

TUGAS PERORANGAN/INDIVIDU

Modul 6

Redux

Disusun sebagai

MATA KULIAH : Pemrograman Berbasis Framework

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PROGRAM STUDI D-IV T.INFORMATIKA

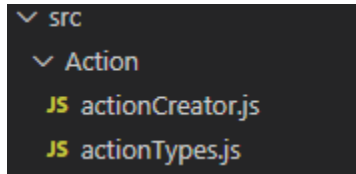
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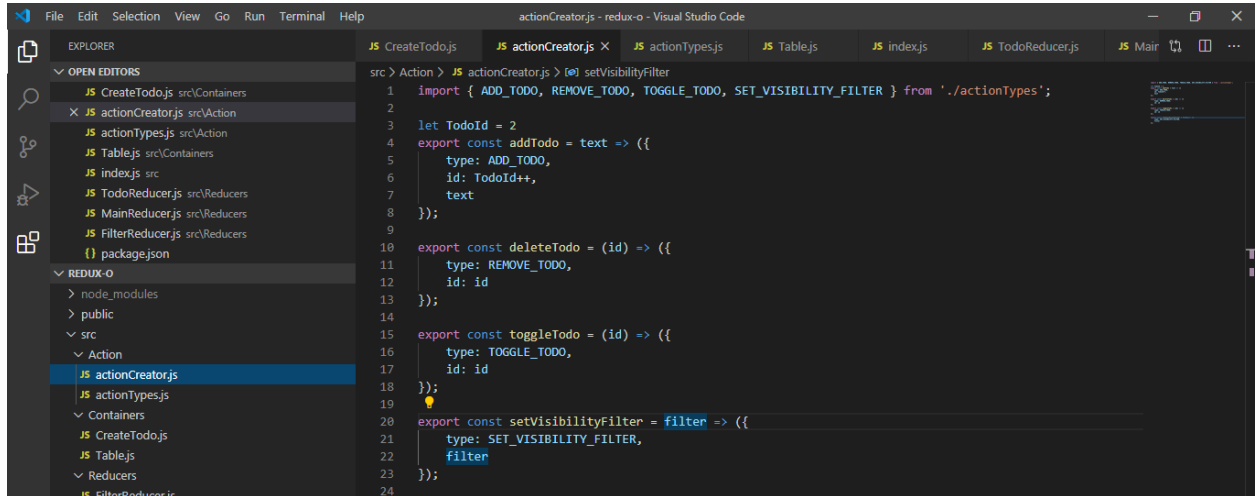
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PRAKTIKUM

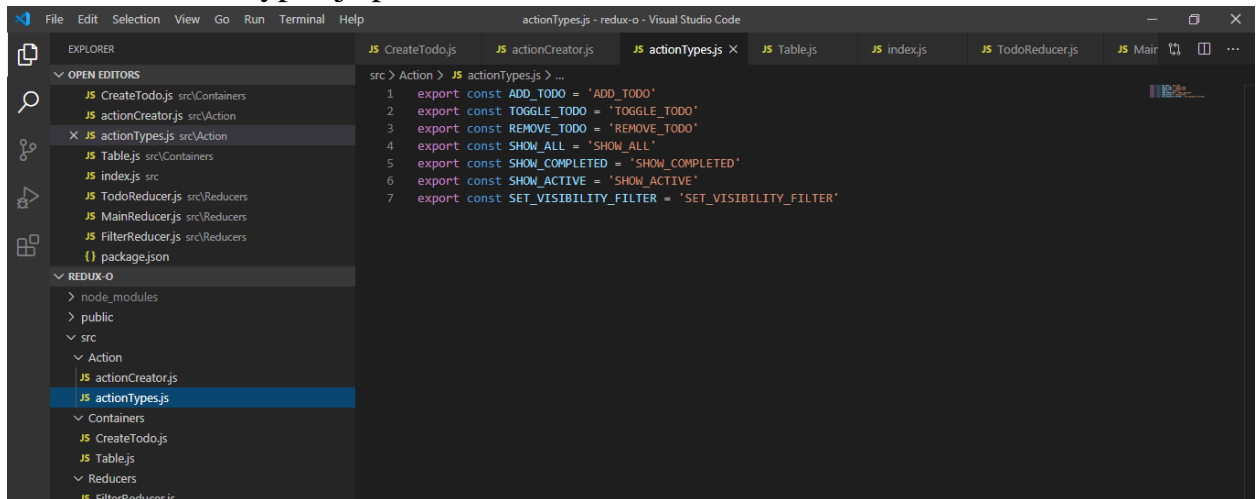
1. Buat folder Action dalam src



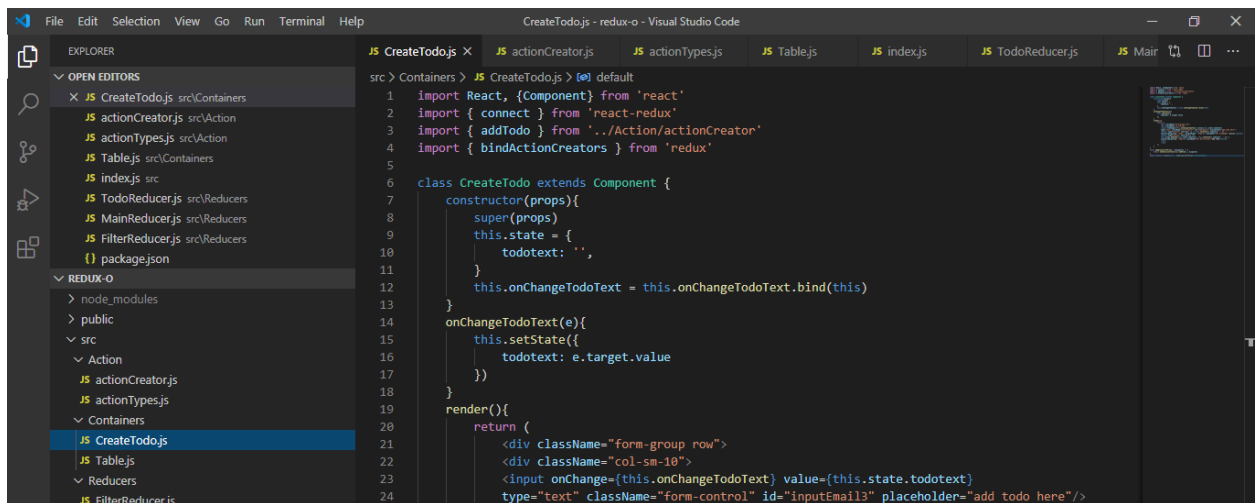
2. Buat file actionCreator.js pada folder Action



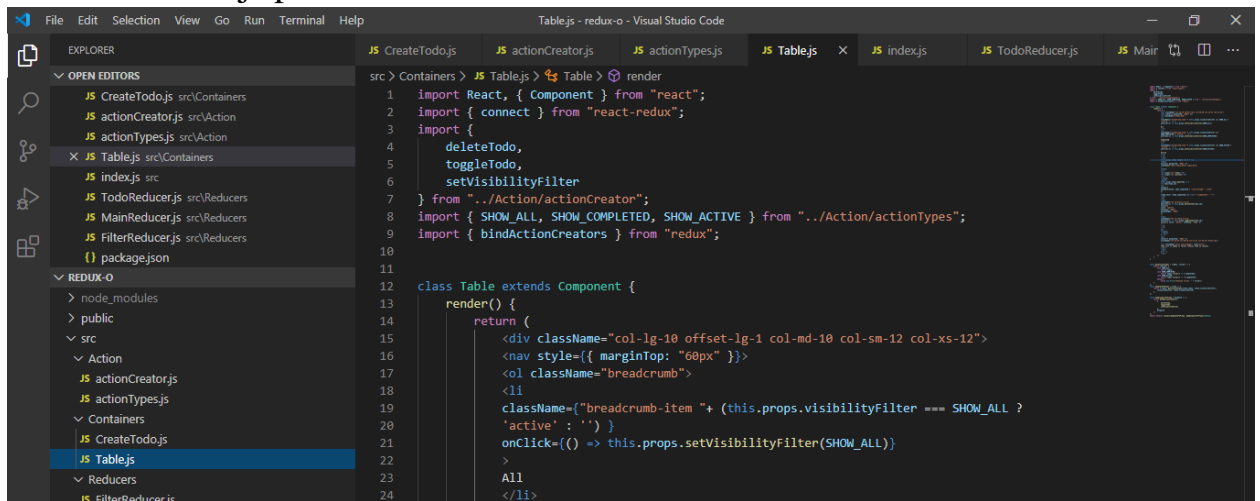
3. Buat file actionTypes.js pada folder Action



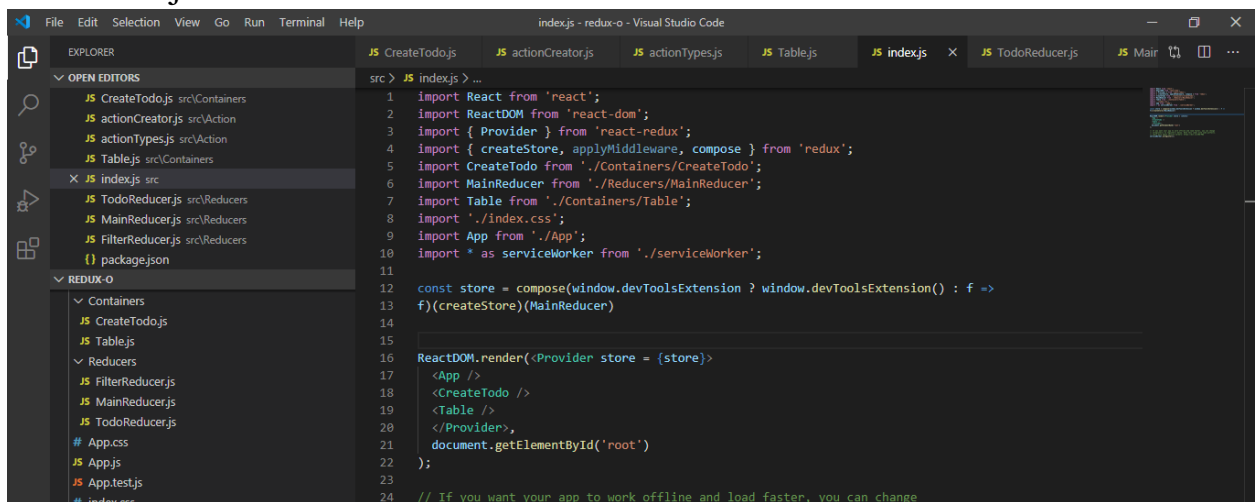
4. Dalam folder src buat folder bernama container dan buat file CreateTodo.js



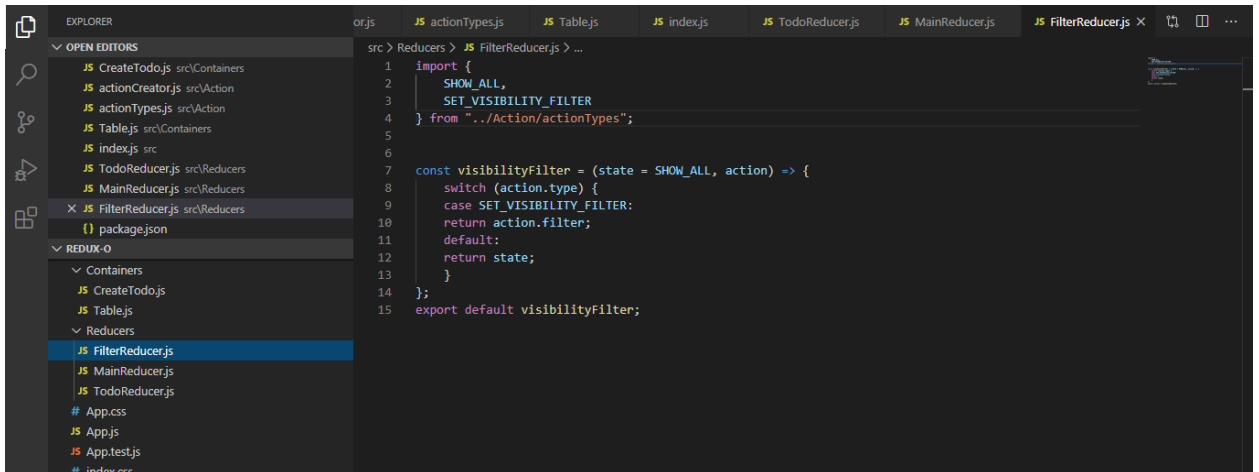
5. Buat file Table.js pada folder Container



6. Edit index.js



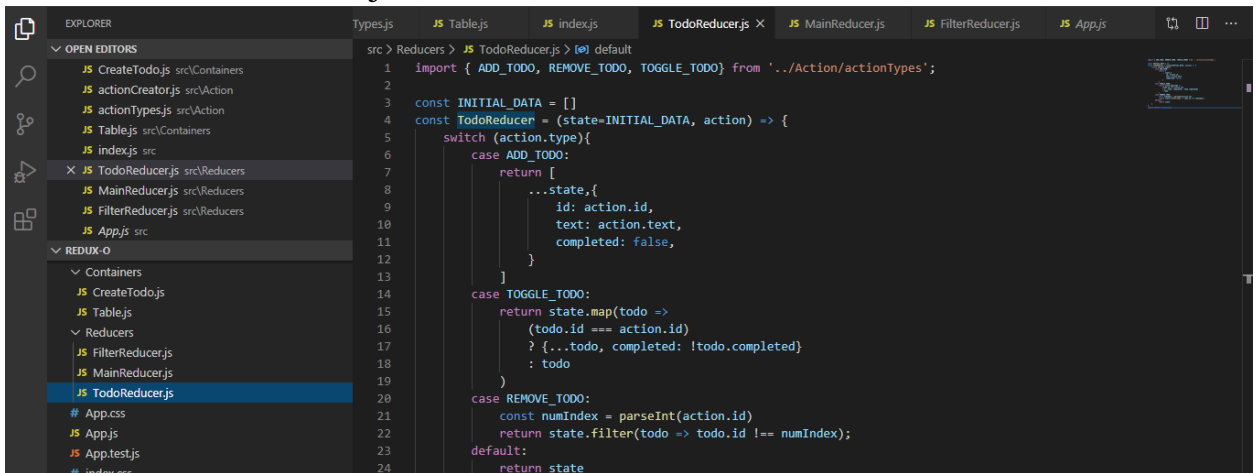
7. Buat folder reducers dan buat file bernama filterReducers.js



The screenshot shows the VS Code interface with the Explorer sidebar on the left. The 'src' folder is expanded, showing 'Containers', 'Reducers', and 'Tables'. The 'Reducers' folder is selected, and 'FilterReducer.js' is highlighted. The main editor displays the code for 'FilterReducer.js'.

```
1 import {  
2   SHOW_ALL,  
3   SET_VISIBILITY_FILTER  
4 } from '../Action/actionTypes';  
5  
6  
7 const visibilityFilter = (state = SHOW_ALL, action) => {  
8   switch (action.type) {  
9     case SET_VISIBILITY_FILTER:  
10    return action.filter;  
11    default:  
12    return state;  
13  }  
14 };  
15 export default visibilityFilter;
```

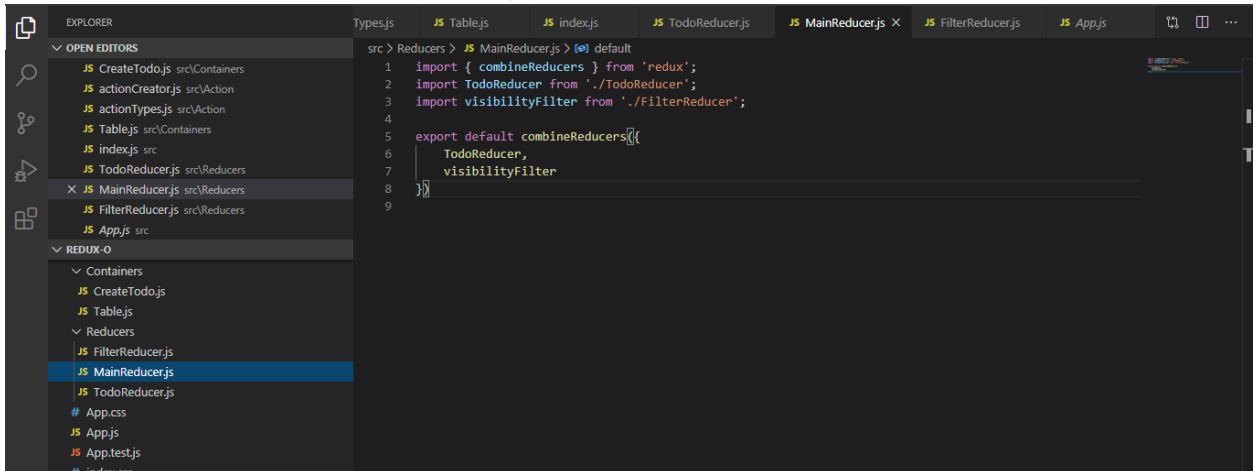
8. Buat file TodoReducers.js dalam folder reducers



The screenshot shows the VS Code interface with the Explorer sidebar on the left. The 'src' folder is expanded, and 'TodoReducer.js' is highlighted in the 'Reducers' folder. The main editor displays the code for 'TodoReducer.js'.

```
1 import { ADD_TODO, REMOVE_TODO, TOGGLE_TODO } from '../Action/actionTypes';  
2  
3 const INITIAL_DATA = []  
4 const TodoReducer = (state=INITIAL_DATA, action) => {  
5   switch (action.type){  
6     case ADD_TODO:  
7       return [  
8         ...state,{  
9           id: action.id,  
10          text: action.text,  
11          completed: false,  
12        }  
13      ]  
14     case TOGGLE_TODO:  
15       return state.map(todo =>  
16         (todo.id === action.id)  
17         ? {...todo, completed: !todo.completed}  
18         : todo  
19       )  
20     case REMOVE_TODO:  
21       const numIndex = parseInt(action.id)  
22       return state.filter(todo => todo.id !== numIndex);  
23     default:  
24       return state  
25   }  
26 }
```

9. Buat file bernama MainReducers.js



The screenshot shows the VS Code interface with the Explorer sidebar on the left. The 'src' folder is expanded, and 'MainReducer.js' is highlighted in the 'Reducers' folder. The main editor displays the code for 'MainReducer.js'.

```
1 import { combineReducers } from 'redux';  
2 import TodoReducer from './TodoReducer';  
3 import visibilityFilter from './FilterReducer';  
4  
5 export default combineReducers({  
6   TodoReducer,  
7   visibilityFilter  
8 });
```

10. Running dan amati hasil

TypeError: Cannot read property 'length' of undefined

Table.render
D:/Kuliah/Sem 6/Pemrograman Berbasis Framework (ReactJs)/04/redux-o/src/containers/Table.js:132

```
29 | >  
30 | Completed  
31 | </li>  
> 32 | <li  
33 |   className={"breadcrumb-item "+ (this.props.visibilityFilter === SHOW_ACTIVE ?  
34 |     'active' : '') }  
35 |   onClick={() => this.props.setVisibilityFilter(SHOW_ACTIVE)}
```

View compiled

finishClassComponent

D:/Kuliah/Sem 6/Pemrograman Berbasis Framework (ReactJs)/04/redux-o/node_modules/react-dom/cjs/react-dom.development.js:17168

```
17157 | } else {  
17158 |   {  
17159 |     setIsRendering(true);  
> 17160 |     nextChildren = instance.render();  
17161 |   }  
17162 |   if (workInProgress.mode & StrictMode) {  
17163 |     instance.render();
```

View compiled

updateClassComponent

D:/Kuliah/Sem 6/Pemrograman Berbasis Framework (ReactJs)/04/redux-o/node_modules/react-dom/cjs/react-dom.development.js:17119

```
17107 |   shouldUpdate = updateClassInstance(current, workInProgress, Component, nextProps, renderExpirationTime);  
17108 | }  
17109 |  
> 17110 | var nextUnitOfWork = finishClassComponent(current, workInProgress, Component, shouldUpdate, hasContext, renderExpirationTime);  
17111 | ^  
17112 | {  
17113 |   var inst = workInProgress.stateNode;
```