



Jurusan Teknologi Informasi Politeknik Negeri Malang  
**Tugas Minggu: UTS**  
**Mata Kuliah Pemrograman Berbasis Framework**  
Pengampu:  
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Langkah	Keterangan
1	<p>Class AddTocartBtn</p> <pre>src &gt; components &gt; add-to-cart-btn &gt; JS Add-to-cart-btn.js &gt; AddToCartBtn &gt; render 1  import React, { Component } from 'react'; 2  import { connect } from 'react-redux'; 3  import './Add-to-cart-btn.css'; 4 5  class AddToCartBtn extends Component { 6 7      addToCart() { 8          const itemTitle = this.props.product.title; 9          const count = this.props.count; 10         let productExists; 11         if (this.props.cartItems.products.length === 0) { 12             this.props.addToCart(this.props.product, count) 13         } else { 14             this.props.cartItems.products.forEach((item) =&gt; { 15                 productExists = this.props.cartItems.products.find((item) =&gt; itemTitle === item.product.title) 16             }); 17             productExists ? this.props.incrementCartCount(count, itemTitle) : this.props.addToCart(this.props.produ 18         } 19         window.scrollTo(0, 0); 20     } 21 22     render() { 23         return ( 24             &lt;span className="add-to-cart-btn"&gt; 25                 &lt;button type="button" class="add-btn btn" onClick={this.addToCart.bind(this)}&gt;BELI&lt;/button&gt; 26             &lt;/span&gt; 27         ); 28     } 29 } 30 31 const mapStoreToProps = (store) =&gt; { 32     return { 33         products: store.ItemListReducer, 34         cartItems: store.CartItemReducer 35     } 36 }</pre>
2	<p>Class Cart</p>



```

src > components > product > JS Product.js > Product > render
1  import React, { Component } from 'react';
2  import { connect } from 'react-redux';
3  import CurrencyFormat from 'react-currency-format';
4  import AddToCartBtn from '../add-to-cart-btn/Add-to-cart-btn';
5  import './Product.css';
6
7  class Product extends Component {
8    constructor(props) {
9      super(props);
10     this.state = {
11       id: props.match.params.id,
12       count: 1
13     };
14   }
15
16   updateCount(event) {
17     this.setState({ count: event.target.value });
18   }
19
20   render() {
21     return (
22       <div className="container">
23         <div className="Product row">
24           <div className="col-8">
25             <img src={`../media/${this.props.products.products[this.state.id].image}`} alt={this.props.products.products[this.state.id].title} />
26           </div>
27           <div className="col-4 info">
28             <p className="title">{this.props.products.products[this.state.id].title}</p>
29             <CurrencyFormat value={this.props.products.products[this.state.id].price} displayType="text" />
30             <p className="description">{this.props.products.products[this.state.id].description}</p>
31             <input type="number" name="quantity" min="1" max="100" class="form-control" defaultValue={this.state.count} />
32             <AddToCartBtn count={this.state.count} product={this.props.products.products[this.state.id]} />
33           </div>
34         </div>
35       </div>
36     );
37   }
38 }

```

## Class app

```

src > JS App.js > App > render
1  import React, { Component } from 'react';
2  import { Route, Switch } from 'react-router-dom';
3
4  import Bootstrap from "bootstrap/dist/css/bootstrap.css";
5  import './App.css';
6  import Category from "../components/category/Category";
7  import Cart from "../components/cart/Cart";
8  import Product from "../components/product/Product";
9  import About from "../about/About";
10
11  import Navigation from "../components/navigation/Navigation";
12  import HomeContainer from "../components/home-container/Home-container";
13
14  class App extends Component {
15
16    render() {
17      return (
18        <div className="App">
19          <Navigation />
20          <Route exact path="/" component={HomeContainer} />
21          <Route path="/about" component={About} />
22          <Route path="/cart" component={Cart} />
23          <Route path="/product/:id" component={Product} />
24          <Route path="/category/:id" component={Category} />
25        </div>
26      );
27    }
28  }
29
30  export default App;
31
32
33

```

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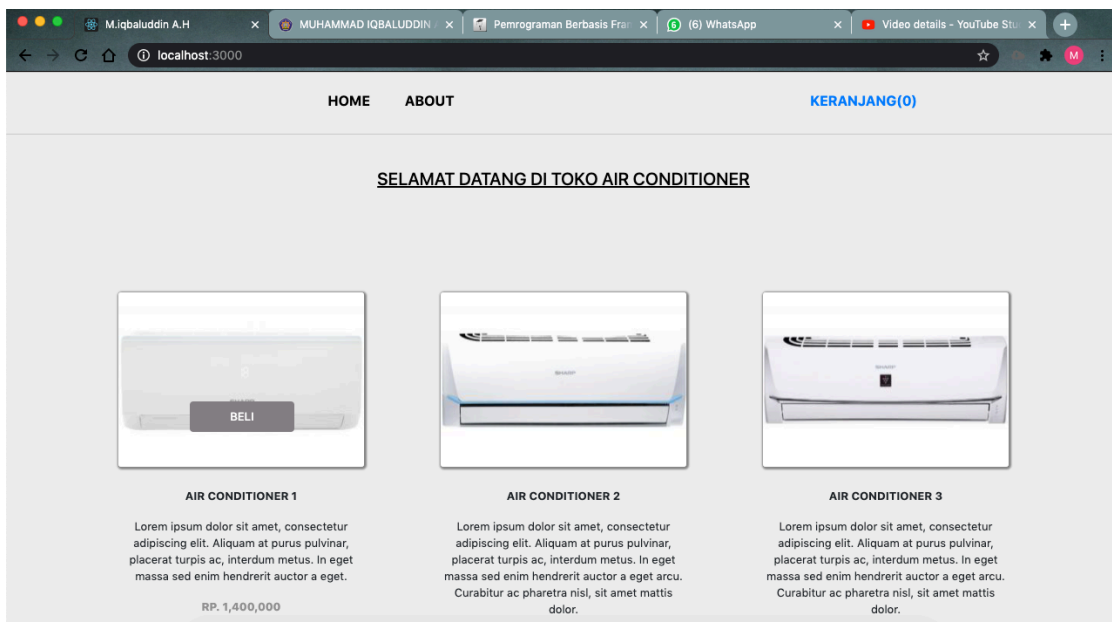
## Class index.js

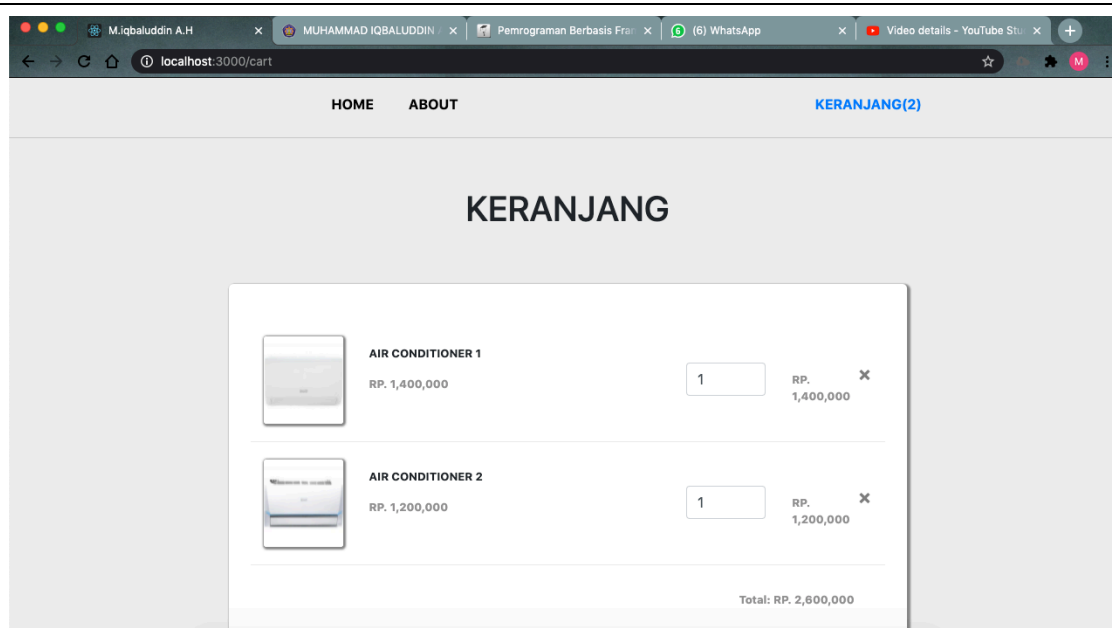
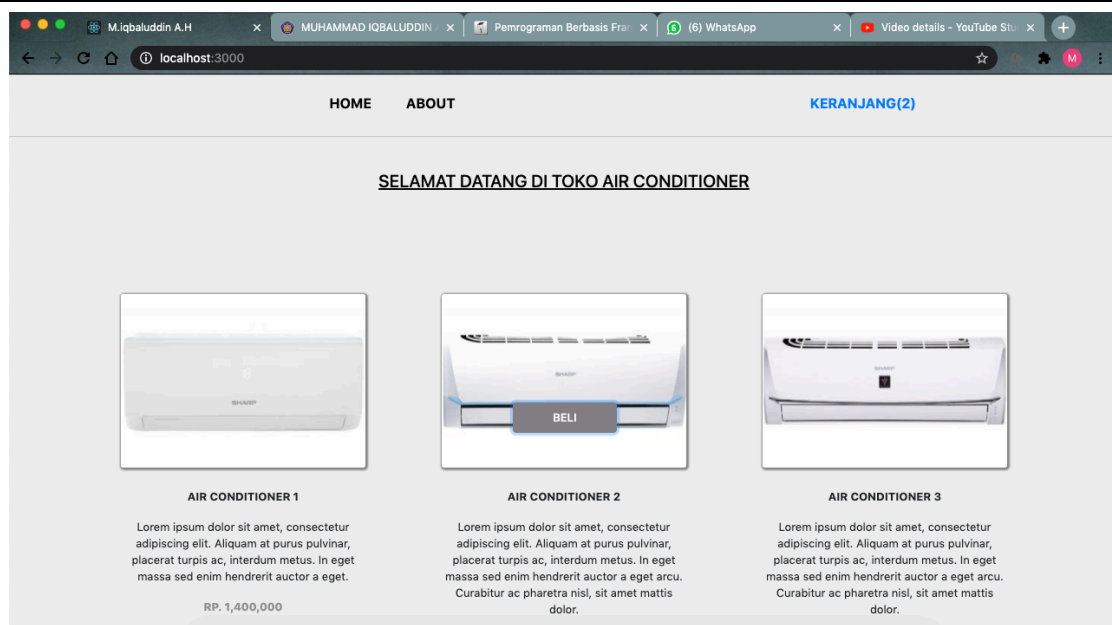
```

src > JS index.js > store.dispatch() callback > catch() callback > type
3 import axios from 'axios';
4 import { BrowserRouter } from 'react-router-dom';
5 import './index.css';
6 import App from './App';
7 import Bootstrap from 'bootstrap/dist/css/bootstrap.css';
8 import { Provider } from 'react-redux';
9 import { createStore, combineReducers, applyMiddleware, compose } from 'redux';
10 import thunk from 'redux-thunk';
11 import ItemListReducer from './store/Item-list.reducer';
12 import CartItemReducer from './store/Cart-item.reducer';
13
14 const rootReducer = combineReducers({
15   ItemListReducer: ItemListReducer,
16   CartItemReducer: CartItemReducer
17 });
18
19 const enhancers = compose(
20   applyMiddleware(thunk),
21   window.devToolsExtension ? window.devToolsExtension() : f => f
22 );
23
24 const store = createStore(rootReducer, enhancers);
25
26 store.dispatch((dispatch) => {
27   dispatch({ type: 'FETCH_ITEMDATA_START' });
28   axios.get('./products.json')
29     .then((res) => {
30       dispatch({ type: 'FETCH_ITEMDATA_SUCCESS', payload: res.data });
31     }).catch((err) => {
32       dispatch({ type: 'FETCH_ITEMDATA_ERROR', payload: err });
33     })
34 })
35
36 ReactDOM.render(
37   <Provider store={store}>

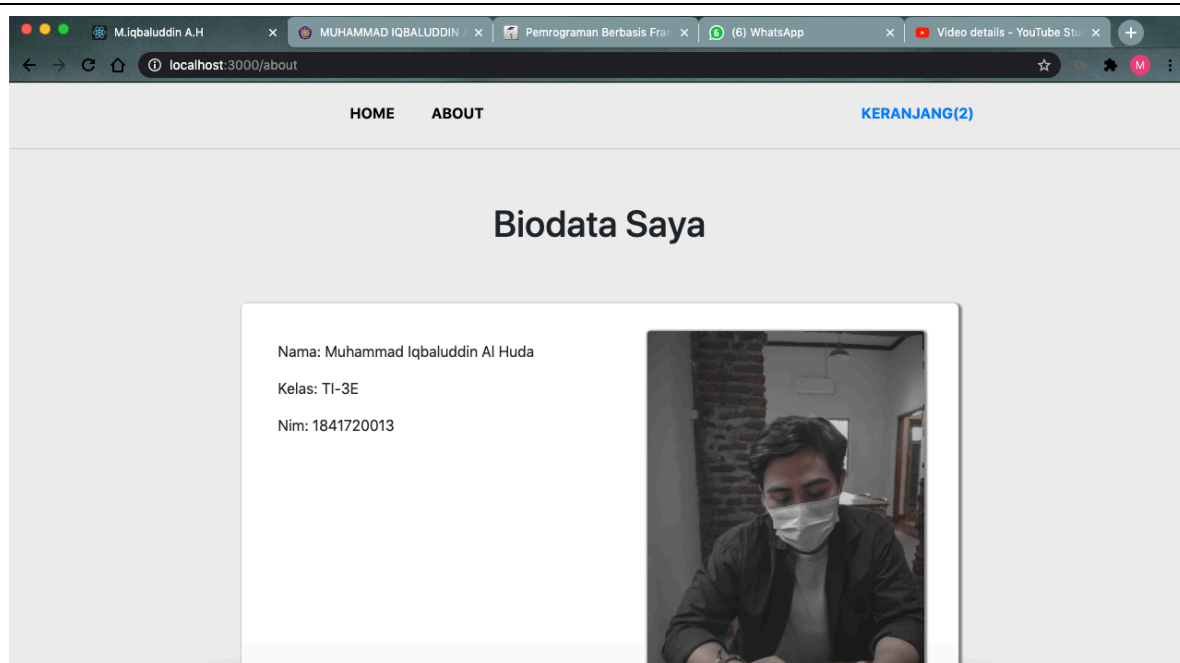
```

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9	<a href="https://youtu.be/BWrVoRTqtrU">https://youtu.be/BWrVoRTqtrU</a>
	<a href="https://github.com/iqbal1922/Pemrogramman-Berbasis-Framework/tree/master">https://github.com/iqbal1922/Pemrogramman-Berbasis-Framework/tree/master</a>

**-- Selamat Mengerjakan --**