

PRAKTIKUM MINGGU 7

Mata kuliah : PBF(Pemrograman Berbasis Framework)

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```

import React, {Component} from 'react'
import { connect } from 'react-redux'
import { addTodo } from '../Action/actionCreator'
import {bindActionCreators} from 'redux'
class CreateTodo extends Component {
  constructor(props){
    super(props)
    this.state = {
      todotext: '',
    }
    this.onChangeTodoText = this.onChangeTodoText.bind(this)
  }
  onChangeTodoText(e){
    this.setState({
      todotext: e.target.value
    })
  }
  render(){
    return (
      <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 btn-danger">
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>
        </div>
      </div>
    );
  }
}
const mapDispatchToProps = (dispatch) => {
  return bindActionCreators({
    addTodo
  }, dispatch)
}
export default connect(null, mapDispatchToProps)(CreateTodo)

```

Digunakan untuk men create todo dengan function cancel dan add todo



add todo here

Cancel

Add Todo

```
import { ADD_TODO, REMOVE_TODO, TOGGLE_TODO, SET_VISIBILITY_FILTER } from
'./actionTypes'
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
})
```

Untuk Mengimport todo yang telah dibuat dari CreateTodo.js kemudian akan dipanggil berdasarkan id dari delete hingga add

Todos	Actions
aaaaa	 

```
import React, { Component } from "react";
import { connect } from "react-redux";
import {
  deleteTodo,
  toggleTodo,
  setVisibilityFilter
} from "../Action/actionCreator";
```

```

import { SHOW_ALL, SHOW_COMPLETED, SHOW_ACTIVE } from "../Action/actionTypes";
import { bindActionCreators } from "redux";
class Table extends Component {
  render() {
    return (
      <div className="col-lg-10 offset-lg-1 col-md-10 col-sm-12 col-xs-12">
        <nav style={{ marginTop: "60px" }}>
          <ol className="breadcrumb">
            <li
              className={"breadcrumb-item " + (this.props.visibilityFilter === SHOW_ALL ?
'active' : '') }
              onClick={() => this.props.setVisibilityFilter(SHOW_ALL)}
            >
              All
            </li>
            <li
              className={"breadcrumb-item " + (this.props.visibilityFilter ===
SHOW_COMPLETED ? 'active' : '') }
              onClick={() => this.props.setVisibilityFilter(SHOW_COMPLETED)}
            >
              Completed
            </li>
            <li
              className={"breadcrumb-item " + (this.props.visibilityFilter === SHOW_ACTIVE ?
'active' : '') }
              onClick={() => this.props.setVisibilityFilter(SHOW_ACTIVE)}
            >
              Active
            </li>
          </ol>
        </nav>
        {this.props.todos.length !== 0 ? (
          <table
            style={{ marginTop: "60px" }}
            className="table table-hover table-dark"
          >
            <thead>
              <tr>
                <th scope="col">Todos</th>
                <th scope="col">Actions</th>
              </tr>
            </thead>
            <tbody>
              {this.props.todos.map(todo => (
                <tr key={todo.id}>

```

```

<td
  style={{
    textDecoration: todo.completed ? "line-through" : "none"
  }}
>
{todo.text} {todo.completed === true ? "(completed)" : ""}
</td>
<td>
<span
  className="fas fa-minus-circle"
  onClick={() => this.props.deleteTodo(todo.id)}
  style={{
    color: "white",
    fontSize: "20pt",
    marginRight: "20px"
  }}
/>
<span
  className="fas fa-check-circle"
  onClick={() => this.props.toggleTodo(todo.id)}
  style={{ color: "white", fontSize: "20pt" }}
/>
</td>
</tr>
</tbody>
</table>
) : (
<div
  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
</div>
</div>
){ " "}
</div>
);
}
}
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);
    default:
    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);

```

Untuk menampilkan table yang telah dibuat dengan memanggil bootstrap maka table akan berjalan

