**WEEK 6**

**Module 10 – Single Page Application framework – React**

**6. ReactJS-HOL**

**CODE:**

**src/Trainer.js**

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;

}

}

export default Trainer;

**src/TrainersMock.js**

import Trainer from './Trainer';

const trainersMock = [

new Trainer("T-001", "Syed Khaleelullah", "khaleelullah@cognizant.com", "8767615692", "C#", ["C#", "SQL Server", "React", ".NET Core"]),

new Trainer("T-002", "Joe John", "joejohn@cognizant.com", "9890983211", "Java", ["Java", "JSP", "Angular", "Spring"]),

new Trainer("T-003", "Elisa Moss", "elisa@cognizant.com", "9900987231", "Python", ["Python", "Django", "Angular"])

];

export default trainersMock;

**src/TrainerList.js**

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

function TrainersList({ trainers }) {

return (

<div>

<h3>Trainers List</h3>

<ul>

{trainers.map((trainer) => (

<li key={trainer.trainerId}>

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

</li>

))}

</ul>

</div>

);

}

export default TrainersList;

**src/Home.js**

function Home() {

return (

<div>

<h3>Welcome to My Academy trainers page</h3>

</div>

);

}

export default Home;

**src/App.js**

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

import Home from './Home';

import TrainersList from './TrainerList';

import TrainerDetail from './TrainerDetails';

import trainersMock from './TrainersMock';

function App() {

return (

<BrowserRouter>

<div>

<h2>My Academy Trainers App</h2>

<nav>

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

</nav>

<Routes>

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

<Route path="/trainers" element={<TrainersList trainers={trainersMock} />} />

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

</Routes>

</div>

</BrowserRouter>

);

}

export default App;

**src/TrainerDetails.js**

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

import trainersMock from './TrainersMock';

function TrainerDetail() {

const { id } = useParams();

const trainer = trainersMock.find((t) => t.trainerId === id)

if (!trainer) return <p>Trainer not found</p>

return (

<div>

<h3>Trainers Details</h3>

<p><strong>{trainer.name} ({trainer.technology})</strong></p>

<p>{trainer.email}</p>

<p>{trainer.phone}</p>

<ul>

{trainer.skills.map((skill, index) => (

<li key={index}>{skill}</li>

))}

</ul>

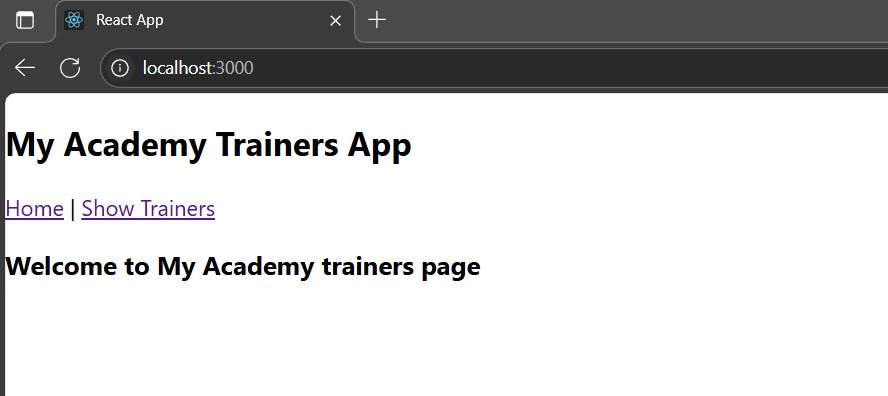
</div>

);

}

export default TrainerDetail;

**OUTPUT:**



A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.