import { Actions, Effect } from '@ngrx/effects';

import { Component, OnInit } from '@angular/core';

import { NgForm } from '@angular/forms';

import { Store } from '@ngrx/store';

import \* as **fromApp from '../../store/app.reducers';**

import \* as **AuthActions from '../store/auth.actions'**;

@**Component**({

selector: 'app-signup',

templateUrl: './signup.component.html',

**styleUrls**: ['./signup.component.css']

})

export class **SignupComponent** implements OnInit {

constructor(private store: Store<fromApp.AppState>) { }

ngOnInit() {

}

**onSignup**(form: NgForm) {

const email = form.value.email;

const password = form.value.password;

this.store.**dispatch**(new **AuthActions**.**TrySignup**({username: email, password: password}));

}

}---------------------

<div class="row">

<div class="col-xs-12 col-sm-10 col-md-8 col-sm-offset-1 col-md-offset-2">

<form (ngSubmit)="onSignup(f)" #f="ngForm">

<div class="form-group">

<label for="email">Mail</label>

<input type="email" id="email" name="email" ngModel class="form-control">

</div>

<div class="form-group">

<label for="password">Password</label>

<input type="password" id="password"

name="password" ngModel class="form-control">

</div>

<button class="btn btn-primary" type="submit" **[disabled]="!f.valid"**>Sign Up</button>

</form>

</div>

</div>

**npm install –save ngrx/router-store**

**npm install –save @ngrx/store-devtools**

import { BrowserModule } from '@angular/platform-browser';

import { HttpClientModule } from '@angular/common/http';

import { NgModule } from '@angular/core';

import { StoreModule } from '@ngrx/store';

import { AppComponent } from './app.component';

import { AppRoutingModule } from './app-routing.module';

import { SharedModule } from './shared/shared.module';

import { ShoppingListModule } from './shopping-list/shopping-list.module';

import { AuthModule } from './auth/auth.module'

import { CoreModule } from './core/core.module';

import { reducers } from './store/app.reducers';

import { EffectsModule } from '@ngrx/effects';

import { StoreRouterConnectingModule } from '@ngrx/router-store';

import { StoreDevtoolsModule } from '@ngrx/store-devtools';

import { environment } from '../environments/environment';import { AuthEffects } from './auth/store/auth.effects';

@NgModule({

declarations: [

AppComponent

],

imports: [

BrowserModule, HttpClientModule,

AppRoutingModule,

SharedModule,

ShoppingListModule,

AuthModule,

CoreModule,

StoreModule.forRoot(reducers),

EffectsModule.forRoot([AuthEffects]),

StoreRouterConnectingModule,

**!environment.production ? StoreDevtoolsModule.instrument**() : []

],

bootstrap: [AppComponent]

})

export class **AppModule** { }

export const environment = {

production: true

};