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DEPARTMENT : IT

WEEK-5 MINI PROJECT

GITHUB :

import React, { useState } from 'react';

import './App.css';

// BlogPost Component

const BlogPost = ({ post }) => {

const [showContent, setShowContent] = useState(false);

return (

<div className="blog-post">

<h2 onClick={() => setShowContent(!showContent)}>{post.title}</h2>

{showContent && (

<>

<p>{post.content}</p>

<p>Author: {post.author}</p>

</>

)}

</div>

);

};

// BlogList Component

const BlogList = ({ posts }) => {

return (

<div className="blog-list">

{posts.map((post) => (

<BlogPost key={post.id} post={post} />

))}

</div>

);

};

// SearchBar Component

const SearchBar = ({ onFilter }) => {

const handleInputChange = (e) => {

const filterValue = e.target.value;

onFilter(filterValue);

};

return (

<input

type="text"

placeholder="Search by title"

onChange={handleInputChange}

/>

);

};

function App() {

  const initialPosts = [

  {

  id: 1,

  title: 'Love',

  content: 'Remeo & Juliet',

  author: 'Pradeesh',

  },

  {

  id: 2,

  title: 'Life',

  content: 'The Real World',

  author: 'Kumaran',

  },

  {

  id: 3,

  title: 'Lose',

  content: 'Titanic',

  author: 'Thiru',

  },

  {

  id: 4,

  title: 'War',

  content: 'Great Hitler',

  author: 'Vikesh,

  },

  {

  id: 5,

  title: 'Peace',

  content: 'The peace',

  author: 'Raja',

  },

  {

  id: 6,

  title: 'BUS',

  content: 'Volvo',

  author: 'Vinu',

  },

  {

  id: 7,

  title: 'Bike',

  content: 'R15',

  author: 'Guna',

  },

  {

  id: 8,

  title: 'SUCCES',

  content: 'God',

  author: 'Vishva',

  },

  // Add more blog posts here

  ];

  const [posts, setPosts] = useState(initialPosts);

  const [filteredPosts, setFilteredPosts] = useState(posts);

  const handleFilter = (filterValue) => {

  const filtered = posts.filter((post) =>

  post.title.toLowerCase().includes(filterValue.toLowerCase())

  );

  setFilteredPosts(filtered);

  };

  return (

  <div className="App">

  <h1>React Blog Portal</h1>

  <SearchBar onFilter={handleFilter} />

  <BlogList posts={filteredPosts} />

  </div>

  );

  }

  export default App;

OUTPUT:



