

Day 04 Building Dynamic Frontend Components For Your Marketplace

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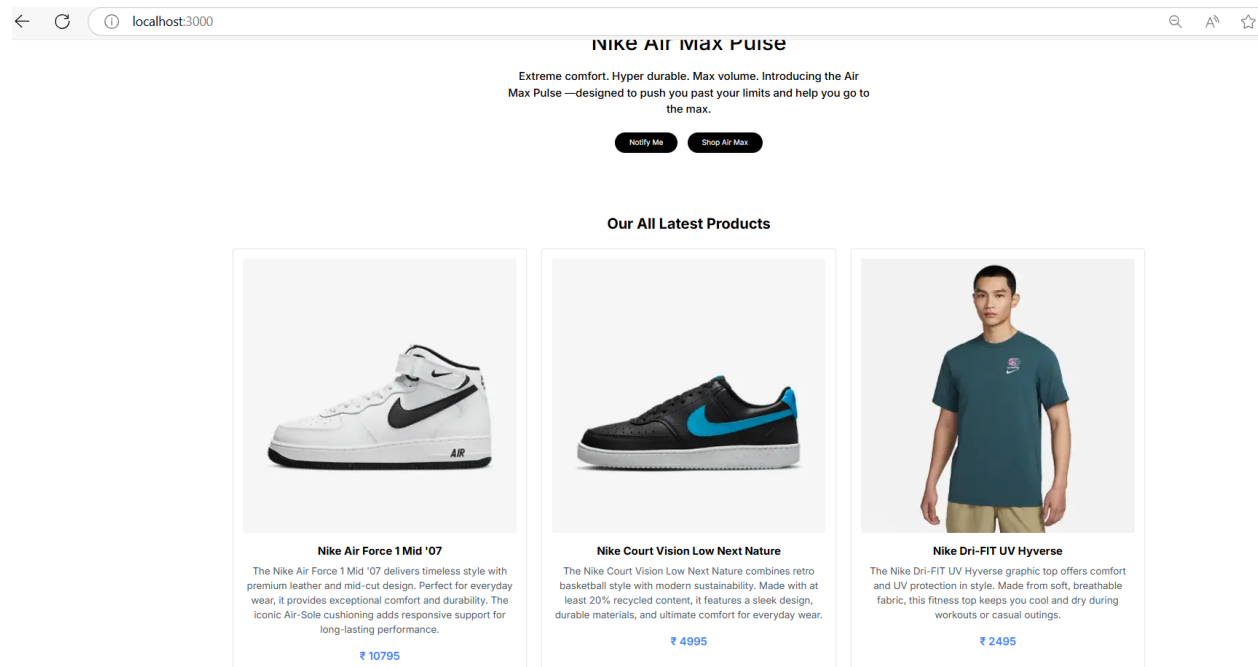
Timming :Friday 9:00am to 12:00am

Teacher :Sir Hammza syed

Roll no: 00195553

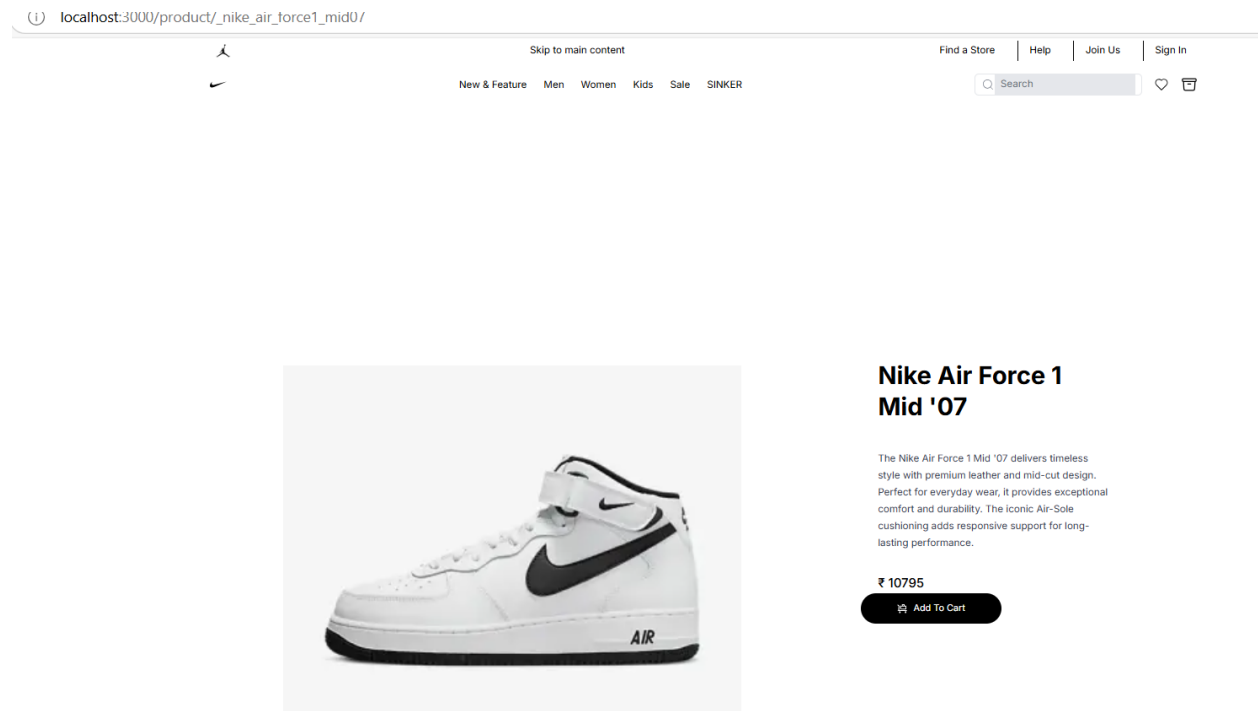
Product Listing Component:

Product list with filter of new latest products.



Product Detail Page:


A dynamic product detail page that is fetching data from sanity on the base of slug field of products.



src > sanity > schemaTypes > TS products.ts > [🔗] productSchema > ⌨ fields

```
1 | import { sources } from "next/dist/compiled/webpack/webpack";
2
3 | export const productSchema = {
4 |   name: 'product',
5 |   title: 'Product',
6 |   type: 'document',
7 |   fields: [
8 |     {
9 |       name: 'productName',
10 |      title: 'Product Name',
11 |      type: 'string',
12 |    },
13 |     {
14 |       name: "slug",
15 |       type: "slug",
16 |       title: "slug",
17 |       options: {
18 |         sources: "productName",
19 |         maxLength: 96,
20 |       },
21 |     },
22 |     {
23 |       name: 'category',
24 |       title: 'Category',
25 |       type: 'string',
26 |     },
27 |     {
28 |       name: 'price',
29 |       title: 'Price',
30 |       type: 'number',
31 |     },
32 |     {
33 |       name: 'inventory',
34 |       title: 'Inventory',
35 |       type: 'number',
36 |     },
37 |     {
38 |       name: '...',
39 |       title: '...',
40 |       type: '...',
41 |     },
42 |   ],
43 | }
```

Add To Cart Component:



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Our All Latest Products



Nike Air Force 1 Mid '07

The Nike Air Force 1 Mid '07 delivers timeless style with premium leather and mid-cut design. Perfect for everyday wear, it provides exceptional comfort and durability. The iconic Air-Sole cushioning adds responsive support for long-lasting performance.

₹ 10795

Add To Cart



Nike Court Vision Low Next Nature

The Nike Court Vision Low Next Nature combines retro basketball style with modern sustainability. Made with at least 20% recycled content, it features a sleek design, durable materials, and ultimate comfort for everyday wear.

₹ 4995

Add To Cart



Nike Dri-FIT UV Hyverse

The Nike Dri-FIT UV Hyverse graphic top offers comfort and UV protection in style. Made from soft, breathable fabric, this fitness top keeps you cool and dry during workouts or casual outings.

₹ 2495

Add To Cart

```

"use client";

import React, { useEffect, useState } from "react";
import Image from "next/image";
import { Products } from "../../type/product";
import { getCartItems, removeFromCart, updateCartQuantity } from "../../action/action";
import Swal from "sweetalert2";
import { urlFor } from "@sanity/lib/image";

const CartsPage = () => {
  const [cartItems, setCartItems] = useState<Products[]>([]);

  useEffect(() => {
    const items = getCartItems();
    setCartItems(items || []); // Default to an empty array if no items are present
  }, []);

  const handleRemove = (id: string) => {
    Swal.fire({
      title: "Are you sure you want to remove this item?",
      text: "You won't be able to recover it!",
      icon: "warning",
      showCancelButton: true,
      confirmButtonColor: "#3885d6",
      cancelButtonColor: "#d33",
      confirmButtonText: "Yes, remove it!",
    }).then((result) => {
      if (result.isConfirmed) {
        removeFromCart(id);
        setCartItems(getCartItems() || []);
        Swal.fire("Removed!", "The item has been removed.", "success");
      }
    });
  };

  const handleQuantityChange = (id: string, quantity: number) => {
    updateCartQuantity(id, quantity);
  };

```

```

    });
  });

  const handleQuantityChange = (id: string, quantity: number) => {
    updateCartQuantity(id, quantity);
    setCartItems(getCartItems() || []);
  };

  const handleIncrement = (id: string) => {
    const product = cartItems.find((item) => item._id === id);
    if (product) handleQuantityChange(id, product.inventory + 1);
  };
















  const handleDecrement = (id: string) => {
    const product = cartItems.find((item) => item._id === id);
    if (product && product.inventory > 1) handleQuantityChange(id, product.inventory - 1);
  };

  const calculatedTotal = () => {
    return cartItems.reduce((total, item) => total + item.price * item.inventory, 0).toFixed(2);
  };

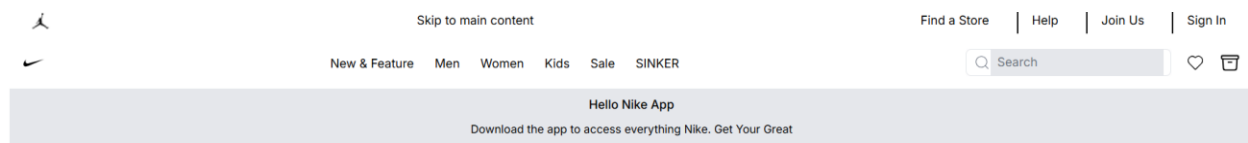
  const handleProceed = () => {
    Swal.fire({
      title: "Proceed to checkout",
      text: "Please review your cart before checking out.",
      icon: "question",
      showCancelButton: true,
      confirmButtonColor: "#3885d6",
      cancelButtonColor: "#d33",
      confirmButtonText: "Yes, proceed!",
    }).then((result) => {
      if (result.isConfirmed) {
        Swal.fire("Success", "Your order has been successfully processed.", "success");
      }
    });
  };

```

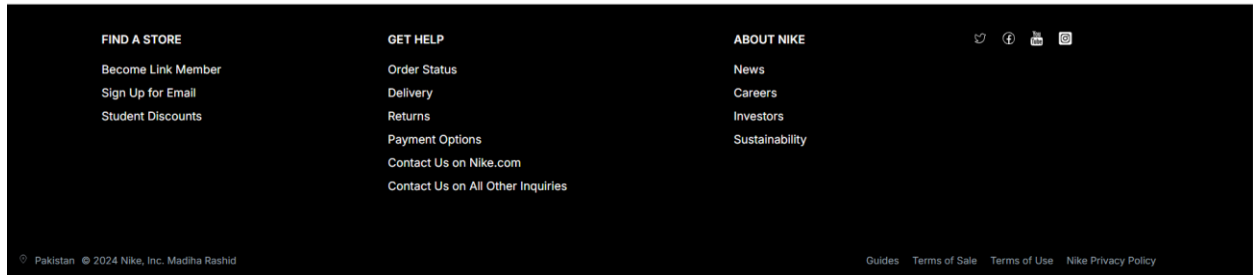
Cart Page: For Add or subtract quantities of product that add in cart and show price of total products then subtotal of all products.

Your Cart				
	Nike Court Vision Low Next Nature Price: \$4995	- 13 +	\$64935.00	Remove
	Nike Air Force 1 Mid '07 Price: \$10795	- 12 +	\$129540.00	Remove
	Nike Dri-FIT UV Hyverse Price: \$2495	- 12 +	\$29940.00	Remove
	Nike Air Max 270 Price: \$13295	- 8 +	\$106360.00	Remove
	Nike Court Vision Low Price: \$5695	- 7 +	\$39865.00	Remove
	Nike Renew Run 3 Price: \$7295	- 2 +	\$14590.00	Remove
	Nike Air Force 1 React Price: \$13295	- 2 +	\$26590.00	Remove
	Nike Zoom Fly 5 Price: \$11295	- 1 +	\$11295.00	Remove
	Nike Metcon 8 Price: \$10295	- 1 +	\$10295.00	Remove
	Nike Dunk Low Retro SE Price: \$9695	- 1 +	\$9695.00	Remove
	Nike Pegasus 40 Price: \$9795	- 1 +	\$9795.00	Remove
	Nike Waffle One SE Price: \$7895	- 1 +	\$7895.00	Remove
	Nike Standard Issue Basketball Jersey Price: \$2895	- 1 +	\$2895.00	Remove
	Air Jordan 1 Elevate Low Price: \$11895	- 1 +	\$11895.00	Remove
	Nike Air Force 1 PLT.AF.ORM Price: \$8695	- 1 +	\$8695.00	Remove
Total: \$484280.00			Proceed to Checkout	

Header:



Footer:



Conclusion:

- 1- Here is the outcome of front-end ui that is rendered from the headless CMS i.e: sanity. I write groq for fetching products, product details , category and tags in different component and pages.
- 2- Challenges I have faced when filtering category on the base of slug then i filter with name in place of slug.
- 3- Secondly I have a challenge in implementing pagination in dynamic route of product detail.
- 4- At the end the outcome achieve from the 4th day is product listing, product detail dynamic route, category component and add to cart component and page.