Angular Route - Guards

SnapShots

src/app/auth-guard.service.ts

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

import { CanActivate, Router, ActivatedRouteSnapshot,

RouterStateSnapshot }  from '@angular/router';

import { AuthService } from './auth.service';


@Injectable()

export class AuthGuard implements CanActivate {

constructor(private authService: AuthService,

          private router: Router) {}

  canActivate(route: ActivatedRouteSnapshot,

            state: RouterStateSnapshot): boolean {

    let url: string = state.url;

    return this.checkLogin(url);

  }

  checkLogin(url: string): boolean {

    if (this.authService.isLoggedIn) { return true; }

    // Store the attempted URL for redirecting

    this.authService.redirectUrl = url;

    // Navigate to the login page with extras

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

    return false;

  } }
```

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