"use client"; // Ensures client-side rendering

import React, { useState, useEffect } from "react";

import Image from "next/image";

import Link from "next/link";

export default function ProductList({ products }: { products: any[] }) {

  const [searchTerm, setSearchTerm] = useState(""); // State for the search input

  const [filteredProducts, setFilteredProducts] = useState(products); // State for filtered products

  useEffect(() => {

    // Filter products based on the search term

    const results = products.filter((product: any) =>

      product.name.toLowerCase().includes(searchTerm.toLowerCase())

    );

    setFilteredProducts(results);

  }, [searchTerm, products]);

  return (

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

      <h1 className="text-3xl font-bold text-center mt-8 mb-9">Products</h1>

      {/\* Search Bar \*/}

      <div className="mb-8 text-center">

        <input

          type="text"

          placeholder="Search products by name..."

          value={searchTerm}

          onChange={(e) => setSearchTerm(e.target.value)}

          className="w-full md:w-1/3 px-4 py-2 border rounded-lg text-gray-700 focus:outline-none focus:ring focus:ring-blue-300"

        />

      </div>

      {/\* Product Grid \*/}

      <div className="grid grid-cols-1 md:grid-cols-2 lg:grid-cols-4 gap-x-8 gap-y-12 mt-8">

        {filteredProducts.length > 0 ? (

          filteredProducts.map((product: any) => (

            <Link key={product.\_id} href={`/product/${product.\_id}`}>

              <div className="w-full max-w-[240px] mx-auto">

                {/\* Check if the imagePath exists \*/}

                {!product.imagePath ? (

                  <p className="text-red-500 text-center">No Image Found</p>

                ) : (

                  <div className="overflow-hidden rounded-lg border border-gray-200 aspect-square">

                    <Image

                      src={product.imagePath}

                      alt={product.name || "Product Image"}

                      width={240}

                      height={240}

                      layout="responsive"

                      objectFit="cover"

                      placeholder="blur"

                      blurDataURL="/placeholder.png"

                    />

                  </div>

                )}

                <p className="mt-4 text-center font-medium">{product.name}</p>

                <p className="text-center text-[20px] font-medium mt-1">

                  Rs. {product.price}

                </p>

                <p className="text-center text-gray-500 text-sm mt-1">

                  {product.category}

                </p>

              </div>

            </Link>

          ))

        ) : (

          <p className="text-center col-span-full text-gray-500">

            No products found.

          </p>

        )}

      </div>

    </div>

  );

}