**12. ReactJS-HOL**

**Code:**

**App.js**

import React from 'react';

function GuestGreeting() {

  return (

    <div>

      <h2>Welcome Guest!</h2>

      <p>Please Sign Up...</p>

    </div>

  );

}

function UserGreeting() {

  return (

    <div>

      <h2>Welcome Back, Shubhang!</h2>

      <p>You can now book tickets for your flight.</p>

    </div>

  );

}

function Greeting(props) {

  const isLoggedIn = props.isLoggedIn;

  if (isLoggedIn) {

    return <UserGreeting />;

  }

  return <GuestGreeting />;

}

function LoginButton(props) {

  return <button onClick={props.onClick}>Login</button>;

}

function LogoutButton(props) {

  return <button onClick={props.onClick}>Logout</button>;

}

class App extends React.Component {

  constructor(props) {

    super(props);

    this.state = { isLoggedIn: false };

    this.handleLoginClick = this.handleLoginClick.bind(this);

    this.handleLogoutClick = this.handleLogoutClick.bind(this);

  }

  handleLoginClick() {

    this.setState({ isLoggedIn: true });

  }

  handleLogoutClick() {

    this.setState({ isLoggedIn: false });

  }

  render() {

    const isLoggedIn = this.state.isLoggedIn;

    let button;

    if (isLoggedIn) {

      button = <LogoutButton onClick={this.handleLogoutClick} />;

    } else {

      button = <LoginButton onClick={this.handleLoginClick} />;

    }

    return (

      <div style={{ padding: '40px', fontFamily: 'Arial' }}>

        <h1>Ticket Booking App</h1>

        <Greeting isLoggedIn={isLoggedIn} />

        <br />

        {button}

      </div>

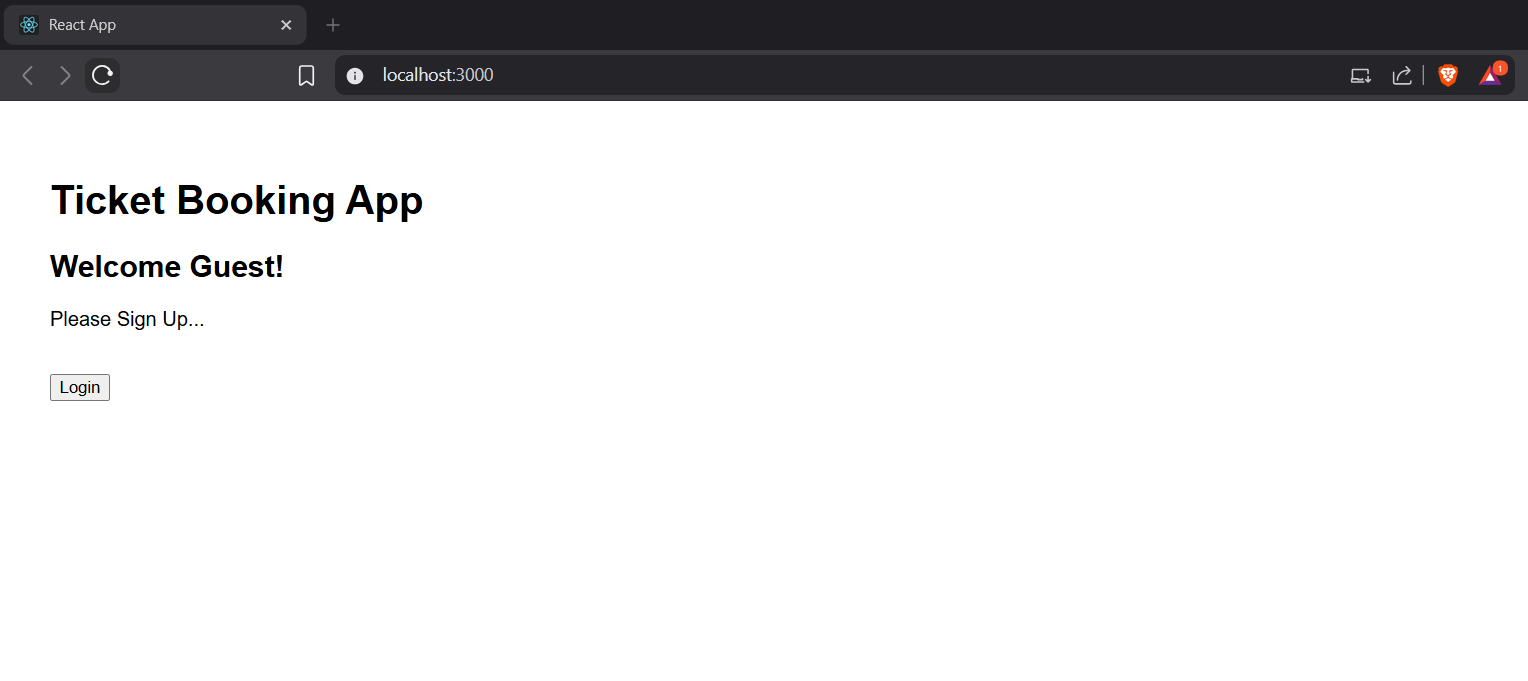
    );

  }

}

export default App;

**Screenshot:**



A screenshot of a computer

AI-generated content may be incorrect.