Exercise (Instructions): Redux Thunk

Objectives and Outcomes

Redux Thunk middleware allows you to write action creators that return a function instead of an action. In this exercise you will see the use of redux thunk to return a function. At the end of this exercise you will be able to:

- Use Redux Thunk middleware to return a function instead of an action
- Use a logger to print a log of actions initiated on the Redux store.

Installing Redux Thunk and Logger

Install Redux Thunk and Logger as shown below:

```
1 yarn add redux-thunk@2.2.0
2 yarn add redux-logger@3.0.6
```

• Then open configureStore.js and update it to use the Thunk and Logger as follows:

• Next, open ActionTypes.js and add new action types as follows:

```
1 ...
2 export const DISHES_LOADING = 'DISHES_LOADING';
4 export const DISHES_FAILED = 'DISHES_FAILED';
5 export const ADO DISHES = 'ADO DISHES';
```

Then open ActionCreators.js and add new actions:

Next, open dishes.js and add the code to respond to actions as follows:

• Add a new component named *LoadingComponent.js* to display a loading message as follows:

• Now we will update the remaining components to use the actions. First, open MainComponent.js and update it as follows:

Open DishdetailComponent.js and update it as follows:

• Open HomeComponent.js and update it as follows:

• Finally, update MenuComponent.js as follows:

1 ...

Save all the changes and do a Git commit with the message "Redux Thunk".

Conclusions

In this exercise we saw the use of Redux Thunk and the Logger.



