**6.REACTJS**

**Home.js**

import React from "react";

function Home() {

  return (

    <div>

      <h1>Welcome to TrainersApp</h1>

      <p>This is the home page.</p>

    </div>

  );

}

export default Home;

**TrainerDetail.js**

import React from "react";

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

import trainers from "../TrainersMock";

function TrainerDetail() {

  const { id } = useParams();

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

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

          </li>

        ))}

      </ul>

    </div>

  );

}

export default TrainersList;

**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/TrainerList";

import TrainerDetail from "./components/TrainerDetail";

import trainers from "./TrainersMock";

function App() {

  return (

    <Router>

      <nav>

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

      </nav>

      <Routes>

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

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

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

      </Routes>

    </Router>

  );

}

export default App;

**index.js**

import React from "react";

import ReactDOM from "react-dom/client";

import App from "./App";

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

root.render(

  <React.StrictMode>

    <App />

  </React.StrictMode>

);

**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**

const trainers = [

  {

    trainerId: 1,

    name: "John Doe",

    email: "john@example.com",

    phone: "1234567890",

    technology: "React",

    skills: ["JS", "React", "Redux"]

  },

  {

    trainerId: 2,

    name: "Jane Smith",

    email: "jane@example.com",

    phone: "0987654321",

    technology: "Angular",

    skills: ["TS", "Angular", "RxJS"]

  }

];

export default trainers;

**Output:**



