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## **BLOG WEBSITE PROJECT**

### **1 main.jsx**

```
import React from "react";  
import ReactDOM from "react-dom/client";  
import App from "./App";  
import "./index.css";  
  
ReactDOM.createRoot(document.getElementById("root")).render(  
  <React.StrictMode>  
    <App />  
  </React.StrictMode>  
);
```

### **3 App.jsx**

```
import { BrowserRouter, Routes, Route } from "react-router-dom";
```

```
import Navbar from "../components/Navbar";
import Home from "../pages/Home";
import CreateBlog from "../pages/CreateBlog";
import BlogDetail from "../pages/BlogDetail";
import { BlogProvider } from "../context/BlogContext";

function App() {
  return (
    <BlogProvider>
      <BrowserRouter>
        <Navbar />
        <Routes>
          <Route path="/" element={<Home />} />
          <Route path="/create" element={<CreateBlog />} />
          <Route path="/blog/:id" element={<BlogDetail />} />
        </Routes>
      </BrowserRouter>
    </BlogProvider>
  );
}

export default App;
```

```
import { createContext, useEffect, useState } from "react";

export const BlogContext = createContext();

export const BlogProvider = ({ children }) => {
  const [blogs, setBlogs] = useState([]);

  // Load from localStorage
  useEffect(() => {
    const savedBlogs = JSON.parse(localStorage.getItem("blogs"));
    if (savedBlogs) setBlogs(savedBlogs);
  }, []);

  // Save to localStorage
  useEffect(() => {
    localStorage.setItem("blogs", JSON.stringify(blogs));
  }, [blogs]);

  const addBlog = (blog) => {
    setBlogs([...blogs, blog]);
  };

  const deleteBlog = (id) => {
    setBlogs(blogs.filter((b) => b.id !== id));
  };
};
```

```
return (  
  <BlogContext.Provider value={{ blogs, addBlog, deleteBlog }}>  
    {children}  
  </BlogContext.Provider>  
);  
};
```