import { useState } from "react";

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

import axios from "axios";

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

const Login = () => {

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

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

  const [error, setError] = useState(null);

  const navigate = useNavigate();

  const handleLogin = async (e) => {

    e.preventDefault();

    setError(null);

    try {

      const response = await axios.get(

        `http://localhost:3001/UserAccounts?username=${username}&password=${password}`

      );

      if (response.data.length > 0) {

        alert(`Welcome, ${username}! Login Successful!`);

        navigate("/products"); // liên kết trang

      } else {

        setError("Invalid username or password!");

      }

    } catch (error) {

      console.error("Login error:", error);

      setError("An error occurred during login. Please try again.");

    }

  };

  return (

    <Container className="d-flex justify-content-center align-items-center vh-100" style={{ backgroundColor: "#f9c6cf" }}>

      <Card style={{ width: "22rem", backgroundColor: "#f0768b" }} className="p-4 shadow-lg">

        <Card.Body>

          <h2 className="text-center mb-4">Login</h2>

          {error && <Alert variant="danger">{error}</Alert>}

          <Form onSubmit={handleLogin}>

            <Form.Group className="mb-3">

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

              <Form.Control

                type="text"

                placeholder="Enter username"

                value={username}

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

                required

              />

            </Form.Group>

            <Form.Group className="mb-3">

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

              <Form.Control

                type="password"

                placeholder="Enter password"

                value={password}

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

                required

              />

            </Form.Group>

            <Button variant="primary" type="submit" className="w-100">

              Login

            </Button>

          </Form>

        </Card.Body>

      </Card>

    </Container>

  );

};

export default Login;

import { useEffect, useState } from "react";

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

import axios from "axios";

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

const ProductList = () => {

  const [products, setProducts] = useState([]);

  const [searchTerm, setSearchTerm] = useState("");

  const [sortOption, setSortOption] = useState("default");

  useEffect(() => {

    axios.get("http://localhost:3001/Products")

      .then((res) => setProducts(res.data))

      .catch((err) => console.error(err));

  }, []);

  // Lọc sản phẩm theo tìm kiếm

  const filteredProducts = products.filter((product) =>

    product.name.toLowerCase().includes(searchTerm.toLowerCase())

  );

  // Sắp xếp sản phẩm theo giá (loại bỏ ký hiệu $ nếu có)

  const sortedProducts = [...filteredProducts].sort((a, b) => {

    const priceA = parseFloat(a.price.toString().replace(/[^0-9.]/g, ""));

    const priceB = parseFloat(b.price.toString().replace(/[^0-9.]/g, ""));

    if (sortOption === "priceAsc") return priceA - priceB;

    if (sortOption === "priceDesc") return priceB - priceA;

    return 0;

  });

  return (

    <Container className="min-vh-100 py-4">

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

      {/\* Thanh tìm kiếm và sắp xếp \*/}

      <Row className="mb-3">

        <Col md={6}>

          <Form.Control

            type="text"

            placeholder="Search product..."

            value={searchTerm}

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

          />

        </Col>

        <Col md={6}>

          <Form.Select value={sortOption} onChange={(e) => setSortOption(e.target.value)}>

            <option value="default">Default</option>

            <option value="priceAsc">Price: Low to High</option>

            <option value="priceDesc">Price: High to Low</option>

          </Form.Select>

        </Col>

      </Row>

      <Row className="g-4">

        {sortedProducts.map((product) => (

          <Col key={product.id} xs={12} sm={6} md={4} lg={3}>

            <Card className="shadow-sm">

              <Card.Img

                variant="top"

                src={product.image}

                alt={product.name}

                style={{ height: "200px", objectFit: "cover" }}

                onError={(e) => e.target.src = "/images/default.png"}

              />

              <Card.Body>

                <Card.Title>{product.name}</Card.Title>

                <Card.Text>{product.description}</Card.Text>

                <Card.Text className="text-primary fw-bold">${parseFloat(product.price.toString().replace(/[^0-9.]/g, ""))}</Card.Text>

                <Link to={`/products/${product.id}`}>

                  <Button variant="primary" className="w-100">View Details</Button>

                </Link>

              </Card.Body>

            </Card>

          </Col>

        ))}

      </Row>

    </Container>

  );

};

export default ProductList;

import { useEffect, useState } from "react";

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

import axios from "axios";

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

const ProductDetail = () => {

  const { id } = useParams();

  const [product, setProduct] = useState(null);

  const navigate = useNavigate();

  useEffect(() => {

    axios.get(`http://localhost:3001/Products/${id}`)

      .then((res) => setProduct(res.data))

      .catch((err) => console.error(err));

  }, [id]);

  if (!product)

    return <div className="text-center mt-5"><Spinner animation="border" variant="primary" /></div>;

  return (

    <Container className="d-flex justify-content-center align-items-center min-vh-100" style={{ backgroundColor: "#ffe6f2" }}>

      <Card className="shadow-lg p-4" style={{ width: '28rem' }}>

        <Card.Img

          variant="top"

          src={process.env.PUBLIC\_URL + product.image}

          alt={product.name}

          className="p-3 rounded"

          onError={(e) => e.target.src = process.env.PUBLIC\_URL + "/images/default.png"}

        />

        <Card.Body>

          <Card.Title className="fw-bold text-center">{product.name}</Card.Title>

          <Card.Text><strong>Category:</strong> {product.category}</Card.Text>

          <Card.Text><strong>Price:</strong> ${product.description}</Card.Text>

          <Card.Text>{product.description}</Card.Text>

          <Button

            variant="secondary"

            className="w-100 mt-3"

            onClick={() => navigate("/products")}

          >

            Back to Products

          </Button>

        </Card.Body>

      </Card>

    </Container>

  );

};

export default ProductDetail;

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

import Login from "./page/Login";

import ProductList from "./components/ProductList";

import ProductDetail from "./components/ProductDetail";

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

function App() {

  return (

    <Router>

      <Routes>

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

        <Route path="/products" element={<ProductList />} />

        <Route path="/products/:id" element={<ProductDetail />} />

      </Routes>

    </Router>

  );

}

export default App;

