**ReactJS-HOL**

Cognizant Academy teams want to maintain a list of trainers along with their expertise in a SPA using React as the technology. You are assigned the task of creating this React app.

**Home.js**

import React from 'react';

function Home() {

  const pageStyle = {

    padding: '20px',

    border: '1px solid #ccc',

    marginTop: '10px'

  };

  return (

    <div style={pageStyle}>

      <h4>Welcome to My Academy trainers page</h4>

    </div>

  );

}

export default Home;

**TrainerDetail.js**

import React from 'react';

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

import trainersMock from '../trainer/TrainersMock';

function TrainerDetail() {

  const { id } = useParams(); // Get the ID from the URL

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

  const detailStyle = {

    padding: '20px',

    border: '1px solid #ccc',

    marginTop: '10px'

  };

  if (!trainer) {

    return <div style={detailStyle}><h4>Trainer not found!</h4></div>;

  }

  return (

    <div style={detailStyle}>

      <h4>Trainers Details</h4>

      <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;

**TrainersList.js**

import React from 'react';

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

import trainersMock from '../trainer/TrainersMock';

function TrainersList() {

  const listStyle = {

    padding: '20px',

    border: '1px solid #ccc',

    marginTop: '10px'

  };

  return (

    <div style={listStyle}>

      <h4>Trainers List</h4>

      <ul>

        {trainersMock.map(trainer => (

          <li key={trainer.trainerId}>

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

          </li>

        ))}

      </ul>

    </div>

  );

}

export default TrainersList;

**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;

**TrainersMock.js**

import Trainer from './Trainer';

const trainersMock = [

  new Trainer('T-Syed',

    'Syed Khaleelullah',

    'khaleelullah@cognizant.com',

    '9763516962',

    '.NET',

    ['C#', 'SQL Server', 'React', '.NET Core']

  ),

  new Trainer('T-Jojo',

    'Jojo Jose',

    'jojo@cognizant.com',

    '9897392131',

    'Java',

    ['Java', 'JSP', 'Angular', 'Spring']

  ),

  new Trainer('T-Elisa',

    'Elisa Jones',

    'elisa@cognizant.com',

    '9871212235',

    'Python',

    ['Python', 'Django', 'Angular']

  )

];

export default trainersMock;

**App.js**

import React from 'react';

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

import Home from './Components/Home';

import TrainersList from './Components/TrainersList';

import TrainerDetail from './Components/TrainerDetail';

function App() {

  const appStyle = {

    fontFamily: 'Arial, sans-serif',

    margin: '20px'

  };

  const navStyle = {

    paddingBottom: '10px',

    borderBottom: '2px solid black'

  };

  const linkStyle = {

    margin: '0 10px',

    textDecoration: 'none'

  };

  return (

    <Router>

      <div style={appStyle}>

        <h2>My Academy Trainers App</h2>

        <nav style={navStyle}>

          <Link to="/" style={linkStyle}>Home</Link>

          |

          <Link to="/trainers" style={linkStyle}>Show Trainers</Link>

        </nav>

        <Routes>

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

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

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

        </Routes>

      </div>

    </Router>

  );

}

export default App;

**Output:**

