"absolute top-2 left-2 bg-yellow-400 text-xs font-bold px-2 py-1 rounded z-10"} > \\
              <div className={ `h-full flex ${
              } rounded-lg border border-gray-200 bg-white p-4 transition-shadow hover:shadow-md md:p-6`}>
               <div className={`relative mb-4 ${
                 viewMode === 'list' ? 'w-1/3 aspect-square' : 'aspect-square'
                  alt={product.name}
                   className="object-contain transition-transform duration-300 group-hover:scale-105"
               <div className={`flex flex-col flex-1 ${
                 viewMode === 'list' ? 'w-2/3 pl-4' : ''
                 <div className={viewMode === 'list' ? 'text-left' : 'text-center'}>
                   {product.category}
                   <div className={`mb-2 text-sm text-gray-600 ${</pre>
                    viewMode === 'list' ? 'line-clamp-5' : 'line-clamp-3'
                   } min-h-[4.5rem]`}>
                    {product.description}
                 <div className="mt-auto">
                   <div className={`flex flex-col ${viewMode === 'list' ? 'items-start' : 'items-center'} gap-1`}>
                     <div className="flex items-center gap-2">
                        <span className="text-sm line-through text-gray-500">
                          Rs {originalPrice.toFixed(2)}
                        <span className="text-sm font-medium text-green-600">
                          ({product.discountPercentage}% off)
                   <div className="mt-2 flex items-center gap-2">
                     <span className={`text-sm ${</pre>
```

```
: product.stockLevel > 0
                                                                                                          ? `Low Stock (${product.stockLevel} left)`
                                                                                                         : 'Out of Stock'}
                     <section className="px-4 py-8 md:px-8 lg:px-16">
                           <div className="flex justify-center">
                                   <nav className="flex flex-wrap items-center justify-center gap-2">
                                                onClick={() => handlePageChange(currentPage - 1)}
                                               className="flex h-8 items-center justify-center gap-1 rounded-md border-2 border-[#FFFPE5] bg-[#FFFPE5] px-3 text-sm text-gray-600
transition-colors duration-200 hover:bg-[#FBEBB5] focus:outline-none focus:ring-2 focus:ring-[#B88E2F] md:h-10 md:px-4 md:text-base"
                                                        className="h-4 w-4 rotate-180"
                                                        viewBox="0 0 24 24"
                                                       stroke="currentColor"
                                                              strokeLinecap="round"
                                                             strokeLinejoin="round"
                                                              strokeWidth={2}
                                                              d="M9 517 7-7 7"
                                          {Array.from({ length: totalPages }, (_, i) \Rightarrow i + 1).map((page) \Rightarrow (_, i) \Rightarrow (_, i)
                                                       onClick={() => handlePageChange(page)}
                                                     className={`flex h-8 w-8 items-center justify-center rounded-md border-2 text-sm transition-colors duration-200
focus:outline-none focus:ring-2 focus:ring-[#B88E2F] md:h-10 md:w-10 md:text-base ${
                                                             page === currentPage
                                                     {page}
                                               onClick={() => handlePageChange(currentPage + 1)}
                                                 disabled={currentPage === totalPages}
                                                 className="flex h-8 items-center justify-center gap-1 rounded-md border-2 border-[#FFF9E5] bg-[#FFF9E5] px-3 text-sm text-gray-600
transition-colors duration-200 hover:bg-[#FBEBB5] focus:outline-none focus:ring-2 focus:ring-[#B88E2F] md:h-10 md:px-4 md:text-base"
                                                      xmlns="http://www.w3.org/2000/svg"
                                                        className="h-4 w-4"
                                                       fill="none"
                                                        viewBox="0 0 24 24"
                                                          strokeLinecap="round"
```

• Search Component:// app/search/page.tsx

```
'use client'
import { useSearchParams } from 'react';
import { useSearchParams } from 'next/navigation';
import { useSearchParams } from 'next/navigation';
import { createClient } from '@sanity/client';
import ImageUrlBuilder from '@sanity/image-url';
import Link from 'next/link';
import [ useWishlist ] from '@/context/WishlistContext';
import { useCart } from '@/context/CartContext';

const sanity = createClient({
   projectId: "587tgpl",
   dataset: "production",
   apiVersion: "2025-01-13",
   useCdn: true,
   }));

const builder = imageUrlBuilder(sanity);

interface SanityProduct {
```

```
category: string;
 stockLevel: number;
 discountPercentage?: number;
 image: {
export default function SearchPage() {
 const searchParams = useSearchParams();
 const query = searchParams.get('q') || '';
 const { addToCart } = useCart();
 const { wishlist, addToWishlist, removeFromWishlist } = useWishlist();
 useEffect(() => {
          name match $query ||
          description match $query ||
          stockLevel, discountPercentage, image
        { query: `*${query}*` }
     } catch (error) {
      console.error("Search error:", error);
     } finally {
   if (query) fetchProducts();
 const handleWishlistToggle = (productId: string) => {
   wishlist.includes(productId)
     ? removeFromWishlist(productId)
     : addToWishlist(productId);
 if (loading) return <LoadingSpinner />;
 return (
   <div className="min-h-screen bg-gray-50">
     <div className="max-w-7xl mx-auto px-4 py-8 sm:px-6 lg:px-8">
       <h1 className="text-3x1 font-light mb-8">
        Search Results for "{query}"
       {products.length === 0 ? (
        <div className="text-center py-12">
          No products found
         <div className="grid grid-cols-1 gap-6 sm:grid-cols-2 lg:grid-cols-3 xl:grid-cols-4">
          {products.map((product) => {
            const imageUrl = builder.image(product.image).width(600).height(600).url();
            const originalPrice = product.discountPercentage
              ? Math.round(product.price / (1 - product.discountPercentage/100))
            const isInWishlist = wishlist.includes(product._id);
             <div key={product._id} className="group relative bg-white p-4 rounded-lg shadow-md hover:shadow-lg transition-shadow">
```

```
onClick={ () => handleWishlistToggle(product._id) }
                  className="absolute top-4 right-4 z-20 p-2 bg-white rounded-full shadow-lg hover:bg-[#FFF9E5] transition-all"
                   className={`w-6 h-6 ${
                     isInWishlist ? 'text-[#B88E2F] fill-current' : 'text-gray-300'
                   stroke="currentColor"
                   viewBox="0 0 24 24"
                     strokeWidth={2}
                     d="M4.318 6.318a4.5 4.5 0 000 6.364L12 20.36417.682-7.682a4.5 4.5 0 00-6.364-6.364L12 7.6361-1.318-1.318a4.5 4.5 0
00-6.364 0z"
                  <div className="aspect-square relative mb-4 overflow-hidden">
                    <Image
                     src={imageUrl}
                     className="object-contain group-hover:scale-105 transition-transform"
                <div className="space-y-2">
                  <h3 className="text-lg font-medium text-gray-900">
                  <div className="flex items-baseline gap-2">
                   product.discountPercentage ? 'text-red-500' : 'text-gray-900'
                    {product.discountPercentage && (
                     Rs {originalPrice?.toFixed(2)}
                   className="w-full bg-[#B88E2F] text-white py-2 rounded-md hover:bg-[#A67C00] transition-colors"
                   Add to Cart
const LoadingSpinner = () => (
 <div className="min-h-screen flex items-center justify-center">
   <div className="animate-spin rounded-full h-12 w-12 border-t-2 border-b-2 border-[#B88E2F]" />
```

API Integration

• API Scripts:

```
console.error('Error uploading product:', error);
}

// Function to fetch products from the provided API and upload them to Sanity
async function migrateProducts() {
   try {
      const response = await fetch('https://template-0-beta.vercel.app/api/product');

   if (!response.ok) {
      throw new Error('HTTP error! Status: $(response.status)');
   }

   const products = await response.json();

   for (const product of products) {
      await uploadProduct(product);
   }
   } catch (error) {
      console.error('Error fetching products:', error);
   }

// Start the migration
migrateProducts();
```

All code snippets are well-commented and structured according to best practices for modular and maintainable frontend development.

3. Documentation

Feature Implementation Documentation for the E-Commerce Website

Overview

This document outlines the key features and functionalities implemented in the e-commerce website. The project has been developed as part of the GIAIC Program Hackathon, with a focus on enhancing user experience through dynamic content, interactive UI elements, and smooth navigational flows.

1. Search Functionality

- **Implementation:** A search option has been integrated into the website's header. When a user inputs a query, they are redirected to a dedicated search results page.
- User Flow:
 - User enters search text in the header.
 - The system processes the query and displays relevant products on a full-page view.
- Objective: Enhance the discoverability of products by allowing users to quickly locate desired items.

2. Wishlist Feature

- Implementation: A fully functional wishlist has been added across all product pages.
- User Flow:
 - Users can click on a "wishlist" icon on any product.
 - All selected items are saved and can be viewed on a dedicated wishlist page.
- **Objective:** Allow users to save products for later review and future purchase, improving user engagement and retention.

3. Sanity.io Integration for Product Data

- **Implementation:** Product data is sourced from Sanity.io and integrated into both the Home and Shop pages.
- User Flow:
 - The homepage and shop page dynamically fetch and display product listings from Sanity.io.
- **Objective:** Ensure that product data is consistent, up-to-date, and easily manageable through a headless CMS.

4. Single Product Page with Dynamic Routing

- **Implementation:** Dynamic routes have been created for each product, resulting in individual product pages.
- User Flow:
 - Clicking on a product directs the user to its dedicated page, generated dynamically based on the product's unique identifier.
- **Objective:** Improve SEO and provide detailed product information, resulting in a more personalized shopping experience.

5. Cart Functionality

- **Implementation:** A comprehensive cart feature has been developed. The user flow is described in text within the documentation to outline its full functionality.
- User Flow:
 - Users add products to the cart using an "Add to Cart" button.
 - Upon adding, an animated cart slider appears, visually confirming that the item has been added.
 - When the user clicks on "Proceed to Checkout" from the cart, they are redirected to the checkout page.
- **Objective:** Provide a seamless and interactive shopping experience by combining visual cues (animations) with functional navigation.

6. Checkout and Order Confirmation Process

- Implementation:
 - A dedicated checkout page has been created to handle the purchasing process.

 Once the user completes the checkout process, they are redirected to an order confirmation page where they can view their order details.

User Flow:

- After reviewing the cart and clicking "Proceed to Checkout," the user is guided through the payment process.
- Instead of incorporating Toastify notifications as suggested, an order confirmation page with engaging animations has been implemented.
- Objective: To deliver clear confirmation of order placement while maintaining a consistent and attractive user interface.

7. Blog Page

Current Status:

 The blog page is not yet fully functional. Based on the current requirements and project scope, its development has been deprioritized.

• Future Consideration:

 If needed, functionality may be added in a later phase, depending on project requirements and feedback.

Conclusion

The website is fully functional with key e-commerce features including search, wishlist, dynamic product pages, cart functionality, and a complete checkout process. The use of animations enhances user interaction by providing immediate visual feedback, such as the animated cart slider upon adding an item. Although the blog page is not operational at this time, the primary focus has been to ensure a robust shopping experience for users. This documentation captures the core functionalities developed during the hackathon and serves as a comprehensive reference for the project's implementation details.