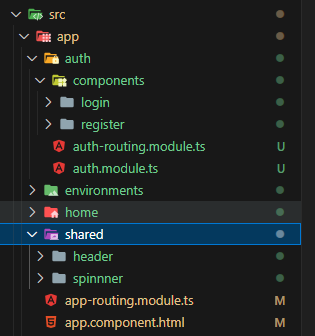
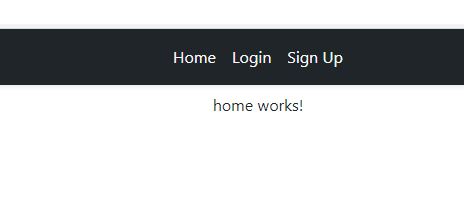
## **Basic set up**

* First project structure



* Output result



* Install packages

npm install @ngrx/store

npm install @ngrx/store-devtools --save

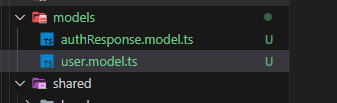
npm install @ngrx/effects

* You can clone all of this from github

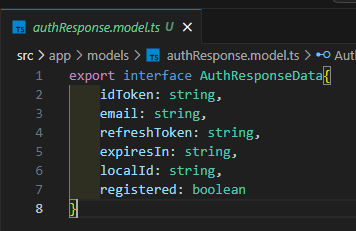
<https://github.com/lukeangular/NGRX_AUTH>

## **Create Models**

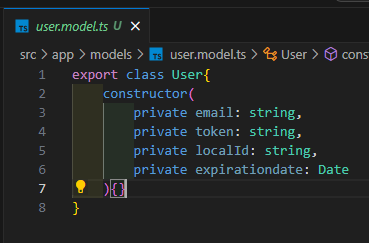
* Create models folder



* Auth response model is for mapping data

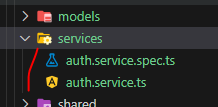


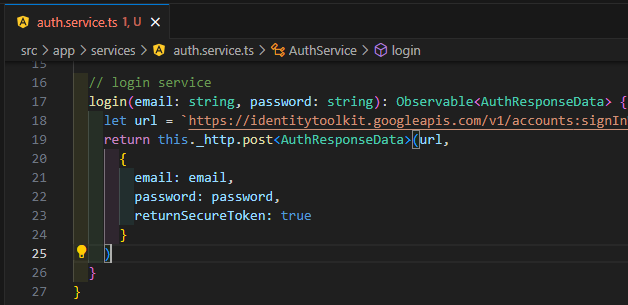
* User model if for formatting data



## **Create services**

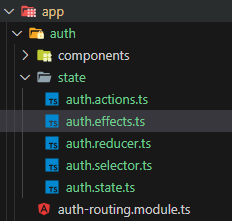
* Create models folder and generate auth files





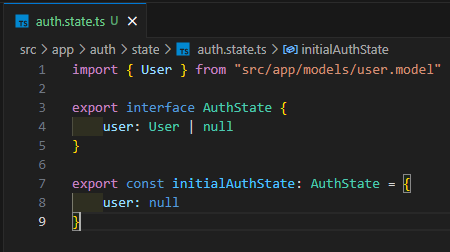
## **Auth state**

* Create auth state and files inside it



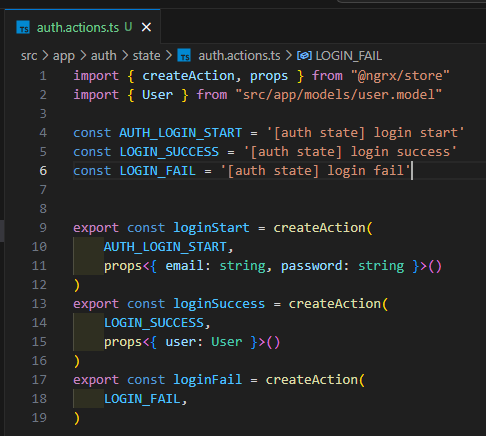
### State

* At first go to state file and create state



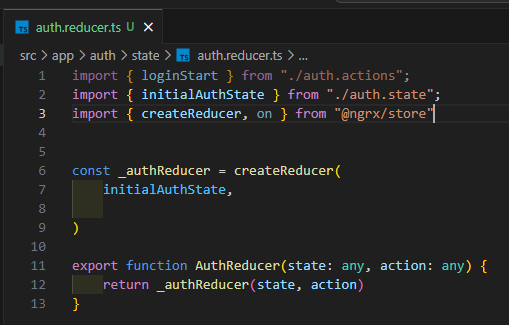
### Action

* Go to action and create actions



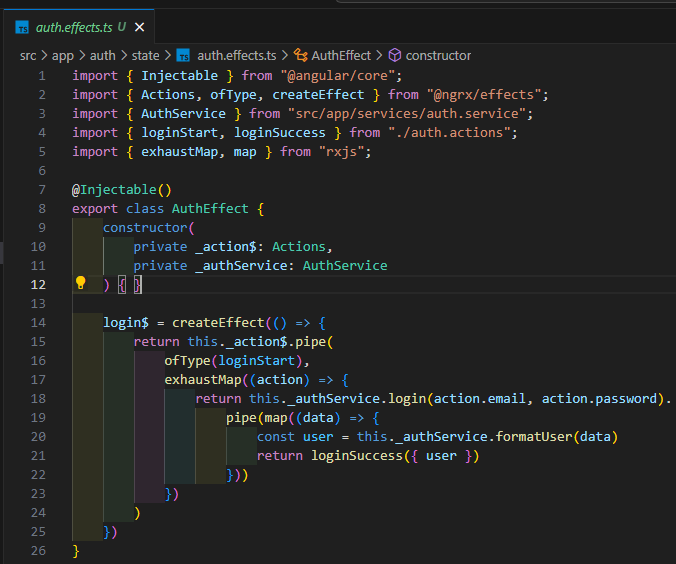
### Reducer

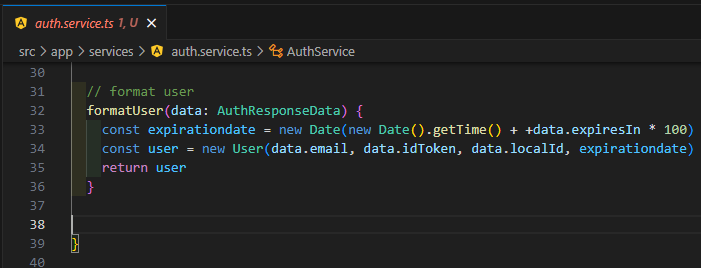
* Open reducer file and write code



### Effects

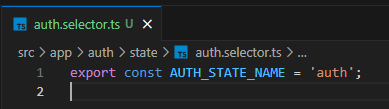
* Open effects file and





### Selector

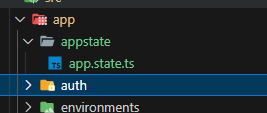
* Go to auth selector

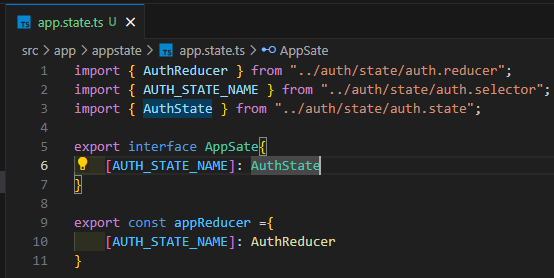


## **App state and register state**

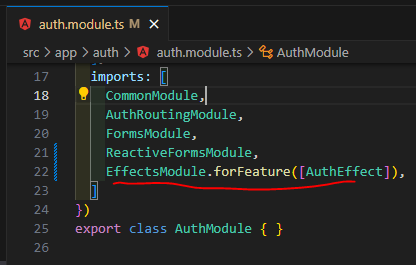
* Auth state should be available among all the components, so we need to make it global

Create app state folder for one global state

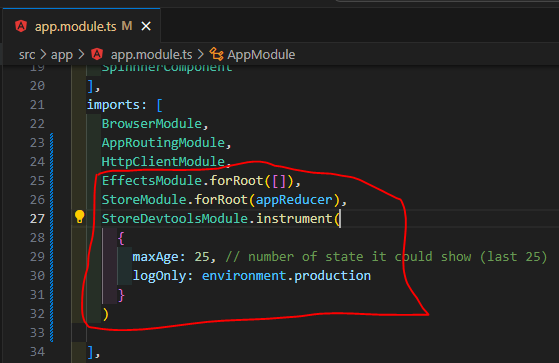




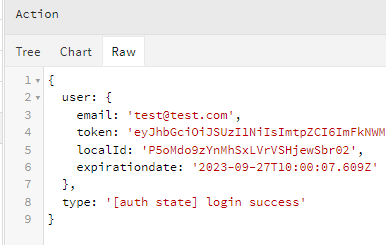
* Now add feature effect of auth, on auth module



* Go to app module (main module)



* If use provide valid login and username, we get this



## **Save token in store**

* Go to reducer and update reducer

