ProgressTest 1

Code:

import React from "react";

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

import "bootstrap/dist/css/bootstrap.min.css";

import Login from "./components/Login";

import LaptopList from "./components/LaptopList";

import LaptopDetail from "./components/LaptopDetail";

function App() {

  return (

    <Router>

      <Routes>

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

        <Route path="/laptops" element={<LaptopList />} />

        <Route path="/laptops/:id" element={<LaptopDetail />} />

      </Routes>

    </Router>

  );

}

export default App;

import React, { useState } from "react";

import PropTypes from "prop-types";

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

import axios from "axios";

import { Button, Form, Modal } from "react-bootstrap";

function Login() {

  const [username, setUsername] = useState("");

  const [password, setPassword] = useState("");

  const [showModal, setShowModal] = useState(false);

  const [validUser, setValidUser] = useState("");

  const navigate = useNavigate();

  const handleLogin = async (e) => {

    e.preventDefault();

    const res = await axios.get("http://localhost:3001/UserAccounts");

    const user = res.data.find(

      (u) => u.username === username && u.password === password

    );

    if (user) {

      setValidUser(user.username);

      setShowModal(true);

      setTimeout(() => {

        setShowModal(false);

        navigate("/laptops");

      }, 1000);

    } else {

      alert("Invalid username or password!");

    }

  };

  return (

    <div className="container mt-5" style={{ maxWidth: "400px" }}>

      <h2>Login</h2>

      <Form onSubmit={handleLogin}>

        <Form.Group>

          <Form.Label>Username</Form.Label>

          <Form.Control

            type="text"

            value={username}

            onChange={(e) => setUsername(e.target.value)}

            required

          />

        </Form.Group>

        <Form.Group className="mt-3">

          <Form.Label>Password</Form.Label>

          <Form.Control

            type="password"

            value={password}

            onChange={(e) => setPassword(e.target.value)}

            required

          />

        </Form.Group>

        <Button type="submit" className="mt-3">Login</Button>

      </Form>

      <Modal show={showModal} onHide={() => setShowModal(false)}>

        <Modal.Body>Welcome, {validUser} login Successful!</Modal.Body>

      </Modal>

    </div>

  );

}

Login.propTypes = {

  setUser: PropTypes.func,

};

export default Login;

import React, { useEffect, useState } from "react";

import axios from "axios";

import { Card, Button, Row, Col, Form, Container } from "react-bootstrap";

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

function LaptopList() {

  const [laptops, setLaptops] = useState([]);

  const [allLaptops, setAllLaptops] = useState([]);

  const [search, setSearch] = useState("");

  const navigate = useNavigate();

  useEffect(() => {

    fetchLaptops();

  }, []);

  const fetchLaptops = async () => {

    const res = await axios.get("http://localhost:3001/Laptops");

    setLaptops(res.data);

    setAllLaptops(res.data);

  };

  // ✅ Filter tự động khi search thay đổi

  useEffect(() => {

    if (search.trim() === "") {

      setLaptops(allLaptops);

    } else {

      const filtered = allLaptops.filter((l) =>

        l.model.toLowerCase().includes(search.toLowerCase()) ||

        l.brand.toLowerCase().includes(search.toLowerCase())

      );

      setLaptops(filtered);

    }

  }, [search, allLaptops]);

  return (

    <Container className="py-5">

      <h2 className="mb-4 text-center">💻 Laptop List</h2>

      <Form className="d-flex justify-content-center mb-4">

        <Form.Control

          type="text"

          placeholder="Search by brand or model..."

          style={{ maxWidth: "300px" }}

          value={search}

          onChange={(e) => setSearch(e.target.value)}

        />

      </Form>

      <Row xs={1} md={2} lg={4} className="g-4">

        {laptops.map((laptop) => (

          <Col key={laptop.id}>

            <Card className="h-100 shadow-sm rounded">

              <Card.Img

                variant="top"

                src={laptop.image}

                style={{

                  height: "200px",

                  objectFit: "cover",

                  borderTopLeftRadius: "0.5rem",

                  borderTopRightRadius: "0.5rem",

                }}

              />

              <Card.Body className="d-flex flex-column">

                <Card.Title>

                  {laptop.brand} - {laptop.model}

                </Card.Title>

                <Card.Text>

                  Year: {laptop.year} <br />

                  Price: {laptop.price}

                </Card.Text>

                <Button

                  variant="primary"

                  onClick={() => navigate(`/laptops/${laptop.id}`)}

                  className="mt-auto"

                >

                  View Details

                </Button>

              </Card.Body>

            </Card>

          </Col>

        ))}

      </Row>

    </Container>

  );

}

export default LaptopList;

import React, { useEffect, useState } from "react";

import axios from "axios";

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

import { Container, Row, Col, Button, Card } from "react-bootstrap";

function LaptopDetail() {

  const { id } = useParams();

  const [laptop, setLaptop] = useState(null);

  const navigate = useNavigate();

  useEffect(() => {

    const fetchLaptop = async () => {

      try {

        const res = await axios.get(`http://localhost:3001/Laptops/${id}`);

        setLaptop(res.data);

      } catch (err) {

        setLaptop(null);

      }

    };

    fetchLaptop();

  }, [id]);

  if (!laptop) return <h2 className="text-center mt-5">404 - Laptop Not Found</h2>;

  return (

    <Container className="py-5">

      <Row className="justify-content-center">

        <Col md={8}>

          <Card className="shadow-sm">

            <Row className="g-0">

              <Col md={5}>

                <Card.Img

                  src={laptop.image}

                  alt={laptop.model}

                  style={{ width: "100%", height: "100%", objectFit: "cover" }}

                />

              </Col>

              <Col md={7}>

                <Card.Body>

                  <Card.Title as="h2">{laptop.brand} - {laptop.model}</Card.Title>

                  <Card.Text className="fs-5">

                    <strong>Year:</strong> {laptop.year}<br/>

                    <strong>Price:</strong> {laptop.price}

                  </Card.Text>

                  <Button variant="primary" onClick={() => navigate(-1)}>⬅️ Back</Button>

                </Card.Body>

              </Col>

            </Row>

          </Card>

        </Col>

      </Row>

    </Container>

  );

}

export default LaptopDetail;

Kết quả:









