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

import { CanActivate, ActivatedRouteSnapshot, RouterStateSnapshot, UrlTree, Router } from '@angular/router';

import { Observable } from 'rxjs';

import { UserAuthService } from './user-auth.service';

import { UserService } from './user.service';

@Injectable({

providedIn: 'root'

})

export class AuthGuard implements CanActivate {

constructor(

private userAuthService: UserAuthService,

private router: Router,

private userService: UserService

) { }

canActivate(

route: ActivatedRouteSnapshot,

state: RouterStateSnapshot): Observable<boolean | UrlTree> | Promise<boolean | UrlTree> | boolean | UrlTree {

if (this.userAuthService.getToken() !== null) {

const role = route.data['roles'] as Array<string>;

if (role) {

const match = this.userService.roleMatch(role);

if (match) {

return true;

} else {

this.router.navigate(['/forbidden'])

return false;

}

}

}

this.router.navigate(['/login']);

return false;

}

}