**13. ReactJS-HOL[1]**

**src/index.js**

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(<App />);

**src/App.js**

import React, { useState, useEffect } from 'react';

import './App.css';

import BookDetails from './components/BookDetails';

import BlogDetails from './components/BlogDetails';

import CourseDetails from './components/CourseDetails';

function App() {

const [books, setBooks] = useState(null);

const [blogs, setBlogs] = useState(null);

const [courses, setCourses] = useState(null);

useEffect(() => {

setTimeout(() => {

setCourses([

{ id: 1, name: 'Angular', date: '4/5/2021' },

{ id: 2, name: 'React', date: '6/3/2021' },

]);

setBooks([

{ id: 10, title: 'Master React', price: 670 },

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

{ id: 12, title: 'Mongo Essentials', price: 450 },

]);

setBlogs([

{ id: 100, title: 'React Learning', author: 'Stephen Biz', excerpt: 'Welcome to learning React!' },

{ id: 101, title: 'Installation', author: 'Schwezdnier', excerpt: 'You can install React from npm.' },

]);

}, 400);

}, []);

return (

<div className="App">

<div className="sections">

<div className="section">

<CourseDetails courses={courses} show={true} />

</div>

<div className="section">

<BookDetails books={books} show={true} />

</div>

<div className="section">

<BlogDetails blogs={blogs} filter="all" show={true} />

</div>

</div>

</div>

);

}

export default App;

**src/App.css**

body {

margin: 0;

font-family: system-ui, -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto, sans-serif;

}

.App {

padding: 40px;

}

.sections {

display: flex;

gap: 40px;

align-items: flex-start;

}

/\* Each column \*/

.section {

flex: 1;

position: relative;

padding: 0 20px;

}

/\* Vertical green divider except on last column \*/

.section:not(:last-child)::after {

content: '';

position: absolute;

right: 0;

top: 10%;

height: 80%;

width: 6px;

background-color: #1f7f1a;

border-radius: 3px;

}

/\* Headings \*/

.section h2 {

margin-top: 0;

font-size: 1.8rem;

font-weight: 700;

}

/\* Item titles \*/

.item-title {

margin: 4px 0;

font-size: 1.25rem;

font-weight: 600;

}

/\* Subtext \*/

.sub {

margin: 2px 0 8px;

font-size: 0.95rem;

font-weight: 500;

}

**src/components/CourseDetails.js**

import React from 'react';

export default function CourseDetails({ courses, show }) {

if (!show) return null;

return (

<section>

<h2>Course Details</h2>

{courses === null ? (

<p>Loading...</p>

) : (

courses.map(c => (

<div key={c.id} style={{ marginBottom: 16 }}>

<div className="item-title">{c.name}</div>

<div className="sub">{c.date}</div>

</div>

))

)}

</section>

);

}

**src/components/BookDetails.js**

import React from 'react';

export function BookDetails({ books, show }) {

if (!show) return null;

return (

<section>

<h2>Book Details</h2>

{books === null ? (

<p>Loading...</p>

) : (

books.map(b => (

<div key={b.id} style={{ marginBottom: 16 }}>

<div className="item-title">{b.title}</div>

<div className="sub">{b.price}</div>

</div>

))

)}

</section>

);

}

export default BookDetails;

**src/components/BlogDetails.js**

import React from 'react';

export function BlogDetails({ blogs, filter, show }) {

if (!show) return null;

return (

<section>

<h2>Blog Details</h2>

{blogs === null ? (

<p>Loading...</p>

) : (

blogs.map(b => (

<div key={b.id} style={{ marginBottom: 16 }}>

<div className="item-title">{b.title}</div>

<div className="sub">{b.author}</div>

<div>{b.excerpt}</div>

</div>

))

)}

</section>

);

}

export default BlogDetails;

**OUTPUT:  
A screenshot of a computer

AI-generated content may be incorrect.**