

Tugas Pertemuan 10

1. Home.js

```
import React from "react";
import { Container, Row, Col, Button, Card } from "react-bootstrap";
import { Link } from "react-router-dom";
import heroImage from "../assets/hero-image.jpg";
import mhsPhoto from "../assets/mhs.jpg";

import CustomCard from "../components/CustomCard";

const Home = () => {
  return (
    <div className="container mt-5">
      <Container>
        <Row className="align-items-center">
          <Col md={6}>
            <h1 style={{ color: "white" }}>Welcome to My App!!</h1>
            <br />
            <CustomCard
              title="Yohanes Dimas Pratama"
              textNIM="A11.2021.13254"
              textKampus="Universitas Dian Nuswantoro"
              imageSrc={mhsPhoto}
              style={{ margin: "auto" }}
            />
          </Col>
          <Col md={6} className="mt-4 mt-md-0">
            <Card>
              <Card.Img variant="top" src={heroImage} alt="Hero Image" />
              <Card.Body>
                <Card.Title className="text-center">
                  What is User Management App?
                </Card.Title>
                <br />
                <Card.Text className="text-center mx-5">
                  This application is designed to provide an intuitive and
                  enjoyable experience in user data management. Using React
                  and
                  React Bootstrap technology, this application not only
                  makes it
```

```

        easier for users to add user data, but also provides an
        interactive experience in displaying user information
        efficiently and attractively.
    </Card.Text>
    <br />
    <div className="text-end">
        <Button
            as={Link}
            to="/users"
            variant="info"
            className="float-end"
        >
            Lihat Data Pengguna
        </Button>
    </div>
</Card.Body>
</Card>
</Col>
</Row>
</Container>
</div>
);
};

export default Home;

```

2. CustomCard.js

```

import React from "react";
import Card from "react-bootstrap/Card";

function CustomCard({ title, textNIM, textKampus, imageSrc }) {
    return (
        <Card style={{ width: "18rem" }}>
            <Card.Img variant="top" src={imageSrc} />
            <Card.Body>
                <Card.Title className="text-center" style={{ fontSize: "23px" }}>
                    {title}
                </Card.Title>
                <br />
                <Card.Text className="text-center" style={{ fontSize: "16px" }}>
                    {textNIM}
                </Card.Text>
                <Card.Text
                    className="text-center"
                    style={{ fontSize: "16px", marginTop: "-10px" }}
                >
                    {textKampus}
            </Card.Body>
        </Card>
    );
}

```

```

        </Card.Text>
      </Card.Body>
    </Card>
  );
}

export default CustomCard;

```

1. Navbar.js

```

import Container from "react-bootstrap/Container";
import Nav from "react-bootstrap/Nav";
import Navbar from "react-bootstrap/Navbar";
import NavDropdown from "react-bootstrap/NavDropdown";
import { Link } from "react-router-dom";

function Navigation() {
  return (
    <Navbar expand="lg" className="bg-body-tertiary">
      <Container>
        <Navbar.Brand as={Link} to="/" className="mx-auto">
          User Management App
        </Navbar.Brand>
        <Navbar.Toggle aria-controls="basic-navbar-nav" />
        <Navbar.Collapse id="basic-navbar-nav">
          <Nav className="mx-auto">
            <Nav.Link as={Link} to="/" className="mx-2">
              Home
            </Nav.Link>
            <Nav.Link as={Link} to="/users" className="mx-2">
              Users
            </Nav.Link>
            <NavDropdown
              title="Another Menu"
              id="basic-nav-dropdown"
              className="mx-2"
            >
              <NavDropdown.Item href="#action/3.1">
                Coming Soon
              </NavDropdown.Item>
              <NavDropdown.Divider />
              <NavDropdown.Item href="#action/3.2">
                Coming Soon
              </NavDropdown.Item>
              <NavDropdown.Divider />
              <NavDropdown.Item href="#action/3.3">
                Coming Soon
              </NavDropdown.Item>
            </NavDropdown>
          </Nav>
        </Navbar.Collapse>
      </Container>
    </Navbar>
  );
}

```

```

        <NavDropdown.Divider />
        <NavDropdown.Item href="#action/3.4">
            Coming Soon
        </NavDropdown.Item>
    </NavDropdown>
</Nav>
<Navbar.Text>
    Mata Kuliah: <a href="#login">Pemrograman Sisi Client</a>
</Navbar.Text>
</Navbar.Collapse>
</Container>
</Navbar>
);
}

export default Navigation;

```

2. AddUserForm.js

```

import React, { useState, useContext } from "react";
import { useDispatch } from "react-redux";
import { addUser } from "../redux/actions";
import { UserContext } from "../context/UserContext";
import { Form, Button, Card } from "react-bootstrap";

const AddUserForm = () => {
    const [name, setName] = useState("");
    const [email, setEmail] = useState("");
    const [city, setCity] = useState("");
    const [phone, setPhone] = useState("");
    const [website, setWebsite] = useState("");

    const { users, setUsers } = useContext(UserContext);
    const dispatch = useDispatch();

    const handleSubmit = (e) => {
        e.preventDefault();
        const newUser = {
            id: users.length + 1,
            name,
            email,
            address: {
                city,
            },
            phone,
            website,
        };
    };

```

```

setUsers([...users, newUser]);

dispatch(addUser(newUser));

setName("");
setEmail("");
setCity("");
setPhone("");
setWebsite("");
};

return (
  <Card className="my-3 add-user-form">
    <Card.Body>
      <Card.Title
        primary
        style={{ color: "#0d6efd", textAlign: "center", fontSize: "30px"
      </Card.Title>
      <Form
        onSubmit={handleSubmit}
        style={{ color: "black", marginTop: "10px" }}
        <Form.Group className="mb-3" controlId="formName">
          <Form.Label>Name</Form.Label>
          <Form.Control
            type="text"
            placeholder="Enter name"
            value={name}
            onChange={(e) => setName(e.target.value)}
            required
          />
        </Form.Group>

        <Form.Group className="mb-3" controlId="formEmail">
          <Form.Label>Email address</Form.Label>
          <Form.Control
            type="email"
            placeholder="Enter email"
            value={email}
            onChange={(e) => setEmail(e.target.value)}
            required
          />
        </Form.Group>

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

```

```

        <Form.Label>City</Form.Label>
        <Form.Control
          type="text"
          placeholder="Enter city"
          value={city}
          onChange={(e) => setCity(e.target.value)}
          required
        />
      </Form.Group>

      <Form.Group className="mb-3" controlId="formPhone">
        <Form.Label>Phone</Form.Label>
        <Form.Control
          type="text"
          placeholder="Enter phone"
          value={phone}
          onChange={(e) => setPhone(e.target.value)}
          required
        />
      </Form.Group>

      <Form.Group className="mb-3" controlId="formWebsite">
        <Form.Label>Website</Form.Label>
        <Form.Control
          type="text"
          placeholder="Enter website"
          value={website}
          onChange={(e) => setWebsite(e.target.value)}
        />
      </Form.Group>

      <Button
        variant="success"
        type="submit"
        style={{ marginTop: "10px", width: "100%" }}
      >
        Add User
      </Button>
    </Form>
  </Card.Body>
</Card>
);
};

export default AddUserForm;

```

3. Users.js

```
import React, { useContext, useEffect, useState } from "react";
import { useDispatch, useSelector } from "react-redux";
import UserCard from "../components/UserCard";
import { UserContext } from "../context/UserContext";
import {
  setUsers,
  deleteUser,
  editUser as editUserAction,
} from "../redux/actions";
import AddUserForm from "../components/AddUserForm";
import {
  Container,
  Row,
  Col,
  Modal,
  Form,
  Button,
  Pagination,
  Card,
} from "react-bootstrap";

const Users = () => {
  const { users } = useContext(UserContext);
  const dispatch = useDispatch();
  const reduxUsers = useSelector((state) => state.users);
  const [editUser, setEditUser] = useState(null);
  const [currentPage, setCurrentPage] = useState(1);
  const usersPerPage = 6;

  useEffect(() => {
    dispatch(setUsers(users));
  }, [users, dispatch]);

  const handleDeleteUser = (userId) => {
    dispatch(deleteUser(userId));
  };

  const handleEditUser = (user) => {
    setEditUser(user);
  };

  const handleCloseEditModal = () => {
    setEditUser(null);
  };

  const handleSaveEditedUser = () => {
    dispatch(editUserAction(editUser));
  };
}
```

```

    handleCloseEditModal();
  };

  const indexOfLastUser = currentPage * usersPerPage;
  const indexOfFirstUser = indexOfLastUser - usersPerPage;
  const currentUsers = reduxUsers.slice(indexOfFirstUser, indexOfLastUser);
  const totalPages = Math.ceil(reduxUsers.length / usersPerPage);

  const paginate = (pageNumber) => setCurrentPage(pageNumber);

  const handleNextPage = () => {
    if (currentPage < totalPages) {
      setCurrentPage(currentPage + 1);
    }
  };

  const handlePrevPage = () => {
    if (currentPage > 1) {
      setCurrentPage(currentPage - 1);
    }
  };

  return (
    <Container>
      <Row style={{ marginTop: "100px" }}>
        <Col md={4}>
          <AddUserForm />
        </Col>
        <Col md={8}>
          <Row>
            <h1
              style={{ color: "white", textAlign: "center", fontSize:
"30px" }}
            >
              List Data User
            </h1>
            {currentUsers.map((user) => (
              <Col key={user.id} sm={12} md={6} lg={4}>
                <UserCard
                  user={user}
                  onDelete={handleDeleteUser}
                  onEdit={handleEditUser}
                />
              </Col>
            ))}
          </Row>
          <Pagination className="justify-content-center mt-2">
            <Pagination.Prev

```



```

        onClick={handlePrevPage}
        disabled={currentPage === 1}
        style={{ marginRight: "10px" }}
      >
        Sebelumnya
      </Pagination.Prev>
      {[...Array(totalPages)].map((_, index) => (
        <Pagination.Item
          key={index + 1}
          active={index + 1 === currentPage}
          onClick={() => paginate(index + 1)}
        >
          {index + 1}
        </Pagination.Item>
      ))}
      <Pagination.Next
        onClick={handleNextPage}
        disabled={currentPage === totalPages}
        style={{ marginLeft: "10px" }}
      >
        Selanjutnya
      </Pagination.Next>
    </Pagination>
  </Col>
</Row>

<Modal show={!editUser} onHide={handleCloseEditModal}>
  <Modal.Header closeButton>
    <Modal.Title>Edit User</Modal.Title>
  </Modal.Header>
  <Modal.Body>
    <Form>
      <Form.Group className="mb-3" controlId="formName">
        <Form.Label>Name</Form.Label>
        <Form.Control
          type="text"
          placeholder="Enter name"
          value={editUser?.name || ""}
          onChange={(e) =>
            setEditUser({ ...editUser, name: e.target.value })
          }
          required
        />
      </Form.Group>

      <Form.Group className="mb-3" controlId="formEmail">
        <Form.Label>Email address</Form.Label>
        <Form.Control

```

```

        type="email"
        placeholder="Enter email"
        value={editUser?.email || ""}
        onChange={(e) =>
            setEditUser({ ...editUser, email: e.target.value })
        }
        required
    />
</Form.Group>

<Form.Group className="mb-3" controlId="formCity">
    <Form.Label>City</Form.Label>
    <Form.Control
        type="text"
        placeholder="Enter city"
        value={editUser?.address.city || ""}
        onChange={(e) =>
            setEditUser({
                ...editUser,
                address: { ...editUser.address, city: e.target.value },
            })
        }
        required
    />
</Form.Group>

<Button variant="primary" onClick={handleSaveEditedUser}>
    Save Changes
</Button>
</Form>
</Modal.Body>
</Modal>
</Container>
);
};

export default Users;

```

4. App.js

```

import React from "react";
import { BrowserRouter as Router, Route, Routes } from "react-router-dom";
import { Provider } from "react-redux";
import Navigation from "../components/Navbar";
import Home from "../pages/Home";
import Users from "../pages/Users";
import { UserProvider } from "../context/UserContext";
import store from "../redux/store";

```

```

const App = () => {
  return (
    <Provider store={store}>
      <UserProvider>
        <Router>
          <div className="App bg-dark" style={{ minHeight: "100vh" }}>
            <Navigation />
            <Routes>
              <Route exact path="/" element={<Home />} />
              <Route path="/users" element={<Users />} />
            </Routes>
          </div>
        </Router>
      </UserProvider>
    </Provider>
  );
};

export default App;

```

5. useContext.js

```

import React, { createContext, useState, useEffect } from 'react';

export const UserContext = createContext();

export const UserProvider = ({ children }) => {
  const [users, setUsers] = useState([]);

  useEffect(() => {
    const fetchUsers = async () => {
      const response = await
fetch('https://jsonplaceholder.typicode.com/users');
      const data = await response.json();
      setUsers(data);
    };
    fetchUsers();
  }, []);

  return (
    <UserContext.Provider value={{ users, setUsers }}>
      {children}
    </UserContext.Provider>
  );
};

```

6. Tampilan hasil menjalankan aplikasi

User Management App

HomeUsersAnother Menu *

Mata Kuliah: Pemrograman Sisi Client

Add Data User

Name

Enter name

Email address

Enter email

City

Enter city

Phone

Enter phone

Website

Enter website

Add User

List Data User

Leanne Graham

Sincere@agril.biz

City: Gwenborough

Phone: 1-770-736-0031 x56442

Website: hildegard.org

EditDelete

Ervin Howell

Shanna@melissa.tv

City: Wisokyburgh

Phone: 010-692-6593 x09125

Website: anastasia.net

EditDelete

Clementine Bauch

Nathan@yesenia.net

City: McKenziehaven

Phone: 1-463-123-4447

Website: ramiro.info

EditDelete

Patricia Lebsack

Julianne.OConner@kory.org

City: South Elvis

Phone: 493-170-9623 x156

Website: kale.biz

EditDelete

Chelsey Dietrich

Lucio_Hettinger@annie.ca

City: Roscoeview

Phone: (254)954-1289

Website: demarco.info

EditDelete

Mrs. Dennis Schulist

Karley_Dach@jasper.info

City: South Christy

Phone: 1-477-935-8478 x6430

Website: ola.org

EditDelete

Sebelumnya12Selanjutnya