**WEEK 6 : REACT Hands On 6**

**Creating a Simple Trainer React Application**

**Code :**

**App.js**

import React from 'react';

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

import Home from './Home';

import TrainersList from './TrainerList';

import TrainerDetail from './TrainerDetails';

import trainerList from './TrainersMock';

function App() {

  return (

    <BrowserRouter>

      <div>

        <h1>Cognizant Academy - Trainers App</h1>

        <nav>

          <Link to="/">Home</Link> |{" "}

          <Link to="/trainers">Trainers</Link>

        </nav>

        <hr />

        <Routes>

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

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

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

        </Routes>

      </div>

    </BrowserRouter>

  );

}

export default App;

**trainer.js**

class Trainer {

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

    this.TrainerId = id;

    this.Name = name;

    this.Email = email;

    this.Phone = phone;

    this.Technology = technology;

    this.Skills = skills;

  }

}

export default Trainer;

**TrainerDetails.js**

import React from 'react';

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

import trainerList from './TrainersMock';

function TrainerDetail() {

  const { id } = useParams();

  const trainer = trainerList.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}</p>

    </div>

  );

}

export default TrainerDetails;

**TrainerList.js**

import React from 'react';

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

function TrainersList({ trainers }) {

  return (

    <div>

      <h2>Trainers List</h2>

      <ul>

        {trainers.map(trainer => (

          <li key={trainer.TrainerId}>

            <Link to={`/trainers/${trainer.TrainerId}`}>{trainer.Name}</Link>

          </li>

        ))}

      </ul>

    </div>

  );

}

export default TrainersList;

**TrainersMock.js**

import Trainer from './trainer';

const trainerList = [

  new Trainer(1, "Ravi Kumar", "ravi.kumar@example.com", "9876543210", "Java", "Spring, Hibernate"),

  new Trainer(2, "Neha Sharma", "neha.sharma@example.com", "7894561230", "Python", "Django, Flask"),

  new Trainer(3, "Amit Verma", "amit.verma@example.com", "9123456780", "JavaScript", "React, Node.js"),

  new Trainer(4, "Priya Singh", "priya.singh@example.com", "9345678123", "DevOps", "Docker, Kubernetes"),

];

export default trainerList;

**OUTPUT:**





