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"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>
                ) : (

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        <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>
);
}

```