Setting the user data in the store

Component.ts Store / Facade Actions

In this example the component.ts will be the user-age.component.ts .Inside the ngOnInit() call to get the data.. this.facade.setUserDataSet$;

3 actions in here such as an initial call, then a success and a fail.

Method inside of here called setUserDataSet(){

This.store.dispach(actions.setUserDateSet());

}

Any payload needed will be added in the parameters for the setUserDataSet, i.e. if we needed to filter out deleted or something

In the effects we call the services, and map this back to either a success from the actions, or a fail if the service has thrown back an error.

Call the service method and the return will be the DTO response value.

Reducer Service Effects

Reducer will match with the use the actions success or fail, and update the state as required. Keeping the old state using the spread operator …

Getting the user data from the store

Component.ts Store / Facade Selector

In this example the component.ts will be the user-age.component.ts . This will have in it an observable ‘userDataSet$’ which calls the facade.ts. i.e.

userDataSet$ = this.facade.getUserDataSet$;

Inside the selector, this will be linked to the reducer. And pull out the information stored for the userDataSet.

In here we will return the state.userDataSet.

For a get in the facade, we will have the observable getUserDataSet$ and then call the selector from this get. I.e.

getUserDataSet$ = this.store.pipe(select(queries.getUserDataSet)

Component.html Component.ts Reducer

The component.html will use the observable along with an async pipe to then get the data out. i.e.

userDataSet$ | async as userDataSet.

From there we can then use the data In an \*ngFor = “let d of userDataSet ” and then get the information needed out of there.

Component.ts will then have the value as an observable passed back through these steps.

In the reducer we declare the userDataSet, give it an initial value [] and then this will be set on the setting of the data. So we just need to get the value out from it.