## LAPORAN MODUL 6 Redux



## Disusun oleh:

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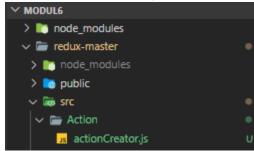
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Kelas : TI-3A

PROGRAM STUDI D-VI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2020

## A. Praktikum

1. Buat Folder dalam src yaitu Action



2. Buat file dan beri nama actionCreator.js

```
EXPLORER
                                                                                                                                                  JS actionCreator.js X JS actionsTypes.js
                                                                                                                                                                                                                                                                                           Js CreateTodo.js
                                                                                                                                                                                                                                                                                                                                                           Js Table.js
                                                                                                                                                                                                                                                                                                                                                                                                                   Js index.js
                                                                                                                                                   redux-master > src > Action > _{18} actionCreator.js > _{10} toggleTodo > _{10} id 1 import { ADD_TODO, REMOVE_TODO, TOGGLE_TODO, SET_VISIBILITY_FILTER } from

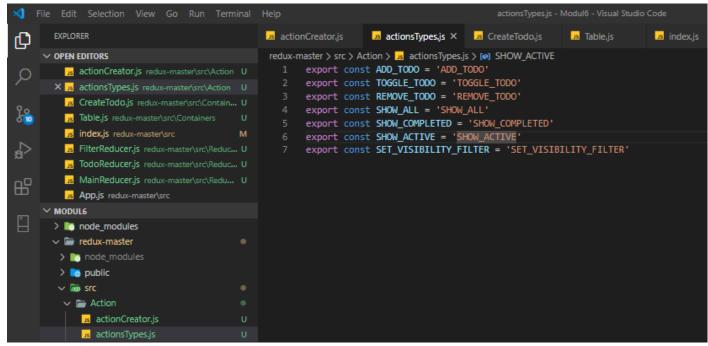
✓ OPEN EDITORS

      X Js actionCreator.js redux-master\src\Action U
             us actionsTypes.js redux-master\src\Action U
                                                                                                                                                                           let TodoId = 2
            Js CreateTodo.js redux-master\src\Contain... U
                                                                                                                                                                           export const addTodo = text => ({
            Js Table.js redux-master\src\Containers U
                                                                                                                                                                                          type: ADD_TODO,
             Js index.js redux-master\src
                                                                                                                                                                                          id: TodoId++,
            Js FilterReducer.js redux-master\src\Reduc... U
                                                                                                                                                                                          text
             Js TodoReducer.js redux-master\src\Reduc... U
                                                                                                                                                                            export const deleteTodo = (id) => ({
             us MainReducer.js redux-master\src\Redu... U
                                                                                                                                                                                          type: REMOVE_TODO,
            JS App.js redux-master\src
                                                                                                                                                                                           id: id
∨ MODUL6
      > node_modules
                                                                                                                                                                            export const toggleTodo = (id) => ({

√ Image: Very master and very master and very master and very master.

In the contract of the contract of
                                                                                                                                                                                           type: TOGGLE_TODO,
          > node_modules
                                                                                                                                                                                            id: id
          > 🌅 public
                                                                                                                                                                             export const setVisibilityFilter = filter => ({
         ∨ 📷 src
                                                                                                                                                                                           type: SET_VISIBILITY_FILTER,
            filter
                       Js actionCreator.js
                         s actionsTypes.js
```

3. Masih dalam Folder Action buatlah file actionsTypes.js



4. Kemudian dalam folder src buatlah folder dengan nama containers dan buatlah file dengan judul CreateTodo

```
∨ 🐻 src
   Action
       Js actionCreator.js
        us actionsTypes.js
   Containers
        Js CreateTodo.js
        Js Table.js
s actionCreator.js
                                                                              Js index.js
                                          JS CreateTodo.js X JS Table.js
                                                                                               s FilterReducer.js
                                                                                                                    Js TodoReducer.js
                                                                                                                                         Js MainReducer.js
redux-master > src > Containers > 🖪 CreateTodo.js > 😭 CreateTodo > 😭 render
            render() {
                    <div className="form-group row">
                         <div className="col-sm-10">
                             input onChange={this.onChangeTodoText} value={this.state.todotext}
                                 type="text" className="form-control" id="inputEmail3" placeholder="add todo here" /
                             <button type="button" onClick={() => this.setState({ todotext: '' })}
style={{ marginTop: "25px", marginRight: "15px" }} className="btn btndanger">Cancel</button>
                              <button type="button" onClick={() => {
                                  this.props.addTodo(this.state.todotext); this.setState({ todotext: '' })
                                  style={{ marginTop: "25px" }} className="btn btn-success">Add Todo</button>
       const mapDispatchToProps = (dispatch) => {
            return bindActionCreators({
                addTodo
            }, dispatch)
       export default connect(null, mapDispatchToProps)(CreateTodo)
```

5. Masih dalam folder containers buatlah file dengan judul Table.js

```
Js Table.js X Js index.js
                                                                                                                                                                                                          Js FilterReducenis
                                                                                                                                                                                                                                                                    Js MainReducer.js
O
                                                                       redux-master > src > Containers > m Tablejs > [m] mapDispatchToProps
1 import React, { Component } from "./node_modules/react";
2 import { connect } from "./node_modules/react-redux";
3 import {
                                                                                       deleteTodo.
                                                                                 } from "../Action/actionCreator";
import { SHOW_ALL, SHOW_COMPLETED, SHOW_ACTIVE } from "../Action/actionsTypes";
import { bindActionCreators } from "../node_modules/redux";
                                                                                 class Table extends Component {
                                                                                                    > node_modules
            > to public
                                                                                                                     'active': '')}
onClicke(() => his.props.setVisibilityFilter(SHOW_ALL))>All
cl className=("breadcrumb-item " + (this.props.visibilityFilter === SHOW_COMPLETED? 'active': ''))
             ∨ 🔯 src
                  actionCreator.js
actionsTypes.js
                                                                                                                      onClick=(() => this.props.setVisibilityFilter(SHOM_COMPLETED))>CompletedclassName=("breadcrumb-item " + (this.props.visibilityFilter === SHOM_ACTIVE ?
                .s CreateTodo.js
                                                                                                                          onClick={() => this.props.setVisibilityFilter(SHOW_ACTIVE)}>Active
                  s FilterReducer.js
MainReducer.js
                                                                                                          {this.props.todos.length !== 0 ?
                                                                                                                     style={{ marginTop: "60px" }}
className="table table-hover table-dark";
```

6. Edit index.js dengan source code berikut ini

```
    File Edit Selection View Go Run Terminal Help

Q
                      EXPLORER
                                                                                                                                              Js actionCreator.js
                                                                                                                                                                                                         actionsTypes.js
                                                                                                                                                                                                                                                                 JS CreateTodo.js
                                                                                                                                                                                                                                                                                                                         Js Table.is
                                                                                                                                                                                                                                                                                                                                                                        s index.js × s FilterReducer.js
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Js TodoReducer.js
                 ∨ OPEN EDITORS
                                                                                                                                                 redux-master > src > 📠 index.js > ...
                             actionsTypes.js redux-master\src\Action U
                            Js CreateTodo.js redux-master\src\Contain... U
                            JS Table.js redux-master\src\Containers U
                             JS TodoReducer.js redux-master\src\Reduc... U
                             s MainReducer.js redux-master\src\Redu... U
                                                                                                                                                                    import ReactDOM from 'react-dom';
                            JS App.js redux-master\src
                                                                                                                                                                    import { Provider } from 'react-redux' import { createStore, applyMiddleware, compose } from 'redux' import MainReducer from './Reducer/MainReducer'
                       > node_modules
                        > node modules
                                                                                                                                                    21
                                                                                                                                                                    // import registerServiceWorker, { register } from './serviceWorker';
import * as serviceWorker from './serviceWorker';
                          > 🌅 public

√ Image size
√ siz
                                                                                                                                                                    const store = compose(window.devToolsExtension ? window.devToolsExtension() : f =>
                                                                                                                                                                               f)(createStore)(MainReducer)
                                      actionCreator.js
                                                                                                                                                                    ReactDOM.render(<Provider store={store}><App /></Provider>, document.getElementById('root'));
                                      us actions Types.js

✓ Containers

                                     Js CreateTodo.js
                                                                                                                                                                    serviceWorker.register():
                               V 📻 Reducer
                                    Js FilterReducer.js
Js MainReducer.js
                                      Js TodoReducer.js

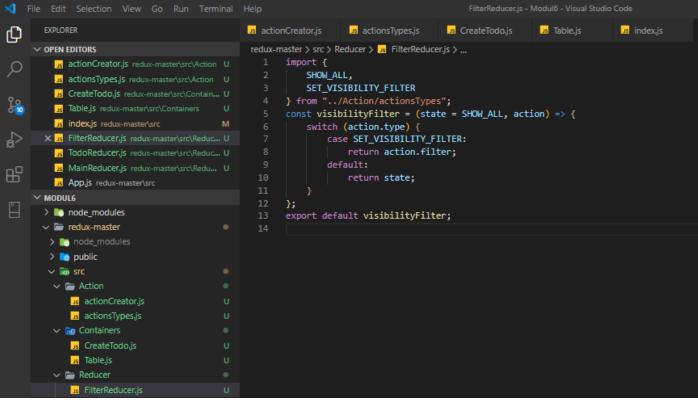
∃ App.css

                                    Js App.js
                                                                                                                                                 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1: node
                                    App.test.js
                                                                                                                                                 Compiled with warnings.

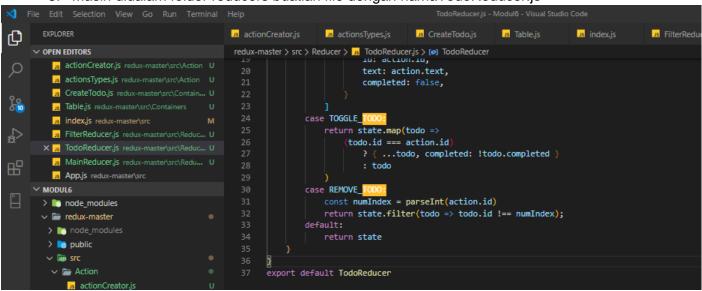
∃ index.css

                                                                                                                                                ./src/index.js
```

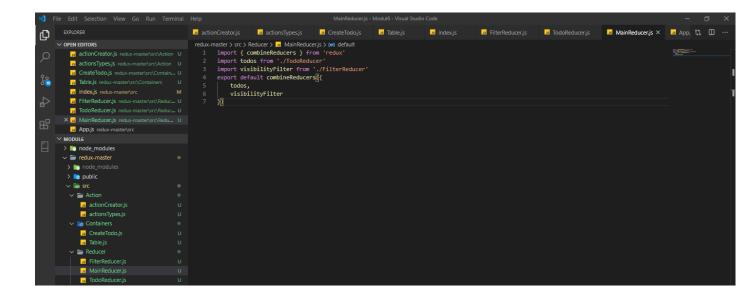
7. Buat folder dalam src dengan nama reducers dan beri nama file FilterReducer.js dan ketikkan program dibawah ini :



8. Masih didalam folder reducers buatlah file dengan namaTodoReducer.js



9. Buat file dengan nama MainReducer.js dan simpan



10. Hasil running

