

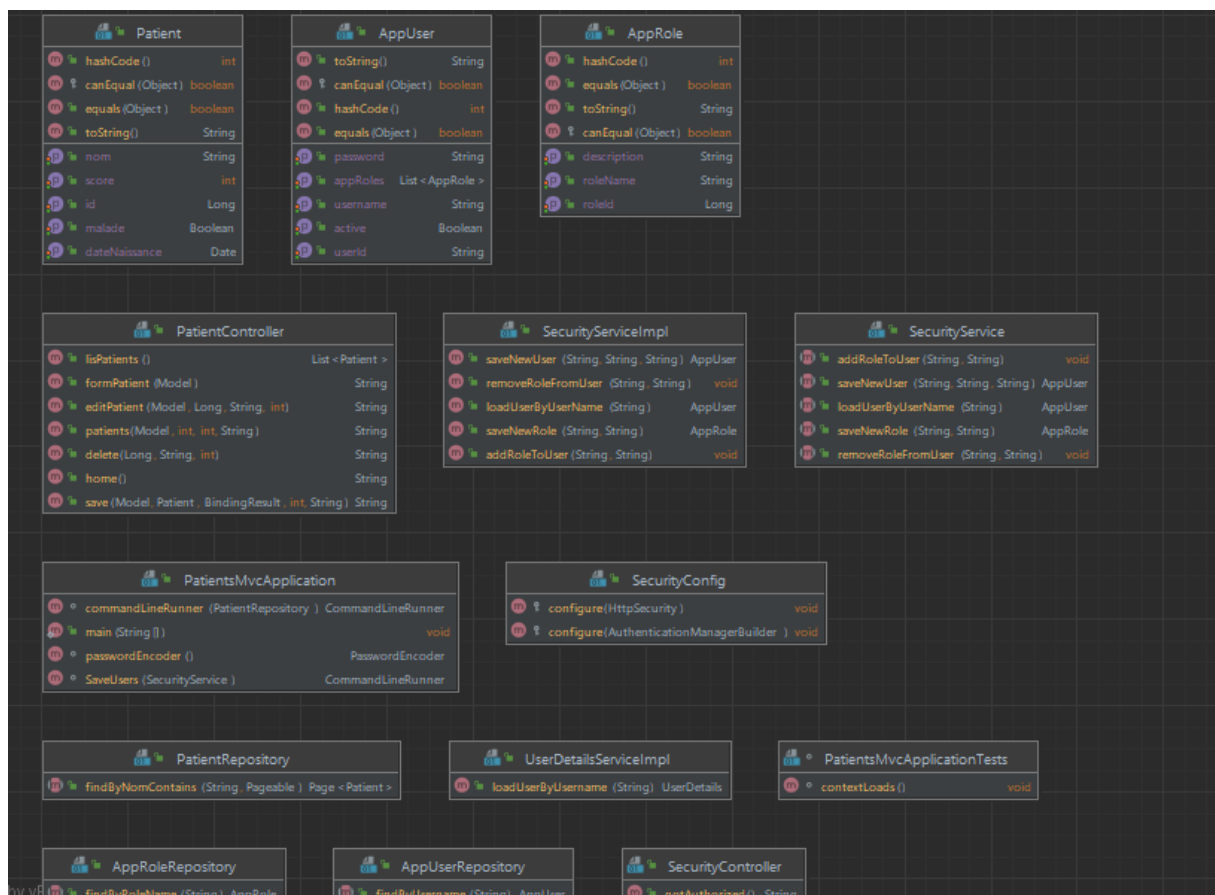
## Activité pratique 4

### Partie Spring Security

#### Objectif :

Sécuriser l'accès à l'application qui permet de gérer les patients en utilisant spring security . l'accès nécessite un username et un mot de passe.

#### Architecture globale



#### 1- Ajouter la dépendance Maven de spring Security

```
<dependency>
  <groupId>org.thymeleaf.extras</groupId>
  <artifactId>thymeleaf-extras-springsecurity5</artifactId>
</dependency>
```

## 2- In memory authentication :

### Rôle user et rôle admin

```
String encodedPWD=passwordEncoder.encode( rawPassword: "1234");
System.out.println(encodedPWD);
auth.inMemoryAuthentication().withUser( username: "user1").password(encodedPWD).roles("USER");
auth.inMemoryAuthentication().withUser( username: "user2").password(passwordEncoder.encode( rawPassword: "1111")).roles("USER");
auth.inMemoryAuthentication().withUser( username: "admin").password(passwordEncoder.encode( rawPassword: "2345")).roles("USER", "ADMIN");
```

## 3- JDBC authentication :

```
auth.jdbcAuthentication()
    .dataSource(dataSource)
    .usersByUsernameQuery("select username as principal, password as credentials, active from users where username=?")
    .authoritiesByUsernameQuery("select username as principal, role as role from users_roles where username=?")
    .rolePrefix("ROLE_")
    .passwordEncoder(passwordEncoder);
```

## 4- UserDetailsService authentication :

Please sign in

You have been signed out

mohamed

....

Sign in

Home Disabled Patients mohamed

nouveau

chercher

## Modification des informations

Patients mohamed

Nom

Date

jj/mm/aaaa

Malade ☐

score

0

Save

Disabled Patients

mohamed

Liste des patients

Key word

Chercher

ID	Nom	Date	malade	score		
47	yasmine	2022-04-10	true	235	Delete	Edit
48	Hanae	2022-04-10	false	96	Delete	Edit
49	Hassan	2022-04-10	false	12	Delete	Edit
50	mohammed	2022-04-10	true	48	Delete	Edit
51	yasmine	2022-04-10	true	235	Delete	Edit

0

1

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## Suppression d'un patient

Disabled Patients

locamost.0002 indique  
êtes-vous sure?

OKAnnuler

mohamed

Liste des patients

Key word

Chercher

ID	Nom	Date	malade	score		
48	Hanae	2022-04-10	false	96	Delete	Edit
49	Hassan	2022-04-10	false	12	Delete	Edit