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FULL STACK DEVELOPMENT ASSIGNMENT - 6

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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

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```
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 = "/" exct Component = {Home}/>
        <Route path = "/Signup" exct Component = {Signup}/>
      </Routes>
    </Router>
  );
}

export default App;
```

You, 2 weeks ago • Uncommitted changes

Home.js

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

function Home() {
  return (
    <div>
      <h1> Welcome to SIT's temp Website </h1>
      <h1> The site is under construction </h1>
    </div>
  )
}

export default Home
```

Home.css

```
1  h1{
2    text-align: center;
3  }
```

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= "/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{
  flex: auto;
  height: 100%;
  display: flex;
  align-items: center;
  padding-right: 10px;
}

.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;
}

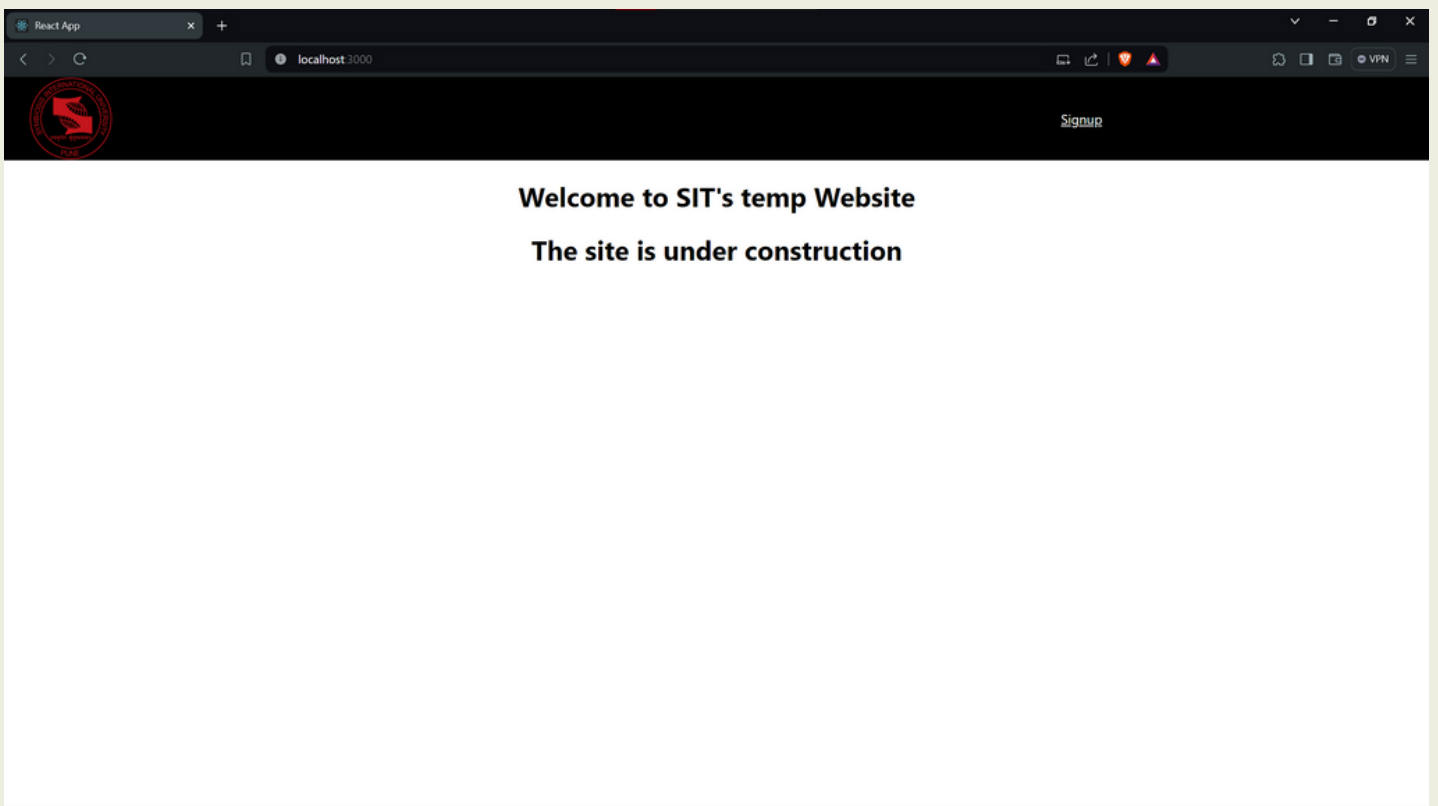
/* CSS for any tag belonging to group class */
.group{
  display: flex;
  gap:10px;
  font-weight: bold;
  width: 40%;
}

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

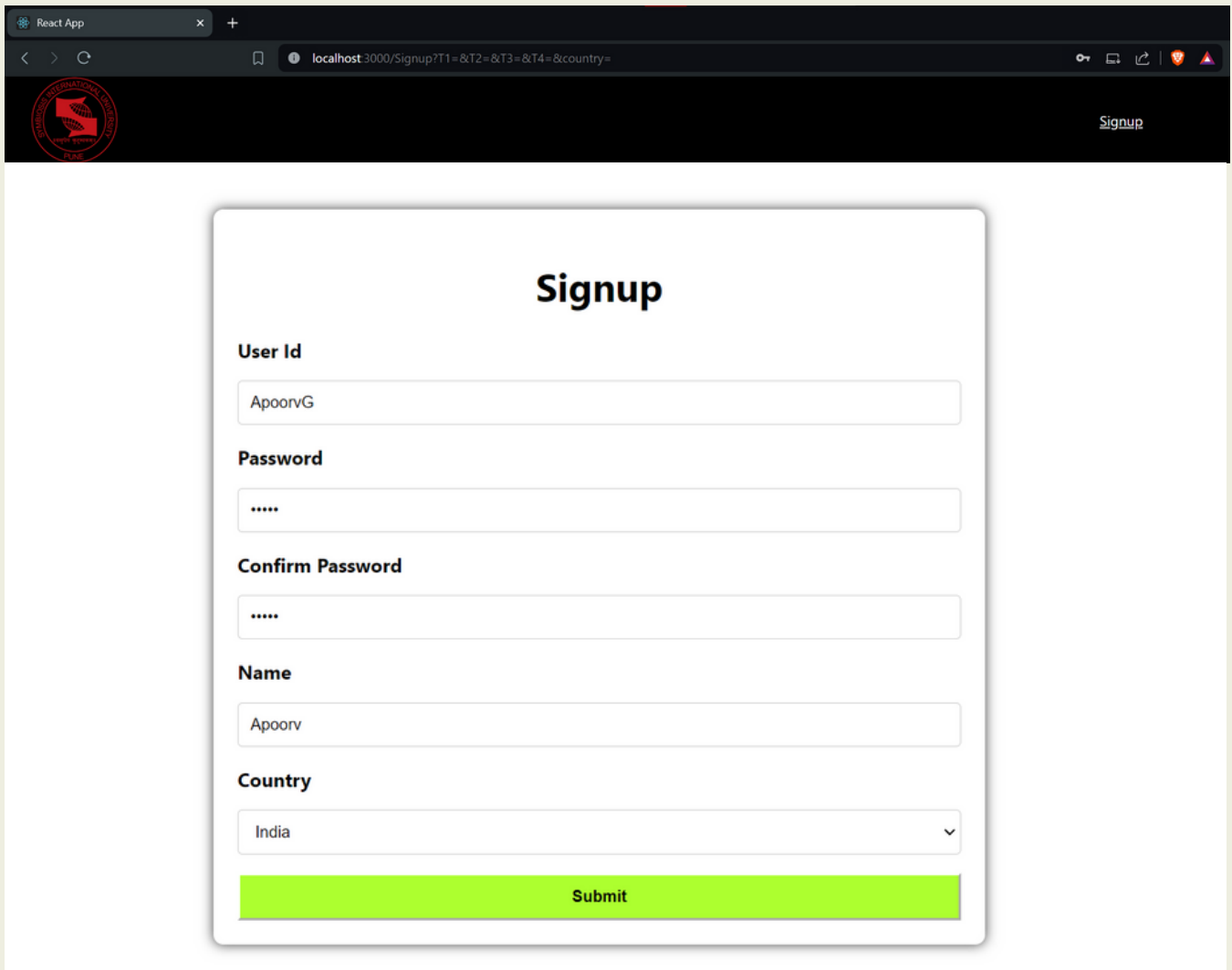
/* CSS for button tag*/
button{
  width: 100%;
  padding: 10px;
  background-color: #greenyellow;
  font-weight: bold;
  margin-top: 15px;
  border-color: white;
}

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

Output



Output



React App

localhost:3000/Signup?T1=&T2=&T3=&T4=&country=

Signup

Signup

User Id

Password

Confirm Password

Name

Country

Submit



About Me

Hi, I am Apoorv
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