



॥वसुधैव कुटुम्बकम्॥



FULL STACK DEVELOPMENT

ASSIGNMENT - 7

Prepared by:
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In this assignment, you will demonstrate your proficiency in using React components to build interactive user interfaces. You will create a web application that incorporates various React components to deliver a dynamic and engaging user experience.

Description

In this assignment, we've leveraged React.js to develop an application that empowers users to create HTML, CSS, and JavaScript files, transforming them into fully operational websites within a browser environment. The heart of our application lies within 'app.js', where we've integrated the necessary components and routing functionalities. Upon execution, the application presents a visually appealing interface, featuring a navigation bar adorned with the SIT logo on the top left corner. Positioned strategically on the right side of the navigation bar is a 'Sign Up' text hyperlink, seamlessly directing users to the signup page upon interaction.

This navigation system is facilitated through the implementation of routing using React Router, ensuring smooth transitions between various components such as the homepage ('Home') and the signup page ('Signup'). Through this architecture, users can effortlessly navigate between different sections of the application, enhancing their overall experience.

App.js

```
import logo from './logo.svg';
import './App.css';
import { BrowserRouter as Router, Routes, Route} from 'react-router-dom'
import Home from "./components/home"
import Navbar from './components/navbar';
import Signup from './components/signup';

function App() {
  return (
    <Router>
      <Navbar/>
      <Routes>
        <Route path = "/" exact Component = {Home}/>
        <Route path = "/Home" exact Component = {Home}/>
        <Route path = "/Signup" exact Component = {Signup}/>
      </Routes>
    </Router>
  );
}

export default App;
```

Home.js

```
import React from "react";
import './css/home.css'
import sit_image from '../assets/sit_image.jpg'

function Home() {
  return (
    <div className="container">
      <div className="image-container">
        <img src={sit_image} alt="sit_image"/>
      </div>
      <div className="text-container">
        <h1>Empowering Minds: Symbiosis Institute of Technology, Pune</h1>
        <p>Welcome to Symbiosis Institute of Technology (SIT), Pune, a premier institute renowned for its excellence in engineering education. Established in , SIT Pune fosters a vibrant academic environment that equips students with the technical expertise, innovative thinking, and industry-relevant skills to thrive in the dynamic world of technology.</p>
      </div>
    </div>
  )
}

export default Home
```

Home.css

```
h1{
  text-align: center;
  color: red;
}

.container {
  display: flex;
}

.image-container {
  flex: 0 0 50%;
  margin: 10px;
}

.text-container {
  flex: 1;
  margin: 10px;
}
```

navbar.js

```
import React from "react";
import logo from '../assets/logo.jpg'
import { Link } from "react-router-dom";
import '../css/navbar.css'

function Navbar() {
    return(
        <div className="navbar">
            <div className="leftSide">
                <img src={logo} alt="logo"/>
            </div>
            <div className="rightSide">
                <Link to= "/Home">Home </Link>
            </div>
            <div className="rightSide">
                <Link to= "/Signup"> Signup</Link>
            </div>
        </div>
    )
}

export default Navbar
```

navbar.css

```
.navbar img {
    width: 100px;
    height: 100px;
}

.navbar{
    width:100%;
    height: 100px;
    background-color: black;
    display: flex;
    flex-direction: row;
}

.navbar .leftSide{
    flex: 50%;
    height: 100%;
    display: flex;
    align-items: center;
    padding-left: 30px;
}

.navbar .rightSide {
    width: 200px;
    display: flex;
    align-items: center;
}

.navbar a{
    color: white;
}
```

Signup.js

```
import React from "react";
import "../css/signup.css"

function Signup() {
    return(
        <div className="body">
            <form>
                <h1 align='center'> Signup </h1>
                <label>User Id</label>
                <input type = "text" name = 'T1' />
                <label>Password</label>
                <input type = "password" name = 'T2' />
                <label>Confirm Password</label>
                <input type = "password" name = 'T3' />
                <label>Name</label>
                <input type = "text" name = 'T4' />
                <label> Country</label>
                <select id="country" name="country">
                    <option value="">Select your country</option>
                    <option value="">India</option>
                    <option value="">UK</option>
                    <option value="">USA</option>
                    <option value="">Japan</option>
                </select>
                <button type="submit"> Submit </button>
            </form>
        </div>
    )
}

export default Signup
```

Signup.css

```
.body{
    display: flex;
    align-items: center;
    justify-content: center;
    height:100vh;
}

/* CSS for form attribute */
form{
    max-width:600px;
    width:100%;
    background-color: #fff;
    padding:20px;
    box-shadow:0 0 10px rgba(0,0,0,0.8);
    border-radius:8px;
}

/* CSS for form label */
label{
    display:block;
    margin-top:16px;
    font-weight: bold;
}

/* CSS for form input and select, same for both */
input, select{
    width:100%;
    padding: 10px;
    border-radius: 4px;
    margin-top: 15px;
    border :1px solid #ccc;
    box-sizing:border-box;
}

/* CSS for any tag belonging to group class */
.group{
    display: flex;
    gap:10px;
    font-weight: bold;
    width: 40%;
}

/* CSS for any tag belonging to group2 class */
.group2{
    display: flex;
    gap:10px;
    font-weight: normal;
    width: 40%;
}

/* CSS for button tag*/
button{
    width: 100%;
    padding: 10px;
    background-color: greenyellow;
    font-weight: bold;
    margin-top: 15px;
    border-color: white;
}

/* CSS for button tag but condition of cursor on the created object, basically hover*/
button[type='submit']:hover{
    background-color: green;
}
```

Output



The image shows the exterior of Symbiosis Institute of Technology (SIT) in Pune. On the left is a yellow and red multi-story residential or dormitory building. Next to it is a modern, curved, multi-story building with blue and yellow horizontal stripes. In front of the buildings is a pink-colored entrance gate with a yellow sign that reads "SYMBIOSIS INSTITUTE OF TECHNOLOGY". A small portrait of a person is visible above the gate. The area is landscaped with green trees and red and white striped planters. The sky is blue with some white clouds.

[Home](#) [Signup](#)

Empowering Minds: Symbiosis Institute of Technology, Pune

Welcome to Symbiosis Institute of Technology (SIT), Pune, a premier institute renowned for its excellence in engineering education. Established in , SIT Pune fosters a vibrant academic environment that equips students with the technical expertise, innovative thinking, and industry-relevant skills to thrive in the dynamic world of technology.

Output

The screenshot shows a web browser window with a dark theme. The title bar says "React App". The address bar shows the URL "localhost:3000/Signup?T1=&T2=&T3=&T4=&country=". The page content is a "Signup" form. At the top right of the form, there are "Home" and "Signup" links. The form fields are as follows:

- User Id:** ApoorvG
- Password:** (represented by four dots)
- Confirm Password:** (represented by four dots)
- Name:** Apoorv
- Country:**

A large green button at the bottom is labeled "Submit".



About Me

Hi, I am Apoorv
I study at symbiosis pune,
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