## TUGAS PERORANGAN/INDIVIDU

Modul 6

Redux

## Disusun sebagai

MATA KULIAH: Pemerograman Berbasis Framework

Oleh:

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TI-3A / 19

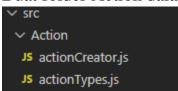
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## PROGRAM STUDI D-IV T.INFORMATIKA JURUSAN TEKNOLOGI INFORMASI POLITEKNIK NEGERI MALANG 2020

## **PRAKTIKUM**

1. Buat folder Action dalam src



2. Buat file actionCreator.js pada folder Action

```
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                                                                            JS actionCreator.js X JS actionTypes.js
                                                                                                                                                                                  JS Mair ♥ Ⅲ ··
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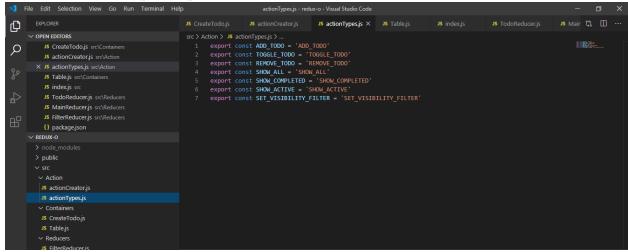
✓ OPEN EDITORS

                                                                import { ADD_TODO, REMOVE_TODO, TOGGLE_TODO, SET_VISIBILITY_FILTER } from './actionTypes';
         JS CreateTodo.is src\Containers
                                                                let TodoId = 2
export const addTodo = text => ({
    type: ADD_TODO,
                                                                     id: TodoId++,
          JS FilterReducer.is src\Reducers
          {} package.ison
                                                                 type: REMOVE_TODO,
id: id
      ∨ REDUX-O
                                                                 export const toggleTodo = (id) => ({
                                                                    type: TOGGLE_TODO, id: id

✓ Action

          JS actionCreator.js
         JS actionTypes.js
         Containers
                                                                export const setVisibilityFilter = filter => ({
         JS CreateTodo.js
```

3. Buat file actionTypes.js pada folder Action



4. Dalam folder scr buat folder bernama container dan buat file CreateTodo.js

```
🚺 File Edit Selection View Go Run Terminal Help
                                                          JS CreateTodo.js X JS actionCreator.js JS actionTypes.js
                                                                                                                                                                                       JS Mair ♥ □ ··
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      \checkmark OPEN EDITORS
                                                             1 import React, {Component} from 'react'
2 import { connect } from 'react-redux'
3 import { addTodo } from '.Action/actionCreator'
4 import { bindActionCreators } from 'redux'
          JS actionTypes.js src\Action
           JS Table.js src\Containers
                                                                           super(props)
this.state = {
      ∨ REDUX-O
                                                                            this.onChangeTodoText = this.onChangeTodoText.bind(this)
        > public
                                                                       onChangeTodoText(e){
                                                                            this.setState({
                                                                                todotext: e.target.value
                                                                       render(){

∨ Containers

                                                                           JS CreateTodo.is
          JS Table.is
                                                                                 type="text" className="form-
```

5. Buat file Table.js pada folder Container

```
📢 File Edit Selection View Go Run Terminal Help
                                                                                                                   Table.js - redux-o - Visual Studio Code
                                                                                                                                                                    JS Table.js X JS index.js
Ф
                                                                             src > Containers > Js Table is > $\frac{2}{3} \text{ Table is } \frac{2}{3} \text{ Import } \{ connect \} \text{ from "react-redux";} \]

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              JS CreateTodo.js src\Containers
              JS actionCreator.js src\Action
                                                                                             deleteTodo,
                                                                                             setVisibilityFilter
                                                                                        } from "../Action/actionCreator";
import { SHOW_ALL, SHOW_COMPLETED, SHOW_ACTIVE } from "../Action/actionTypes";
import { bindActionCreators } from "redux";
              JS TodoReducer.js src\Reducers
              JS MainReducer.is src\Reducers
              JS FilterReducer.is src\Reducers
             {} package.json
         ∨ REDUX-O
                                                                                        class Table extends Component {
                                                                                                          <div className="col-lg-10 offset-lg-1 col-md-10 col-sm-12 col-xs-12">
<nav style={{ marginTop: "60px" }}>

            Action
             JS actionCreator.js
             JS actionTypes.js
                                                                                                           className={"breadcrumb-item "+ (this.props.visibilityFilter === SHOW_ALL ?
                                                                                                          'active' : '') }
onClick={() => this.props.setVisibilityFilter(SHOW_ALL)}
```

6. Edit index.js

```
√ File Edit Selection View Go Run Terminal Help

                                                                                                                                                                                                                                                JS index.js X JS TodoReducer.js
Ф

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                                                                                                              Js index(s) > ...
import React from 'react';
import ReactDOM from 'react-dom';
import { provider } from 'react-redux';
import { createStore, applyMiddleware, compose } from 'redux';
import CreateTodo from './Containers/CreateTodo';
import MainReducer from './Reducers/MainReducer';
import Table from './Containers/Table';
import Table from './Containers/Table';
import './index.css';
import App from './App';
import * as serviceWorker from './serviceWorker';
                   JS actionCreator.js src\Action
                  JS Table.is src\Containers
              X JS index.js src
          ∨ REDUX-O
                                                                                                                const store = compose(window.devToolsExtension ? window.devToolsExtension() : f \Rightarrow f)(createStore)(MainReducer)
               Containers
                 JS CreateTodo.is
                JS Table.js
                                                                                                                ReactDOM.render(<Provider store = {store}>
                                                                                                                   <CreateTodo />
<Table />
                JS TodoReducer.js
               # App.css
                                                                                                                    document.getElementById('root')
               JS App.is
                JS App.test.is
```

7. Buat folder reducers dan buat file bernama filterReducers.js

```
JS Table.js
                                                                                                                                                                                          JS FilterReducer.js × ເຖື Ⅲ ···
D

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                                                                         import {
SHOW_ALL,
            JS TodoReducer.is src\Reducers
                                                                         const visibilityFilter = (state = SHOW_ALL, action) => {
    switch (action.type) {
           JS MainReducer.is src\Reducers
                                                                             case SET_VISIBILITY_FILTER:
return action.filter;
      ∨ REDUX-O
           JS CreateTodo.js
           JS Table.is
                                                                         export default visibilityFilter;
         Reducers
           JS FilterReducer.is
           JS MainReducer.js
```

8. Buat file TodoReducers.js dalam folder reducers

```
JS TodoReducer.js X JS MainReducer.js JS FilterReducer.js
D

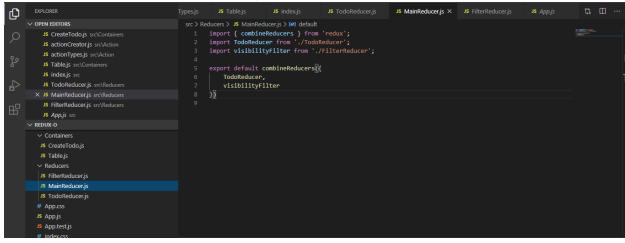
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                                                              src > Reducers > JS TodoReducer.js > [∅] default
                                                                      import { ADD_TODO, REMOVE_TODO, TOGGLE_TODO} from '../Action/actionTypes';
           JS CreateTodo.js src\Containers
                                                                      const TodoReducer = (state=INITIAL_DATA, action) => {
                                                                                case ADD TODO:
          JS MainReducer.js src\Reducers
                                                                                               id: action.id,
text: action.text,
           JS FilterReducer.js src\Reducers
       ∨ REDUX-O
                                                                                     return state.map(todo => (todo.id === action.id)
          JS Table.js

→ Reducers

                                                                                          ? {...todo, completed: !todo.completed}
: todo
          JS FilterReducer.is
          JS MainReducer.is
          JS TodoReducer.js
                                                                                    const numIndex = parseInt(action.id)
return state.filter(todo => todo.id !== numIndex);
```

9. Buat file bernama MainReducers.js



10. Running dan amati hasil

