12.Create a React Application named “ticketbookingapp” where the guest user can browse the page where the flight details are displayed whereas the logged in user only can book tickets.

Code:

GuestPage.js:

import React from 'react';

function GuestPage() {

  return (

    <div>

      <h2>Welcome Guest</h2>

      <p>Browse flights and see available routes. Please log in to book tickets.</p>

    </div>

  );

}

export default GuestPage;

UserPage.js:

import React from 'react';

function UserPage() {

  return (

    <div>

      <h2>Welcome Back, User!</h2>

      <p>You are now logged in. You can proceed to book your flight tickets.</p>

      <button>Book Now</button>

    </div>

  );

}

export default UserPage;

App.js:

import React, { Component } from 'react';

import GuestPage from './Components/GuestPage';

import UserPage from './Components/UserPage';

class App extends Component {

  constructor(props) {

    super(props);

    this.state = {

      isLoggedIn: false,

    };

  }

  handleLogin = () => {

    this.setState({ isLoggedIn: true });

  };

  handleLogout = () => {

    this.setState({ isLoggedIn: false });

  };

  render() {

    // Element variable

    let pageContent;

    if (this.state.isLoggedIn) {

      pageContent = <UserPage />;

    } else {

      pageContent = <GuestPage />;

    }

    return (

      <div style={{ padding: '20px', fontFamily: 'Arial' }}>

        <h1>✈️ Flight Ticket Booking App</h1>

        {/\* Conditional Button Rendering \*/}

        {this.state.isLoggedIn ? (

          <button onClick={this.handleLogout}>Logout</button>

        ) : (

          <button onClick={this.handleLogin}>Login</button>

        )}

        <hr />

        {/\* Conditional Page Rendering \*/}

        {pageContent}

      </div>

    );

  }

}

export default App;

Output:





