**Week-7**

**ReactJS-HOL**

**13. ReactJS-HOL hands-on**

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

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

**Implement this with as many ways possible of Conditional Rendering.**

**Code:**

**App.js**

import React, { useState } from 'react';

import './App.css';

import BookDetails from './BookDetails';

import BlogDetails from './BlogDetails';

import CourseDetails from './CourseDetails';

function App() {

  const [showSection, setShowSection] = useState('books');

  const books = [

    { id: 1, bname: "Master React", price: 670, available: true },

    { id: 2, bname: "Deep Dive Into Angular 11", price: 800, available: false },

    { id: 3, bname: "Mongo Essentials", price: 450, available: true },

    { id: 4, bname: "Node.js Basics", price: 550, available: true }

  ];

  const blogs = [

    { id: 1, title: "React Learning", author: "Stephen Biz", content: "Welcome to learning React!", featured: true },

    { id: 2, title: "Installation", author: "Schewzdenier", content: "You can install React from npm.", featured: false },

    { id: 3, title: "State Management", author: "Jane Doe", content: "Understanding useState and useEffect.", featured: true }

  ];

  const courses = [

    { id: 1, name: "Angular", date: "4/5/2021", active: true },

    { id: 2, name: "React", date: "6/3/2020", active: false },

    { id: 3, name: "Vue.js", date: "7/1/2022", active: true }

  ];

  let currentContent;

  if (showSection === 'books') {

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

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

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

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

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

  }

  return (

    <div className="app-container">

      <h1 className="main-heading">Blogger App</h1>

      <nav className="navigation">

        <button

          onClick={() => setShowSection('books')}

          className={`nav-button ${showSection === 'books' ? 'active' : ''}`}

        >

          Book Details

        </button>

        <button

          onClick={() => setShowSection('blogs')}

          className={`nav-button ${showSection === 'blogs' ? 'active' : ''}`}

        >

          Blog Details

        </button>

        <button

          onClick={() => setShowSection('courses')}

          className={`nav-button ${showSection === 'courses' ? 'active' : ''}`}

        >

          Course Details

        </button>

      </nav>

      <div className="content-display">

        {currentContent}

      </div>

    </div>

  );

}

export default App;

**App.css**

body {

  margin: 0;

  font-family: 'Inter', sans-serif;

  background-color: #f4f7f6;

  display: flex;

  justify-content: center;

  align-items: flex-start;

  min-height: 100vh;

  padding: 20px;

  box-sizing: border-box;

}

.app-container {

  background-color: #ffffff;

  padding: 30px;

  border-radius: 12px;

  box-shadow: 0 4px 20px rgba(0, 0, 0, 0.1);

  width: 100%;

  max-width: 900px;

  text-align: center;

}

.main-heading {

  color: #2c3e50;

  margin-bottom: 30px;

  font-size: 2.8em;

  font-weight: bold;

}

.navigation {

  margin-bottom: 30px;

  display: flex;

  justify-content: center;

  gap: 15px;

}

.nav-button {

  padding: 12px 25px;

  border: none;

  border-radius: 8px;

  cursor: pointer;

  font-size: 1.1em;

  font-weight: bold;

  transition: background-color 0.3s ease, transform 0.2s ease, box-shadow 0.2s ease;

  background-color: #ecf0f1;

  color: #34495e;

  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.08);

}

.nav-button:hover {

  background-color: #dbe4e6;

  transform: translateY(-2px);

  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

}

.nav-button.active {

  background-color: #3498db;

  color: white;

  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);

}

.nav-button.active:hover {

  background-color: #2980b9;

}

.content-display {

  margin-top: 20px;

  padding: 25px;

  border: 1px solid #e0e0e0;

  border-radius: 10px;

  background-color: #fdfdfd;

  min-height: 300px;

  display: flex;

  flex-direction: column;

  align-items: center;

}

.details-section {

  width: 100%;

}

.details-section h2 {

  color: #34495e;

  margin-bottom: 25px;

  font-size: 2em;

}

.details-grid {

  display: grid;

  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));

  gap: 20px;

  justify-content: center;

  width: 100%;

}

.detail-item {

  background-color: #ecf0f1;

  border: 1px solid #bdc3c7;

  border-radius: 10px;

  padding: 20px;

  text-align: left;

  box-shadow: 0 2px 8px rgba(0, 0, 0, 0.08);

  transition: transform 0.2s ease;

}

.detail-item:hover {

  transform: translateY(-5px);

}

.detail-item h3 {

  color: #2c3e50;

  margin-top: 0;

  margin-bottom: 10px;

  font-size: 1.4em;

}

.detail-item h4 {

  color: #34495e;

  margin-bottom: 8px;

  font-size: 1.1em;

}

.detail-item p {

  color: #555;

  font-size: 0.95em;

  line-height: 1.5;

}

.available {

  color: #27ae60;

  font-weight: bold;

}

.unavailable {

  color: #e74c3c;

  font-weight: bold;

}

.featured-badge {

  background-color: #9b59b6;

  color: white;

  padding: 5px 10px;

  border-radius: 5px;

  font-size: 0.8em;

  font-weight: bold;

  display: inline-block;

  margin-top: 10px;

}

.status-active {

  color: #27ae60;

  font-weight: bold;

}

.status-archived {

  color: #95a5a6;

  font-weight: bold;

}

.enroll-message {

  color: white;

  font-weight: bold;

  margin-top: 10px;

  border: none;

  font-size: 0.9rem;

  border-radius: 5px;

  background-color: #1d86cc;

  padding: 5px 10px;

}

.no-data-message {

  color: #e74c3c;

  font-size: 1.2em;

  margin-top: 50px;

}

**BookDetails.js**

import React from 'react';

function BookItem({ book }) {

  const availabilityStatus = book.available ?

    <span className="available">Available</span> :

    <span className="unavailable">Out of Stock</span>;

  return (

    <div className="detail-item book-item">

      <h3>{book.bname}</h3>

      <h4>Price: Rs. {book.price}</h4>

      <p>Status: {availabilityStatus}</p>

    </div>

  );

}

function BookDetails({ books }) {

  if (!books || books.length === 0) {

    return <p className="no-data-message">No book details available.</p>;

  }

  return (

    <div className="details-section">

      <h2>Book Details</h2>

      <div className="details-grid">

        {books.map(book => (

          <BookItem key={book.id} book={book} />

        ))}

      </div>

    </div>

  );

}

export default BookDetails;

**BlogDetails.js**

import React from 'react';

function BlogItem({ blog }) {

  const featuredBadge = blog.featured ? (

    <span className="featured-badge">Featured</span>

  ) : null;

  return (

    <div className="detail-item blog-item">

      <h3>{blog.title}</h3>

      <h4>Author: {blog.author}</h4>

      <p>{blog.content}</p>

      {featuredBadge}

    </div>

  );

}

function BlogDetails({ blogs }) {

  if (!blogs || blogs.length === 0) {

    return <p className="no-data-message">No blog details available.</p>;

  }

  return (

    <div className="details-section">

      <h2>Blog Details</h2>

      <div className="details-grid">

        {blogs.map(blog => (

          <BlogItem key={blog.id} blog={blog} />

        ))}

      </div>

    </div>

  );

}

export default BlogDetails;

**CourseDetails.js**

import React from 'react';

function CourseItem({ course }) {

  const statusText = course.active ? "Active" : "Archived";

  const statusClass = course.active ? "status-active" : "status-archived";

  return (

    <div className="detail-item course-item">

      <h3>{course.name}</h3>

      <h4>Date: {course.date}</h4>

      <p className={statusClass}>Status: {statusText}</p>

      {course.active && <span className="enroll-message">Enroll now!</span>}

    </div>

  );

}

function CourseDetails({ courses }) {

  if (!courses || courses.length === 0) {

    return <p className="no-data-message">No course details available.</p>;

  }

  return (

    <div className="details-section">

      <h2>Course Details</h2>

      <div className="details-grid">

        {courses.map(course => (

          <CourseItem key={course.id} course={course} />

        ))}

      </div>

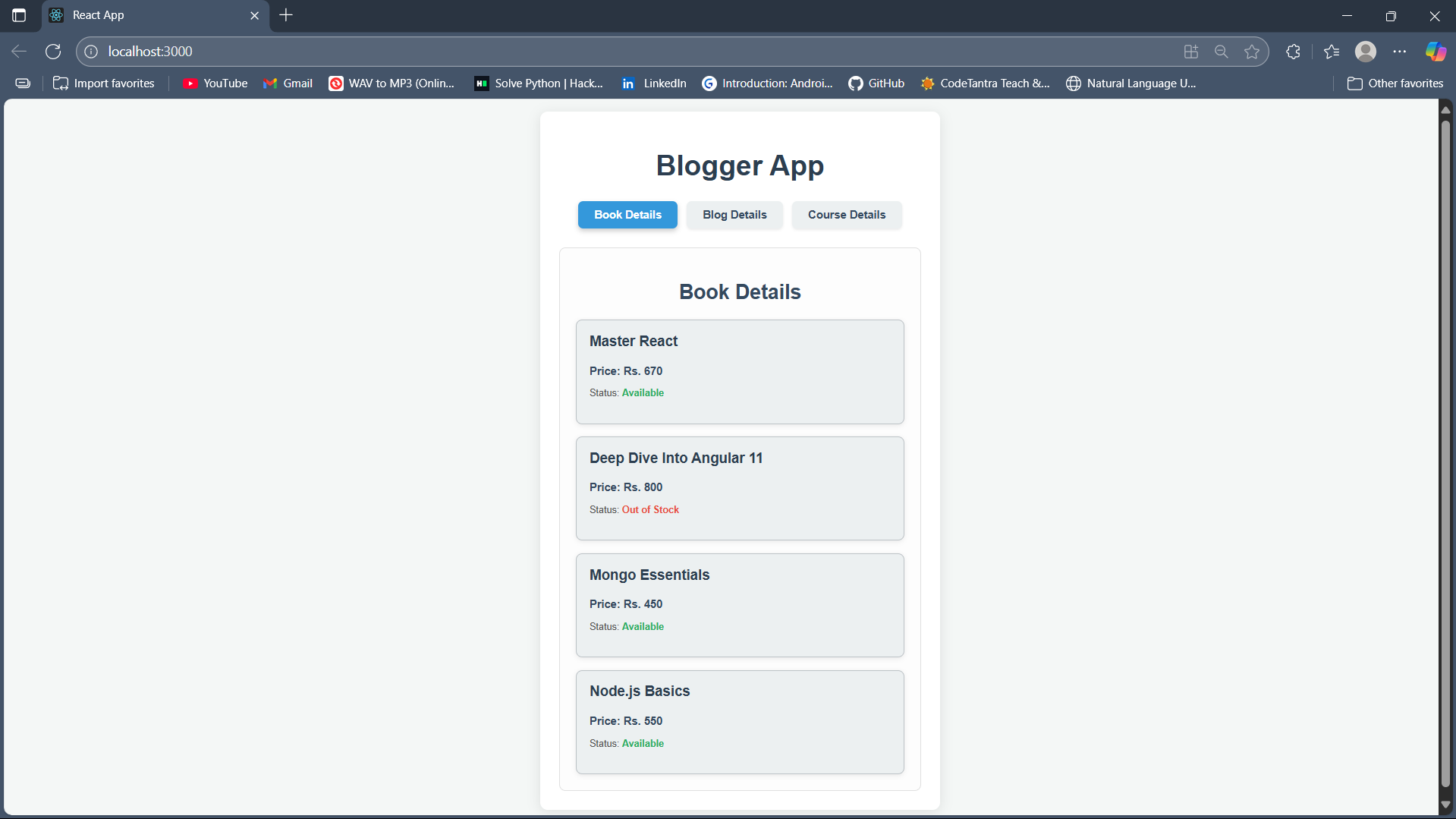
    </div>

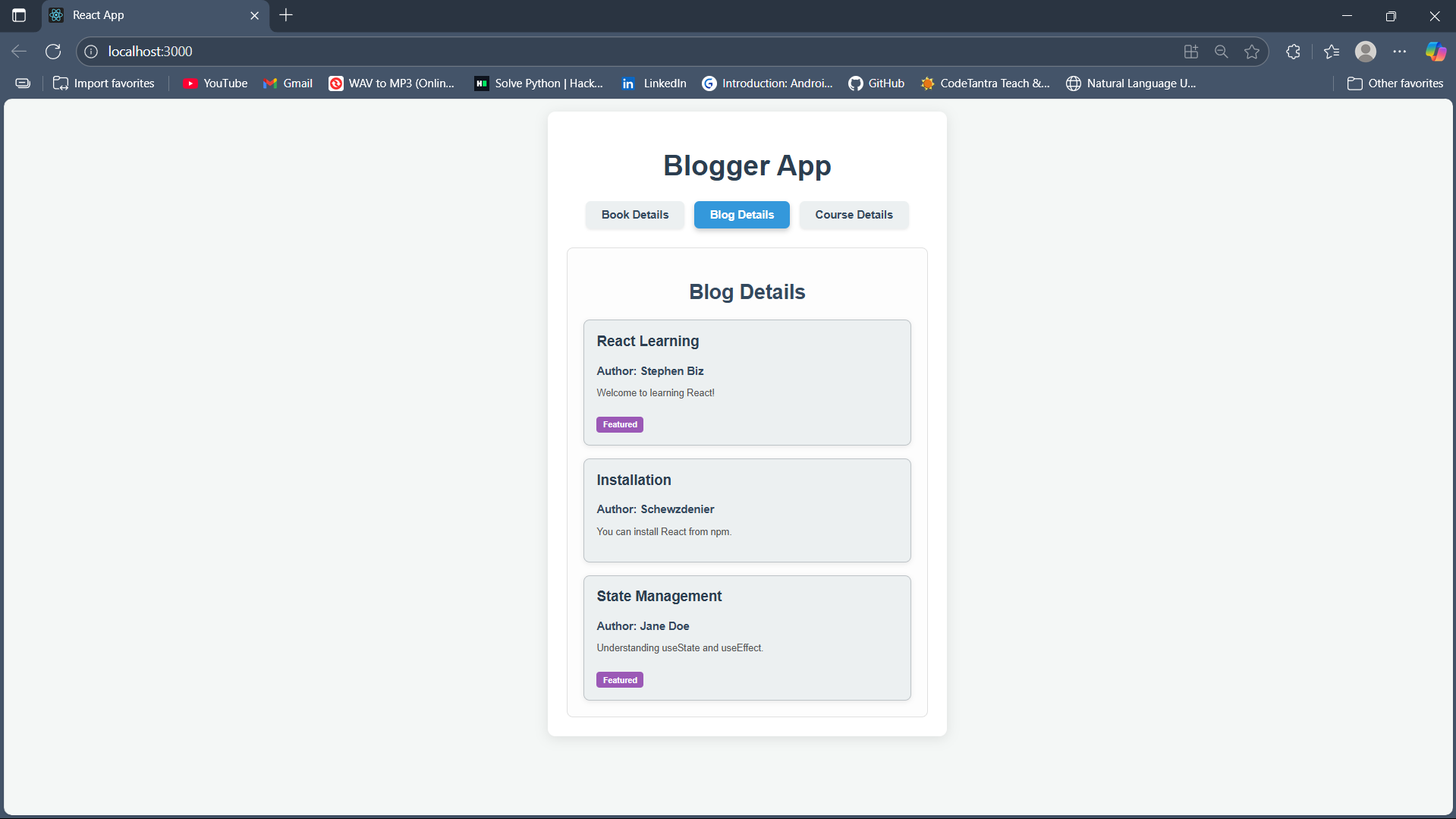
  );

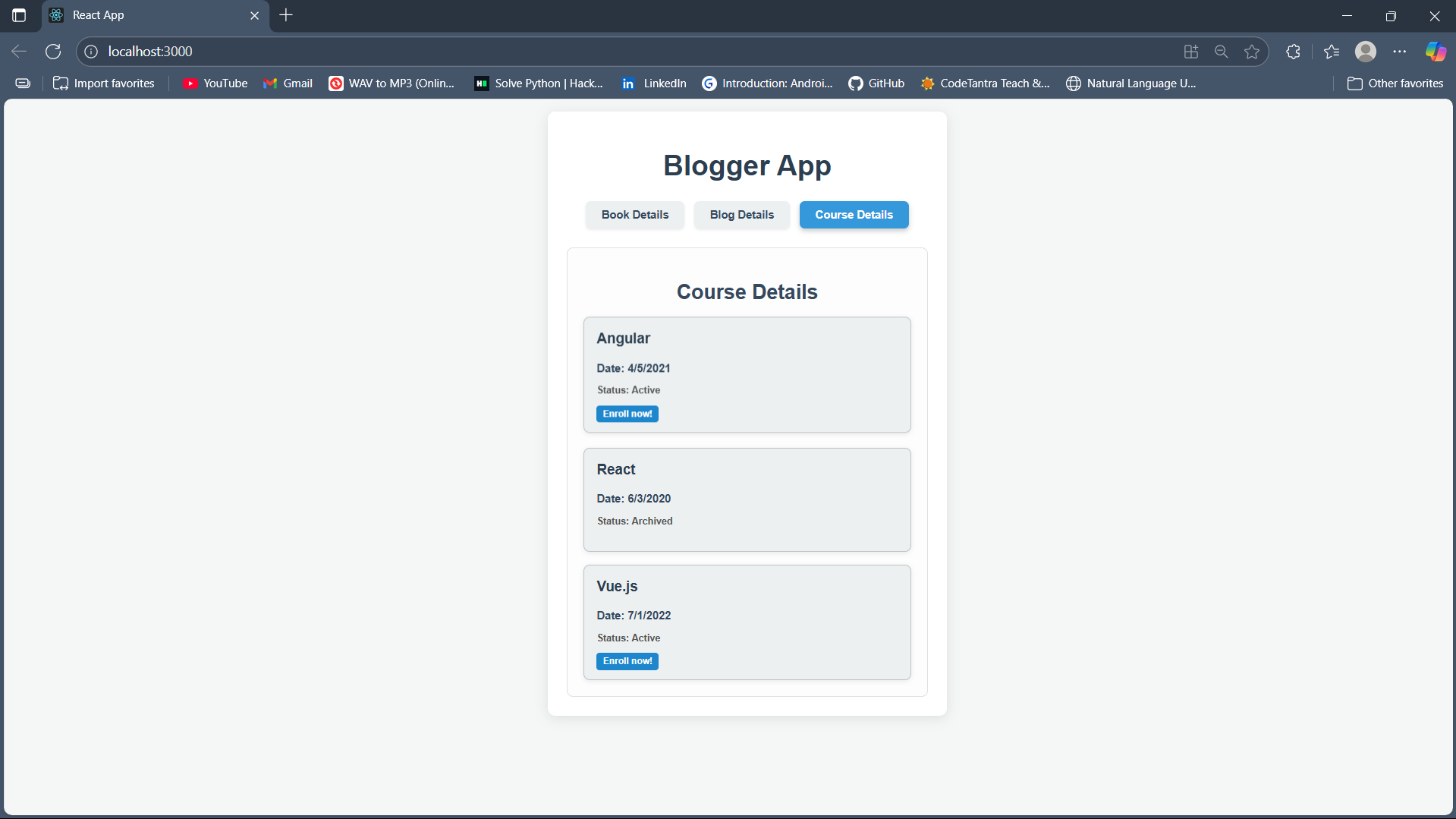
}

export default CourseDetails;

**Output:**

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