EXAMPLE REACT REDUX STRUCTURE

MAIN	CONTEXT	PAGES	

MAIN

MAIN.JS

```javascript
import React from 'react';
import {SafeAreaView} from 'react-native';
//REDUX
import {Provider} from 'react-redux';
import {createStore} from 'redux';

import Component_A from './pages/Component_A';
import Component_B from './pages/Component_B';
import {reducer, initialState} from './context';

const myStore = createStore(reducer, initialState);

const Main = (props) => {
 return (
  <Provider store={myStore}>
   <SafeAreaView style={{flex: 1}}>
    <Component_A />
    <Component_B />
   </SafeAreaView>
  </Provider>
 );
};

export default Main;
```

CONTEXT

INDEX.JS

```javascript
export * from './reducer';
export * from './store';
```

REDUCER.JS

```javascript
function reducer(state, action) {
 switch (action.type) {
  case 'INC_COUNTER':
   state.counter = state.counter + 1;
   return {...state};
  case 'DEC_COUNTER':
   state.counter = state.counter - 1;
   return {...state};
   // return {...state, counter: state.counter -1}
  case 'SET_USERNAME':
   state.userName = action.payload.newUserName;
   return {...state};
  default:
   return state;
 }
}
export {reducer};
```

STORE.JS

```javascript
//Global states here

const initialState = {
 counter: 0,
 userName: 'Deneme',
};
export {initialState};
```

PAGES

COMPONENT_A.JS

```javascript
import React from 'react';
import {View, Text, Button} from 'react-native';
//REDUX
import {useSelector, useDispatch} from 'react-redux';

const Component_A = (props) => {
 const myCounter = useSelector((globalState) => globalState.counter);
 const dispatch = useDispatch();

 return (
  <View style={{backgroundColor: '#eceff1', flex: 1}}>
   <Text>Component_A</Text>
   <Text style={{fontSize: 40}}>Counter: {myCounter}</Text>
   <Button title="INC" onPress={() => dispatch({type: 'INC_COUNTER'})} />
   <Button title="DEC" onPress={() => dispatch({type: 'DEC_COUNTER'})} />
   <Button
    title="SET NAME"
    onPress={() =>
     dispatch({type: 'SET_USERNAME', payload: {newUserName: 'Ezran'}})
    }
   />
  </View>
 );
};

export default Component_A;
```

COMPONENT_B.JS

```javascript
import React from 'react';
import {View, Text} from 'react-native';
//REDUX
import {useSelector} from 'react-redux';

const Component_B = (props) => {
const myCounterB = useSelector((myGlobalState) => myGlobalState.counter);
 const myUserNameB = useSelector((x) => x.userName);

 return (
  <View style={{backgroundColor: '#bdbdbd', flex: 1}}>
   <Text>Component_B</Text>
   <Text style={{fontSize: 40}}>Counter: {myCounterB}</Text>
   <Text style={{fontSize: 40}}>Name: {myUserNameB}</Text>
  </View>
 );
};

export default Component_B;
```