**Task Flow Blog Web Page**

**Code File**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1.0" />

  <title>TaskFlow Blog</title>

  <script src="https://cdn.tailwindcss.com"></script>

  <style>

    body {

      font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;

    }

  </style>

</head>

<body class="bg-gray-50 text-gray-800">

  <header class="text-center py-8 bg-white shadow-md">

    <h1 class="text-4xl font-extrabold text-blue-700">TaskFlow Blog</h1>

    <p class="text-gray-600 text-lg mt-2">Tips, Travel, Food & Podcasts from Our Community</p>

  </header>

  <section class="max-w-5xl mx-auto px-4 mt-8">

    <input

      id="searchInput"

      type="text"

      placeholder="Search blog posts..."

      class="w-full p-3 border border-gray-300 rounded-lg shadow-sm focus:outline-none focus:ring-2 focus:ring-blue-500 mb-6"

    />

    <div class="flex flex-wrap gap-3 mb-8 justify-center" id="categoryFilter">

      <button class="filter-btn px-4 py-2 bg-blue-600 text-white rounded-full font-medium" data-category="All">All</button>

      <button class="filter-btn px-4 py-2 bg-gray-200 text-gray-700 rounded-full" data-category="Tech">Tech</button>

      <button class="filter-btn px-4 py-2 bg-gray-200 text-gray-700 rounded-full" data-category="Travel">Travel</button>

      <button class="filter-btn px-4 py-2 bg-gray-200 text-gray-700 rounded-full" data-category="Food">Food</button>

      <button class="filter-btn px-4 py-2 bg-gray-200 text-gray-700 rounded-full" data-category="Podcast">Podcast</button>

    </div>

  </section>

  <section class="max-w-6xl mx-auto px-4 grid gap-8 sm:grid-cols-2 lg:grid-cols-3" id="blogContainer"></section>

  <div class="flex justify-center gap-2 mt-10 mb-10" id="paginationContainer"></div>

  <script>

    const posts = [

      {

        id: 1,

        title: "Exploring React 18 Features",

        category: "Tech",

        description: "An overview of new features in React 18.",

        date: "2025-07-01",

        image: "https://cdn.prod.website-files.com/669eb1086f08fffc3efda56e/66b4d2a12c6d076f3ab65e86\_React\_18\_c041dfbeb6.png"

      },

      {

        id: 2,

        title: "Backpacking through the Alps",

        category: "Travel",

        description: "A scenic journey through the Swiss Alps.",

        date: "2025-06-20",

        image: "https://images.unsplash.com/photo-1508264165352-258db2ebd59b?auto=format&fit=crop&w=800&q=80"

      },

      {

        id: 3,

        title: "Top 5 JavaScript Tips",

        category: "Tech",

        description: "Quick wins to boost your JS skills.",

        date: "2025-06-15",

        image: "https://i.ytimg.com/vi/Y5sVOV5GQJs/hq720.jpg?sqp=-oaymwEhCK4FEIIDSFryq4qpAxMIARUAAAAAGAElAADIQj0AgKJD&rs=AOn4CLDGWWMU3Mo\_uPpJRDE-n4rmnhETmA"

      },

      {

        id: 4,

        title: "Vegan Pasta Recipe",

        category: "Food",

        description: "A healthy and tasty vegan pasta.",

        date: "2025-05-30",

        image: "https://schoolnightvegan.com/wp-content/uploads/2021/01/easy-creamy-vegan-pasta-32.jpg"

      },

      {

        id: 5,

        title: "Why You Should Travel Solo",

        category: "Travel",

        description: "Discover the joy of solo travel.",

        date: "2025-05-10",

        image: "https://images.unsplash.com/photo-1523413651479-597eb2da0ad6?auto=format&fit=crop&w=800&q=80"

      },

      {

        id: 6,

        title: "Mastering Tailwind CSS",

        category: "Tech",

        description: "Responsive UI with utility-first CSS.",

        date: "2025-07-10",

        image: "https://images.unsplash.com/photo-1587829741301-dc798b83add3?auto=format&fit=crop&w=800&q=80"

      },

      {

        id: 7,

        title: "Top Productivity Podcasts to Follow",

        category: "Podcast",

        description: "Our handpicked list of motivational and productivity podcasts.",

        date: "2025-07-20",

        image: "https://i.ytimg.com/vi/0q6JO4vVimQ/maxresdefault.jpg"

      },

      {

        id: 8,

        title: "Podcasting 101: Getting Started",

        category: "Podcast",

        description: "Learn how to create, publish, and grow your own podcast.",

        date: "2025-06-12",

        image: "https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTKKcSlTEQ\_RJwlcYCz04BKMsot-5QkUi9JVw&s"

      }

    ];

    const postsPerPage = 3;

    let currentPage = 1;

    let currentCategory = "All";

    let searchKeyword = "";

    const blogContainer = document.getElementById("blogContainer");

    const paginationContainer = document.getElementById("paginationContainer");

    function renderPosts() {

      const filtered = posts.filter(post => {

        const matchesSearch = post.title.toLowerCase().includes(searchKeyword.toLowerCase());

        const matchesCategory = currentCategory === "All" || post.category === currentCategory;

        return matchesSearch && matchesCategory;

      });

      const totalPages = Math.ceil(filtered.length / postsPerPage);

      const start = (currentPage - 1) \* postsPerPage;

      const visible = filtered.slice(start, start + postsPerPage);

      blogContainer.innerHTML = visible.length

        ? visible.map(post => `

          <div class="bg-white rounded-xl overflow-hidden shadow hover:shadow-xl transition duration-300">

            <img src="${post.image}" class="w-full h-48 object-cover" />

            <div class="p-5">

              <div class="flex items-center justify-between mb-2">

                <span class="text-sm px-2 py-1 rounded-full bg-blue-100 text-blue-700 font-medium">${post.category}</span>

                <span class="text-sm text-gray-500">${post.date}</span>

              </div>

              <h3 class="text-xl font-semibold text-gray-900">${post.title}</h3>

              <p class="mt-2 text-gray-600">${post.description}</p>

            </div>

          </div>

        `).join('')

        : `<p class="col-span-3 text-center text-gray-500">No posts found.</p>`;

      paginationContainer.innerHTML = Array.from({ length: totalPages }, (\_, i) => `

        <button class="px-4 py-2 rounded-full ${currentPage === i + 1 ? 'bg-blue-600 text-white' : 'bg-gray-200 text-gray-800'}"

          onclick="goToPage(${i + 1})">${i + 1}</button>

      `).join('');

    }

    function goToPage(page) {

      currentPage = page;

      renderPosts();

    }

    document.getElementById("searchInput").addEventListener("input", (e) => {

      searchKeyword = e.target.value;

      currentPage = 1;

      renderPosts();

    });

    document.querySelectorAll(".filter-btn").forEach(btn => {

      btn.addEventListener("click", () => {

        currentCategory = btn.dataset.category;

        currentPage = 1;

        document.querySelectorAll(".filter-btn").forEach(b => {

          b.classList.remove("bg-blue-600", "text-white");

          b.classList.add("bg-gray-200", "text-gray-700");

        });

        btn.classList.add("bg-blue-600", "text-white");

        btn.classList.remove("bg-gray-200", "text-gray-700");

        renderPosts();

      });

    });

    renderPosts();

  </script>

</body>

</html>