TUGAS INDIVIDU

REDUX

Disusun sebagai

MATA KULIAH: PEMROGRAMAN BERBASIS FRAMEWORK



Oleh:

Arifanny Ramadhan Sukma

1741720217 / TI-3A

04

PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

2020

Praktikum:

1. Buat Folder dalam src yaitu Action

```
✓ src✓ actions≡ actionCreatorJS actionsTypes.js
```

2. Beri nama actionCreator

```
    ≡ actionCreator X Js actionsTypes.js

                                                      JS Table.is
src > actions > ≡ actionCreator
      import { ADD_TODO, REMOVE_TODO, TOGGLE_TODO, SET_VISIB:
       './actionsTypes'
      let TodoId = 2
      export const addTodo = text => ({
         type: ADD_TODO,
          id: TodoId++,
          text
      export const deleteTodo = (id) => ({
          type: REMOVE_TODO,
          id: id
      export const toggleTodo = (id) => ({
          type: TOGGLE TODO,
          id: id
      export const setVisibilityFilter = filter => ({
          type: SET_VISIBILITY_FILTER,
           filter
```

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



```
## Scientification ## A popular content of the first content of the firs
```

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

```
FactionCreator BactionsTypes, Factore Bactines Bables X Bindexis Bindexis Bindexical Bactines Bactines
```

```
JS Table.js X JS index.js
src > containers > JS Table.js > ધ Table > 🖯 render
                     Actions

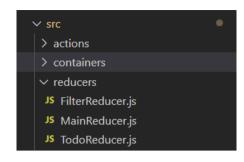
                    {this.props.todos.map(todo => (
                      style={{
                           textDecoration: todo.completed ? "line-through" : "none"
                          {todo.text} {todo.completed === true ? "(completed)" : ""}
                            className="fas fa-minus-circle"
                            onClick={() => this.props.deleteTodo(todo.id)}
                            style={{
  color: "white",
  fontSize: "20pt",
  marginRight: "20px"
                           className="fas fa-check-circle"
                            onClick={() => this.props.toggleTodo(todo.id)}
                            style={{ color: "white", fontSize: "20pt" }}
                  style={{ marginTop: "50px" }}
className="col-lg-10 col-md-10 col-xs-12 col-sm-12 offset-lg-1"
                  <div className="alert alert-danger" role="alert">
                   Todo List is empty or Filter results show no results
```

```
    actionCreator

                  JS actionsTypes.js
                                      JS Table.is X JS index.is
src > containers > JS Table.js > ધ Table > 🗘 render
      const getVisibleTodos = (todos, filter) => {
       switch (filter) {
         case SHOW_ALL:
            return todos;
         case SHOW_COMPLETED:
          return todos.filter(t => t.completed);
          case SHOW_ACTIVE:
           return todos.filter(t => !t.completed);
           throw new Error("Unknown filter: " + filter);
      const mapStateToProps = state => {
    return { todos: getVisibleTodos(state.todos, state.visibilityFilter),
          visibilityFilter: state.visibilityFilter
      const mapDispatchToProps = dispatch => {
       return bindActionCreators(
           deleteTodo,
           toggleTodo,
            setVisibilityFilter
          dispatch
      export default connect(mapStateToProps, mapDispatchToProps)(Table);
```

6. Edit index.js dengan source code berikut ini

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

```
src > reducers > JS TodoReducer.js > [❷] TodoReducer > 😭 state.map() callback
     import { ADD_TODO, REMOVE_TODO, TOGGLE_TODO} from '../actions/actionsTypes'
      const INITIAL_DATA = []
      const TodoReducer = (state=INITIAL_DATA, action) => {
          switch (action.type){
              case ADD TODO:
                   ...state,{
                      id: action.id,
                       completed: false,
              case TOGGLE_TODO:
              return state.map(todo =>
               (todo.id === action.id)
                ? {...todo, completed: !todo.completed}
                : todo
              case REMOVE_TODO:
              const numIndex = parseInt(action.id)
              return state.filter(todo => todo.id !== numIndex);
              return state
      export default TodoReducer
```

9. Buat file dengan nama MainReducer.js dan simpan

10. Running semua program dengan npm start dan liat hasilnya dan laporkan didalam laporan