⬚ React Full Setup Guide

1. Create React App with Vite

First, install Node.js.
Then create a project using Vite:

```
npm create vite@latest project_name
```

2. Create Layout Components (Header, Footer, Sidebar)

Example: Header.jsx

```jsx
import React from 'react';

const Header = ({ onMenuClick }) => {
 return (
  <header className="bg-blue-800 text-white p-4 shadow-md">
   <div className="container mx-auto flex justify-between items-center">
    <h1 className="text-2xl font-bold">Kritagya</h1>
    <button
     className="md:hidden text-white focus:outline-none"
     onClick={onMenuClick}
    >
     <svg className="w-6 h-6" fill="none" stroke="currentColor" viewBox="0 0 24 24">
      <path strokeLinecap="round" strokeLinejoin="round" strokeWidth="2"
       d="M4 6h16M4 12h16m-7 6h7"></path>
     </svg>
    </button>
   </div>
  </header>
 );
};

export default Header;
```

3. Use Layout in App.jsx

```jsx
import React, { useState } from 'react';
import Header from './Header/Header';
import Footer from './Footer/Footer';
import Sidebar from './Menu/Sidebar';
```

```jsx
import PlanList from './Page/PlanList';

function App() {
 const [sidebarOpen, setSidebarOpen] = useState(false);
 const toggleSidebar = () => setSidebarOpen(!sidebarOpen);

 return (
  <div className="flex flex-col min-h-screen bg-gray-100">
   <Header onMenuClick={toggleSidebar} />
   <div className="flex flex-1">
    <Sidebar isOpen={sidebarOpen} onClose={toggleSidebar} />
    <main className="flex-1 p-4 md:p-6">
     <PlanList />
    </main>
   </div>
   <Footer />
  </div>
 );
}

export default App;
```

4. Setup React Router

Install react-router-dom:

npm i react-router-dom

Create MainLayout.jsx

```jsx
import React, { useState } from "react";
import Header from "../Header/Header";
import Footer from "../Footer/Footer";
import Sidebar from "../Menu/Sidebar";

const MainLayout = ({ children }) => {
 const [sidebarOpen, setSidebarOpen] = useState(true);
 const toggleSidebar = () => setSidebarOpen(!sidebarOpen);

 return (
  <div className="flex flex-col min-h-screen bg-gray-100">
   <Header onMenuClick={toggleSidebar} />
   <div className="flex flex-1">
```

```
      <Sidebar isOpen={sidebarOpen} onClose={toggleSidebar} />
      <main className="flex-1 p-4 md:p-6">{children}</main>
    </div>
    <Footer />
  </div>
 );
};

export default MainLayout;
```

Create AppRoutes.jsx

```
import React from "react";
import { Routes, Route, Navigate } from "react-router-dom";
import MainLayout from "../Layout/MainLayout";
import Table from "../Page/Table";
import Card from "../Page/Card";

const AppRoutes = () => {
 return (
  <Routes>
   {/* Default redirect */}
   <Route path="/" element={<Navigate to="/table" replace />} />
   <Route path="/table" element={<MainLayout><Table /></MainLayout>} />
   <Route path="/card" element={<MainLayout><Card /></MainLayout>} />
   {/* Catch-all */}
   <Route path="*" element={<Navigate to="/table" replace />} />
  </Routes>
 );
};

export default AppRoutes;
```