

LAPORAN MODUL 6

Redux



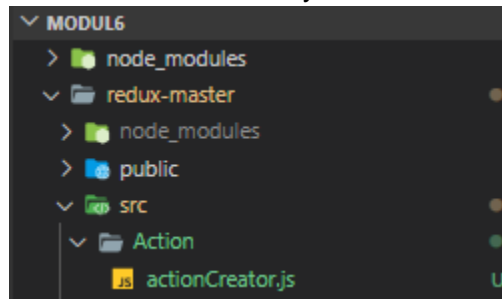
Disusun oleh:

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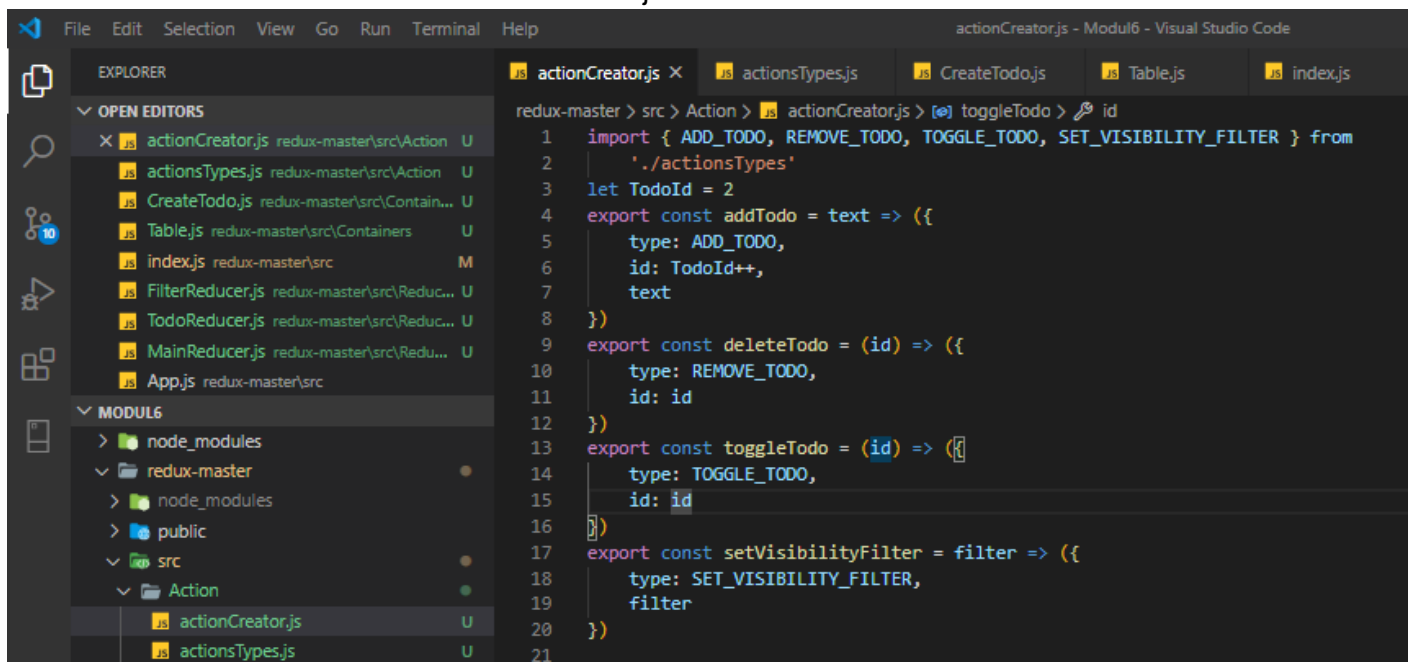
PROGRAM STUDI D-VI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2020

A. Praktikum

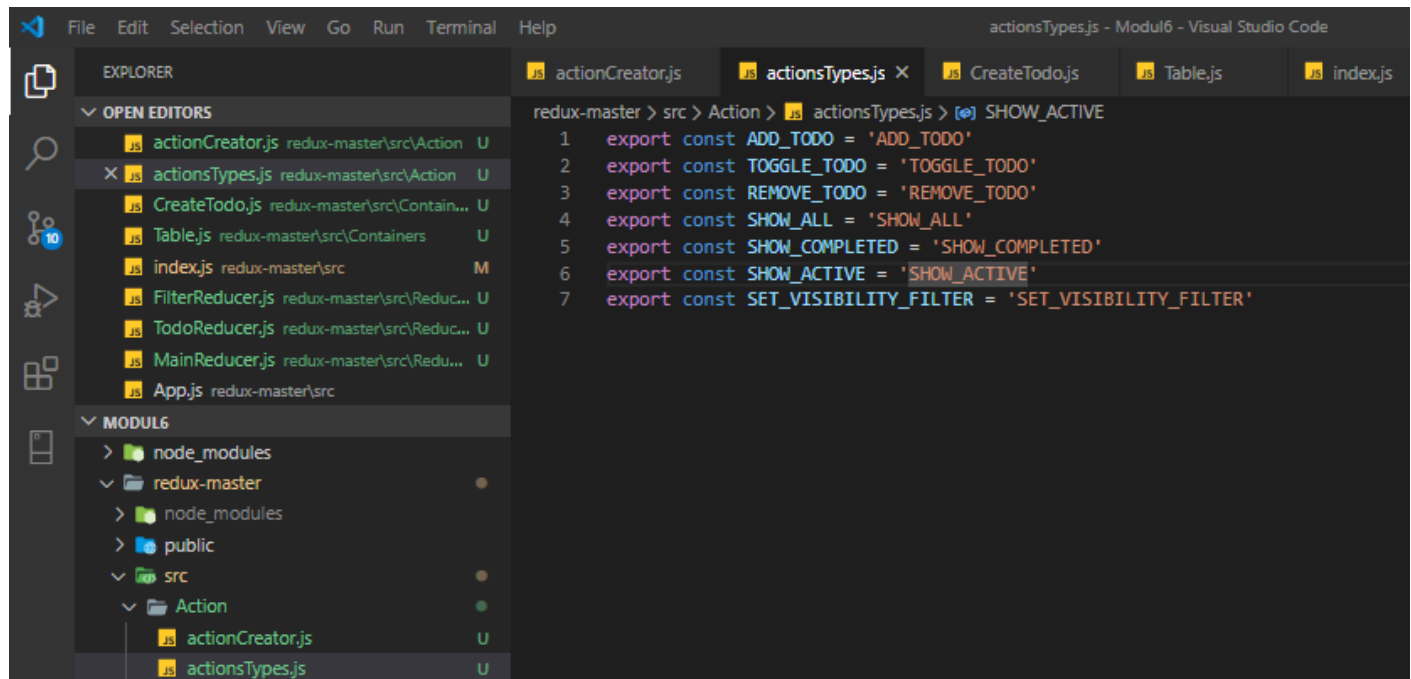
1. Buat Folder dalam src yaitu Action



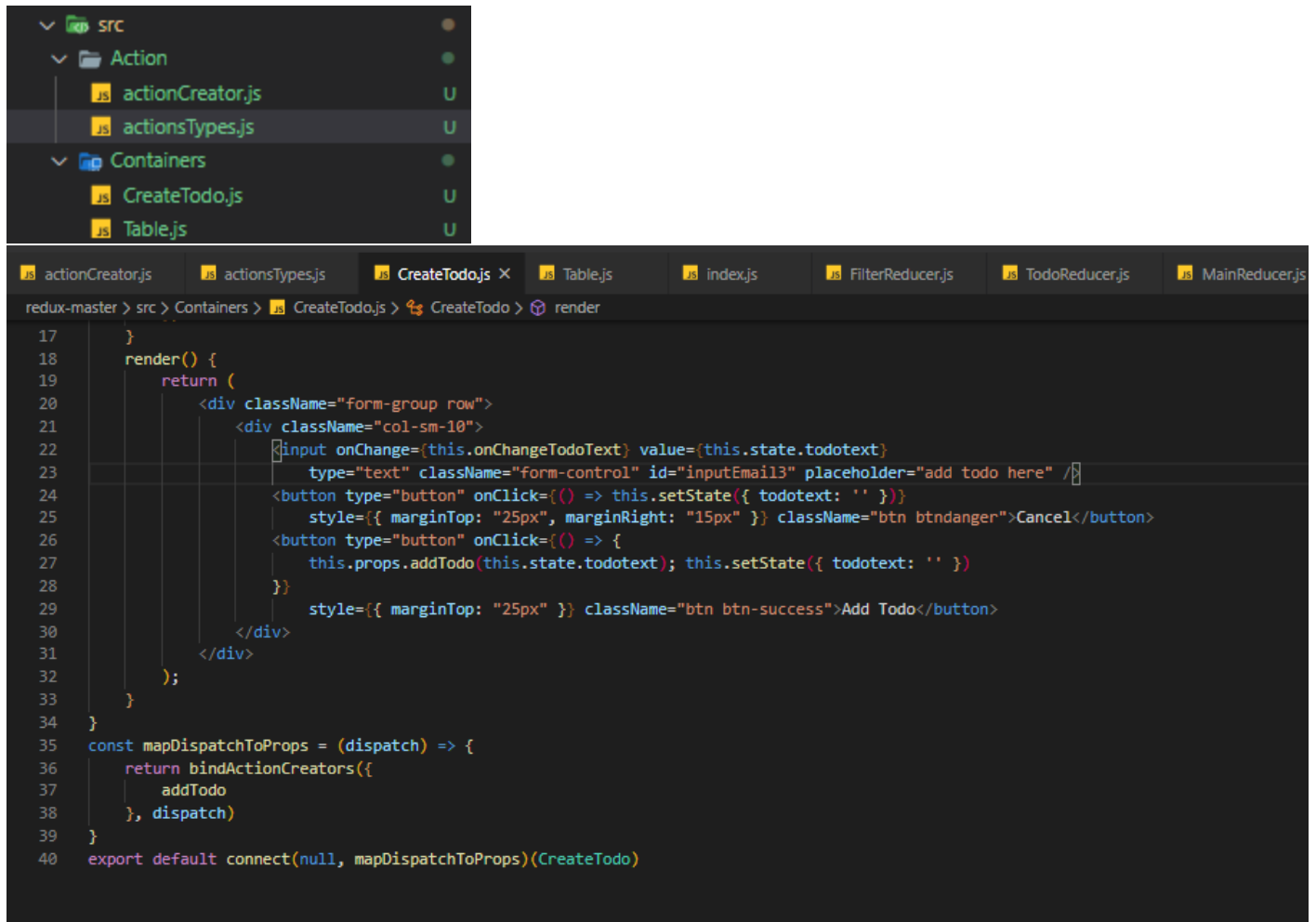
2. Buat file dan beri nama actionCreator.js



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



The image shows a code editor interface. On the left, a file explorer displays a directory structure: 'src' contains 'Action' and 'Containers'. 'Action' contains 'actionCreator.js' and 'actionsTypes.js'. 'Containers' contains 'CreateTodo.js' and 'Table.js'. The main editor area shows the code for 'CreateTodo.js'. The code includes a 'render' method that returns a JSX element with a text input and two buttons. It also includes a 'mapDispatchToProps' function and an 'export default' statement.

```
17 }
18 render() {
19   return (
20     <div className="form-group row">
21       <div className="col-sm-10">
22         <input onChange={this.onChangeTodoText} value={this.state.todoText}
23           type="text" className="form-control" id="inputEmail3" placeholder="add todo here" />
24         <button type="button" onClick={() => this.setState({ todotext: '' })}
25           style={{ marginTop: "25px", marginRight: "15px" }} className="btn btn-danger">Cancel</button>
26         <button type="button" onClick={() => {
27           this.props.addToDo(this.state.todoText); this.setState({ todotext: '' })
28         }}
29           style={{ marginTop: "25px" }} className="btn btn-success">Add Todo</button>
30       </div>
31     </div>
32   );
33 }
34
35 const mapDispatchToProps = (dispatch) => {
36   return bindActionCreators({
37     addToDo
38   }, dispatch)
39 }
40 export default connect(null, mapDispatchToProps)(CreateTodo)
```

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

The screenshot shows the Visual Studio Code interface with the Explorer panel on the left and the Editor panel on the right. The Explorer panel shows the project structure with the following folders and files:

- node_modules
- redux-master
 - node_modules
 - public
 - src
 - Action
 - actionCreator.js
 - actionTypes.js
 - Containers
 - CreateTodo.js
 - Table.js
 - Reducer
 - FilterReducer.js

The Editor panel shows the code for FilterReducer.js:

```
1 import {
2   SHOW_ALL,
3   SET_VISIBILITY_FILTER
4 } from "../Action/actionTypes";
5 const visibilityFilter = (state = SHOW_ALL, action) => {
6   switch (action.type) {
7     case SET_VISIBILITY_FILTER:
8       return action.filter;
9     default:
10      return state;
11   }
12 };
13 export default visibilityFilter;
```

8. Masih didalam folder reducers buatlah file dengan nama TodoReducer.js

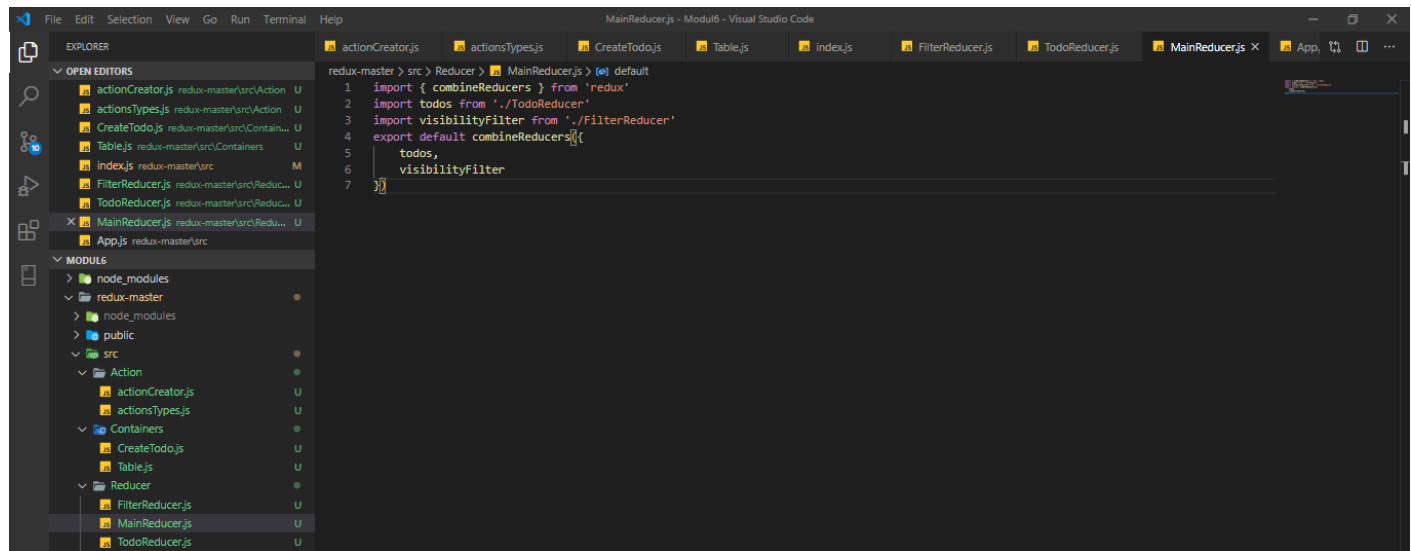
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 - CreateTodo.js
 - Table.js
 - Reducer
 - FilterReducer.js
 - TodoReducer.js

The Editor panel shows the code for TodoReducer.js:

```
19 id: action.id,
20 text: action.text,
21 completed: false,
22 }
23 ]
24 case TOGGLE_TODO:
25   return state.map(todo =>
26     (todo.id === action.id)
27     ? { ...todo, completed: !todo.completed }
28     : todo
29   )
30 case REMOVE_TODO:
31   const numIndex = parseInt(action.id)
32   return state.filter(todo => todo.id !== numIndex);
33 default:
34   return state
35 }
36
37 export default TodoReducer
```

9. Buat file dengan nama MainReducer.js dan simpan



10. Hasil running

