**CODE**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<link rel="icon" href="%PUBLIC\_URL%/favicon.ico" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<meta name="theme-color" content="#000000" />

<meta

name="description"

content="Web site created using create-react-app"

/>

<link rel="apple-touch-icon" href="%PUBLIC\_URL%/logo192.png" />

<!--

manifest.json provides metadata used when your web app is installed on a

user's mobile device or desktop. See https://developers.google.com/web/fundamentals/web-app-manifest/

-->

<link rel="manifest" href="%PUBLIC\_URL%/manifest.json" />

<!--

Notice the use of %PUBLIC\_URL% in the tags above.

It will be replaced with the URL of the `public` folder during the build.

Only files inside the `public` folder can be referenced from the HTML.

Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC\_URL%/favicon.ico" will

work correctly both with client-side routing and a non-root public URL.

Learn how to configure a non-root public URL by running `npm run build`.

-->

<title>React App</title>

</head>

<body>

<noscript>You need to enable JavaScript to run this app.</noscript>

<div id="root"></div>

<!--

This HTML file is a template.

If you open it directly in the browser, you will see an empty page.

You can add webfonts, meta tags, or analytics to this file.

The build step will place the bundled scripts into the <body> tag.

To begin the development, run `npm start` or `yarn start`.

To create a production bundle, use `npm run build` or `yarn build`.

-->

</body>

</html>

.App {

text-align: center;

}

.App-logo {

height: 40vmin;

pointer-events: none;

}

@media (prefers-reduced-motion: no-preference) {

.App-logo {

animation: App-logo-spin infinite 20s linear;

}

}

.App-header {

background-color: #282c34;

min-height: 100vh;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

font-size: calc(10px + 2vmin);

color: white;

}

.App-link {

color: #61dafb;

}

@keyframes App-logo-spin {

from {

transform: rotate(0deg);

}

to {

transform: rotate(360deg);

}

}

import React from 'react';

import { BrowserRouter, Routes, Route, Link } from 'react-router-dom';

import Home from './Home';

import TrainerList from './TrainerList';

import TrainerDetails from './TrainerDetails';

import { trainers } from './TrainersMock';

function App() {

return (

<BrowserRouter>

<div>

<h1>Trainers App</h1>

<nav>

<Link to="/">Home</Link> | <Link to="/trainers">Trainers List</Link>

</nav>

<hr />

<Routes>

<Route path="/" element={<Home />} />

<Route path="/trainers" element={<TrainerList data={trainers} />} />

<Route path="/trainer/:id" element={<TrainerDetails />} />

</Routes>

</div>

</BrowserRouter>

);

}

export default App;

import { render, screen } from '@testing-library/react';

import App from './App';

test('renders learn react link', () => {

render(<App />);

const linkElement = screen.getByText(/learn react/i);

expect(linkElement).toBeInTheDocument();

});

import React from 'react';

function Home() {

return (

<div>

<h2>Welcome to Cognizant Academy</h2>

</div>

);

}

export default Home;

import React from 'react';

import { useParams } from 'react-router-dom';

import { trainers } from './TrainersMock';

function TrainerDetails() {

const { id } = useParams();

const trainer = trainers.find(t => t.trainerId === parseInt(id));

if (!trainer) {

return <p>Trainer not found</p>;

}

return (

<div>

<h2>Trainer Details</h2>

<p><strong>Name:</strong> {trainer.name}</p>

<p><strong>Email:</strong> {trainer.email}</p>

<p><strong>Phone:</strong> {trainer.phone}</p>

<p><strong>Technology:</strong> {trainer.technology}</p>

<p><strong>Skills:</strong> {trainer.skills.join(', ')}</p>

</div>

);

}

export default TrainerDetails;

import React from 'react';

import { Link } from 'react-router-dom';

function TrainerList({ data }) {

return (

<div>

<h2>Trainers List</h2>

<ul>

{data.map((trainer) => (

<li key={trainer.trainerId}>

<Link to={`/trainer/${trainer.trainerId}`}>{trainer.name}</Link>

</li>

))}

</ul>

</div>

);

}

export default TrainerList;

import { Trainer } from './trainer';

export const trainers = [

new Trainer(1, "ABC", "abc@example.com", "9876543210", "Java", ["Spring", "Hibernate"]),

new Trainer(2, "BCD", "bcd@example.com", "8765432109", "Python", ["Django", "Flask"]),

new Trainer(3, "CDE", "cde@example.com", "7654321098", "React", ["Hooks", "Redux"])

];

import React from 'react';

import ReactDOM from 'react-dom/client';

import './index.css';

import App from './App';

import reportWebVitals from './reportWebVitals';

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

root.render(

<React.StrictMode>

<App />

</React.StrictMode>

);

// If you want to start measuring performance in your app, pass a function

// to log results (for example: reportWebVitals(console.log))

// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals

reportWebVitals();

const reportWebVitals = onPerfEntry => {

if (onPerfEntry && onPerfEntry instanceof Function) {

import('web-vitals').then(({ getCLS, getFID, getFCP, getLCP, getTTFB }) => {

getCLS(onPerfEntry);

getFID(onPerfEntry);

getFCP(onPerfEntry);

getLCP(onPerfEntry);

getTTFB(onPerfEntry);

});

}

};

export default reportWebVitals;

// jest-dom adds custom jest matchers for asserting on DOM nodes.

// allows you to do things like:

// expect(element).toHaveTextContent(/react/i)

// learn more: https://github.com/testing-library/jest-dom

import '@testing-library/jest-dom';

export class Trainer {

constructor(trainerId, name, email, phone, technology, skills) {

this.trainerId = trainerId;

this.name = name;

this.email = email;

this.phone = phone;

this.technology = technology;

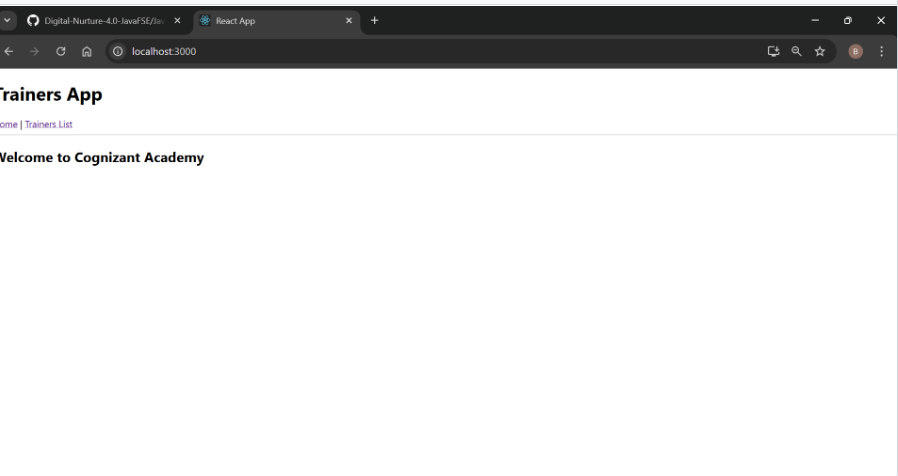
this.skills = skills;

}

}

**OUTPUTA screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated**