DAY_04 Building a dynamic frontend components for website

Key components to build a website:

Product listening components:

Code snap:


```tsx
"use client";

import React, { useEffect, useState } from "react";
import { createClient } from "@sanity/client";
import Image from "next/image";

// Initialize the Sanity client
const client = createClient({
  projectId: "mbtsebsy", // Replace with your Sanity project ID
  dataset: "production",
  apiVersion: "2025-01-15",
  useCdn: false, // Set to true for faster CDN caching in
  production
});

interface Product {
  _id: string;
  productName: string;
  title: string;
  category: string;
  price: number;
  description: string;
  imageUrl: string;
  image: {
    asset: {
      url: string;
    };
  };
}

const ProductsPage: React.FC = () => {
  const [products, setProducts] = useState<Product[]>([]);
```

```tsx
const ProductsPage: React.FC = () => {

  const [cart, setCart] = useState<Product[]>([]);
  const [wishlist, setWishlist] = useState<Product[]>([]);

  const fetchProducts = async () => {
    try {
      const query = `
        *[_type == "product"] {
          _id,
          productName,
          category,
          price,
          description,
          discountPercentage,
          stockLevel,
          isFeaturedProduct,
          "imageUrl": image.asset->url
        }
      `;
      const data = await client.fetch(query);
      setProducts(data);
    } catch (error) {
      console.error("Error fetching products:", error);
    }
  };

  // Add product to cart
  const addToCart = (product: Product) => {
    const updatedCart = [...cart, product];
    setCart(updatedCart);
    localStorage.setItem("cart", JSON.stringify(updatedCart));
    alert(`${product.title} has been added to your cart!`);
```

Output Snippet:

Just In
Nike Air Force 1 Mid '07
Men's Shoes
MRP : ₹ 9,695.00

Just In
Nike Court Vision Low Next Nature
Men's Shoes
MRP : ₹ 5,695.00

Just In
Nike Air Force 1 '07 (W)
Women's Shoes
MRP : ₹ 8,195.00

Nike Air Force 1 React
Men's Shoes
MRP : ₹ 11,895.00

Nike Air Force 1 '07
Men's Shoes
MRP : ₹ 7,995.00

Nike Sportswear Club Fleece
Women's Dress
MRP : ₹ 3,695.00

Header Code:

```jsx
import Link from "next/link";
import Image from "next/image";

export function MainNav() {
  return (
    <div className=" ">
    <header className="sticky top-0 z--50 w-full ">
    <div className="flex h-10 items-center justify-between ▢bg-gray-100 w-full px-10">
      {/* Logo and Image */}
      <div className="flex items-center">
        <Link href="/" className="flex items-center">
          <Image
            src="/images/man.png"
            alt="Jordan"
            className="object-contain"
            width={45} // Increased width
            height={45} // Increased height
            quality={100} // Ensures high image quality
          />
        </Link>
      </div>

      {/* Navigation Links */}
      <div className="flex items-center space-x-4 text-sm">
        <Link href="/allProduct" className="▢hover:text-gray-600">
          Find a Store
        </Link>
        <span>|</span>
        <Link href="/getHelp" className="▢hover:text-gray-600">
          Help
        </Link>
        <span>|</span>
```

Header output:

Footer Code:

```jsx
export default function Footer() {
  return (
    <footer className="bg-black text-white w-full py-12 px-4">
      <div className="container mx-auto">
        <div className="grid grid-cols-1 md:grid-cols-2 lg:grid-cols-4 gap-8 mb-12">
          {/* First Column */}
          <div className="space-y-4">
            <Link
              href="allProduct"
              className="text-sm font-bold hover:text-gray-300"
            >
              FIND A STORE
            </Link>
            <Link
              href="joinUs"
              className="block text-sm font-bold hover:text-gray-300"
            >
              BECOME A MEMBER
            </Link>
            <Link
              href="signIn"
              className="block text-sm font-bold hover:text-gray-300"
            >
              SIGN UP FOR EMAIL
            </Link>
            <Link
              href="#"
              className="block text-sm hover:text-gray-300"
            >
              Send Us Feedback
            </Link>
```

FAQs Component Code snippet:

```jsx
{/* FAQ TEXT */}
<div className="max-w-2xl mx-auto font-sans mr-36">
<h2 className="text-xl font-bold mb-4">FAQs</h2>
<div className="space-y-4">
  <div>
    <h3 className="font-bold mb-1">Does my card need international purchases enabled?</h3>
    <p className="text-md mb-1">
      Yes we recommend asking your bank to enable international purchases on your card. You will be notified at
      checkout if international purchases need to be enabled.
    </p>
  </div>

  <div>
  <p className="text-md">
      Please note some banks may charge <span className='underline'>a small transaction fee </span> for international
      orders.
    </p>
  </div>

  <div>
    <h3 className="font-bold mb-1">Can I pay for my order with multiple methods?</h3>
    <p className="text-md">No payment for Nike orders cant be split between multiple payment methods.</p>
  </div>
  <div>
    <h3 className="font-bold mb-1">What payment method is accepted for SNKRS orders?</h3>
    <p className="text-md">You can use any accepted credit card to pay for your SNKRS order.</p>
  </div>
  <div>
    <h3 className="font-bold mb-1">Why dont I see Apple Pay as an option?</h3>
```

Output snippet:

GET HELP

What can we help you with?

WHAT PAYMENT OPTIONS CAN I USE ON NIKE ORDERS?

We want to make buying your favourite Nike shoes and gear online fast and easy and we accept the following payment options:

Visa Mastercard Diners Club Discover American Express Visa Electron Maestro

If you enter your PAN information at checkout youll be able to pay for your order with PayTM or a local credit or debit card

Apple Pay

Nike Members can store multiple debit or credit cards in their profile for faster checkout. If youre not already a Member join us today.

JOIN US   SHOP NIKE

CONTACT US

📱

000 800 919 6566
Products & Orders: 24 hours a day
7 days a week
Company Info & Enquiries:
07:30 - 16:30 Monday - Friday

💬

24 hours a day
7 days a week

Social Media sharing component snippet:

```jsx
{/* Social Links */}
<div className="flex space-x-4 lg:justify-end">
  <Link
    href="#"
    className=" hover:text-gray-300"
    aria-label="Twitter"
  >
    <Twitter className="h-6 w-6 hover:text-blue-500" />
  </Link>
  <Link
    href="#"
    className=" hover:text-gray-300"
    aria-label="Facebook"
  >
    <Facebook className="h-6 w-6 hover:text-blue-500" />
  </Link>
  <Link
    href="#"
    className=" hover:text-gray-300"
    aria-label="YouTube"
  >
    <Youtube className="h-6 w-6 hover:text-red-600" />
  </Link>
  <Link
    href="#"
    className=" hover:text-gray-300"
    aria-label="Instagram"
  >
    <Instagram className="h-6 w-6 hover:text-pink-700" />
  </Link>
</div>
```

Output snippet:

Order summary status component snippet:

```jsx
export default function Delivery() {
  return (
    <div className="min-h-screen ▪bg-white">


      <div className="container mx-auto px-6 py-8 ">



        {/* Free Delivery Banner */}

<div className="▪bg-gray-100 py--2 px--4 mb-2 w-full md:w-[45rem] lg:w-[52rem] ">
    <div className="container  flex items-start justify-start text-md font-semibold">
      <span>Free Delivery</span>
    </div>
    <div className="flex items-center gap-1">
      <span className="▫text-gray-600">Applies to orders of ₹14,995.00 or more</span>
      <button className="▫text-gray-600 underline">View Details</button>
    </div>
  </div>


        <div className="grid gap-8 lg:grid-cols-3 ">
          {/* Main Cart Section */}
          <div className="lg:col-span-2 space-y-8">
            {/* Bag Section */}
            <section>
              <h2 className="text-xl font-semibold mb-4">Bag</h2>
              <div className="space-y-6">

                {/* Item 1 */}
                <div className="flex gap-4 border-b pb-4 ">
```

Output snippet:

Free Delivery
Applies to orders of ₹14,995.00 or more View Details

Bag

	Nike DRI-FIT ADV TechKnit Ultra	MRP:₹3995.00
	Mens Short-Sleeve Running Top	
	Ashen Slate/Glacier Blue	
	Size: L Quantity: 1	
	♡ 🗑	

	Nike Air Max 97 SE	MRP:₹16995.00
	Mens Shoes	
	Flat Pewter/Light Bone/Black/White	
	Size: 9 Quantity: 1	
	♡ 🗑	

Summary

Subtotal	₹20990.00
Estimated Delivery & Handling	Free
Total	**₹20990.00**

[Member Checkout]

Sign-up component code snippet:

```jsx
export default function JoinUsPage() {
  return (
    <div className="min-h-screen flex flex-col items-center justify-center px-4 py-8">
      <div className="w-full max-w-[380px] space-y-4">
        {/* Logo */}
        <div className="flex justify-center">
          <Image
            src="/images/nike.png" // Replace with your actual logo file
            alt="Nike Logo"
            width={60}
            height={30}
          />
        </div>

        {/* Heading */}
        <div className="text-center space-y-2">
          <h1 className="text-xl font-bold tracking-tight">BECOME A NIKE MEMBER</h1>
          <p className="text-lg text-gray-500 tracking-wide">
            Create your Nike Member profile and get first access to the very best of Nike products inspiration and
            community.
          </p>
        </div>

        {/* Sign-Up Form */}
        <form className="space-y-4">
          <input
            type="email"
            placeholder="Email address"
            className="w-full px-4 py--3 border border-gray-300 rounded-sm focus:outline-none focus:ring-2
            focus:ring-black"
```

Sign-up output:

BECOME A NIKE MEMBER

Create your Nike Member profile and get first access to the very best of Nike products inspiration and community.

Email address

Password

First Name

Last Name

Date of Birth

Get a Nike Member Reward every year on your Birthday.

India ⌄

Male	Female

☐ Sign up for emails to get updates from Nike on products offers and Member benefits.

By creating an account you agree to Nikes Privacy Policy and Terms of Use.

JOIN US

Already a Member? Sign In

Sign-in component snippet:

```jsx
import Image from "next/image";
import Link from "next/link";

export default function SignIn() {
  return (
    <div className="min-h-screen flex flex-col items-center justify-center px-4 py-8">
      <div className="w-full max-w-[380px] space-y-4">
        {/* Nike Logo */}
        <div className="flex justify-center">
          <Image
            src="/images/nike.png"
            alt="Nike"
            width={324}
            height={100}
            className="h-16 w-auto"
          />
        </div>

        {/* Heading */}
        <div className="text-center space-y-1">
          <h1 className="text-xl font-bold tracking-tight">YOUR ACCOUNT</h1>
          <h1 className="text-xl font-bold tracking-tight">FOR EVERYTHING</h1>
          <h1 className="text-xl font-bold tracking-tight">NIKE</h1>
        </div>

        {/* Login Form */}
        <form className="space-y-4">
          <input
            type="email"
            placeholder="Email address"
            className="w-full px-3 py-4 border rounded-none"
          />
```

Output code:

Filter component snippet:

```
export default function Shop() {
  return (
    <div className="min-h-screen ■bg-white">

      <header className="border-b ■border-gray-200 px-4 py--4">
        <div className="mx-auto max-w-7xl flex justify-between items-center">
          <h1 className="text-2xl font-bold">New (500)</h1>
          <div className="flex items-center space-x-4">
            <button className="text-sm font-medium">Hide Menu</button>
            <select className="text-sm ■border-gray-300 rounded-md">
              <option>Sort By</option>
              <option>Featured</option>
              <option>Newest</option>
              <option>Price: High-Low</option>
              <option>Price: Low-High</option>
            </select>
          </div>
        </div>
      </header>
      <div className="mx-auto max-w-7xl px-4 sm:px-6 lg:px-8">
        <div className="flex flex--col md:flex-row gap-4">
          <Sidebar />
          <main className="flex-1 py-6">
            <ProductGrid />
          </main>
        </div>
      </div>
    </div>
  )
}
```
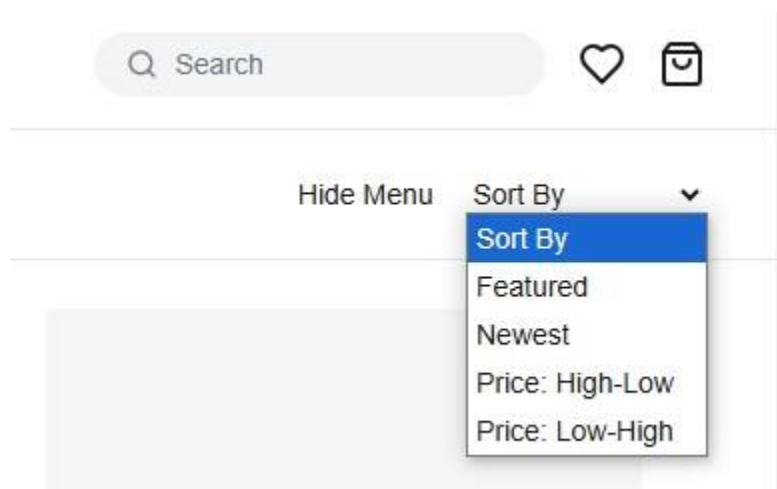
Filter output snippet:

Final checklist:

Frontend component development	Styling & responsivene-ss	Code quality	Documentation & submission	Final review
✔	✔	✔	✔	✔