

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

import React from "react";

interface SearchBarProps {
  searchTerm: string;
  setSearchTerm: React.Dispatch<React.SetStateAction<string>>>;
}

const SearchBar: React.FC<SearchBarProps> = ({ searchTerm, setSearchTerm }) => {
  return (
    <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>
  );
};

export default SearchBar;
```