**6. ReactJS-HOL**

**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-syed8",

"Syed Khaleelullah",

"khaleelullah@cognizant.com",

"97676516962",

".NET",

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

),

new Trainer(

"t-jojo",

"Jojo Jose",

"jojo@cognizant.com",

"9897199231",

"Java",

["Java", "JSP", "Angular", "Spring"]

),

new Trainer(

"t-elisa",

"Elisa Jones",

"elisa@cognizant.com",

"9871212235",

"Python",

["Python", "Django", "Angular"]

),

];

export default trainersMock;

**trainersList.js:**

import React from "react";

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

import trainersMock from "./TrainersMock";

function TrainersList() {

  return (

    <div>

      <h2>Trainers List</h2>

      <ul>

        {trainersMock.map((trainer) => (

          <li key={trainer.trainerId}>

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

          </li>

        ))}

      </ul>

    </div>

  );

}

export default TrainersList;

**trainerDetail.js:**

import React from "react";

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

import trainersMock from "./TrainersMock";

const TrainerDetail = () => {

  const { id } = useParams();

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

  if (!trainer) {

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

  }

  return (

    <div>

      <h2>{trainer.name}</h2>

      <p>Email: {trainer.email}</p>

      <p>Phone: {trainer.phone}</p>

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

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

    </div>

  );

};

export default TrainerDetail;

**Home.js:**

import React from "react";

function Home() {

  return (

    <div>

      <h2>Welcome to My Academy trainers page</h2>

    </div>

  );

}

export default Home;

**App.js:**

import React from "react";

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

import Home from "./Home";

import TrainersList from "./TrainersList";

import TrainerDetail from "./trainerDetail";

function App() {

  return (

    <Router>

      <div>

        <header>

          <h1>My Academy</h1>

          <nav>

            <ul style={{ listStyle: "none", display: "flex", gap: "20px", padding: 0 }}>

              <li>

                <Link to="/">Home</Link>

              </li>

              <li>

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

              </li>

            </ul>

          </nav>

        </header>

        <hr />

        <Routes>

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

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

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

        </Routes>

      </div>

    </Router>

  );

}

export default App;

**Output:**









