**REACT HandsOnLAB - 13**

In this hands-on lab, you will learn how to:

* Implement conditional rendering in React applications

Create a React App named “bloggerapp” in with 3 components.

1. Book Details
2. Blog Details
3. Course Details

**Data/blogData.js**

export const blogs = [

    { id: 201, title: 'React Learning', author: 'Stephen Biz', content: 'Welcome to learning React!' },

    { id: 202, title: 'Installation', author: 'Schewzdenier', content: 'You can install React from npm.' },

];

**Data/bookData.js**

export const books = [

  { id: 101, bname: 'Master React', price: 670 },

  { id: 102, bname: 'Deep Dive into Angular 11', price: 800 },

  { id: 103, bname: 'Mongo Essentials', price: 450 },

];

**Data/courseData.js**

export const courses = [

    { id: 301, name: 'Angular', date: '4/5/2021' },

    { id: 302, name: 'React', date: '6/3/2020' },

];

**Components/BookDetails.js**

import React from 'react';

function BookDetails({ books }) {

  return (

    <ul>

      {books.map((book) => (

        <div key={book.id}>

          <h3>{book.bname}</h3>

          <h4>{book.price}</h4>

        </div>

      ))}

    </ul>

  );

}

export default BookDetails;

**Components/BlogDetails.js**

import React from 'react';

function BlogDetails({ blogs }) {

  return (

    <div>

      {blogs.map((blog) => (

        <div key={blog.id}>

          <h3>{blog.title}</h3>

          <p>{blog.author}</p>

          <p>{blog.content}</p>

        </div>

      ))}

    </div>

  );

}

export default BlogDetails;

**Components/CourseDetails.js**

import React from 'react';

function CourseDetails({ courses }) {

  return (

    <div>

      {courses.map((course) => (

        <div key={course.id}>

          <h3>{course.name}</h3>

          <p>{course.date}</p>

        </div>

      ))}

    </div>

  );

}

export default CourseDetails;

**App.js**

import React, { useState } from 'react';

import './App.css';

import { books } from './data/bookData';

import { blogs } from './data/blogData';

import { courses } from './data/courseData';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

function App() {

  const [activeView, setActiveView] = useState('all'); // 'all', 'books', 'blogs', 'courses'

  let content;

  if (activeView === 'books') {

    content = <BookDetails books={books} />;

  } else if (activeView === 'blogs') {

    content = <BlogDetails blogs={blogs} />;

  } else if (activeView === 'courses') {

    content = <CourseDetails courses={courses} />;

  } else {

    content = (

      <div className="container">

        <div className="column">

          <h1>Course Details</h1>

          <CourseDetails courses={courses} />

        </div>

        <div className="column">

          <h1>Book Details</h1>

          <BookDetails books={books} />

        </div>

        <div className="column">

          <h1>Blog Details</h1>

          <BlogDetails blogs={blogs} />

        </div>

      </div>

    );

  }

  return (

    <div className="App">

      <nav>

        <button onClick={() => setActiveView('all')}>Show All</button>

        <button onClick={() => setActiveView('books')}>Show Books</button>

        <button onClick={() => setActiveView('blogs')}>Show Blogs</button>

        <button onClick={() => setActiveView('courses')}>Show Courses</button>

      </nav>

      <hr />

      {content}

    </div>

  );

}

export default App;





