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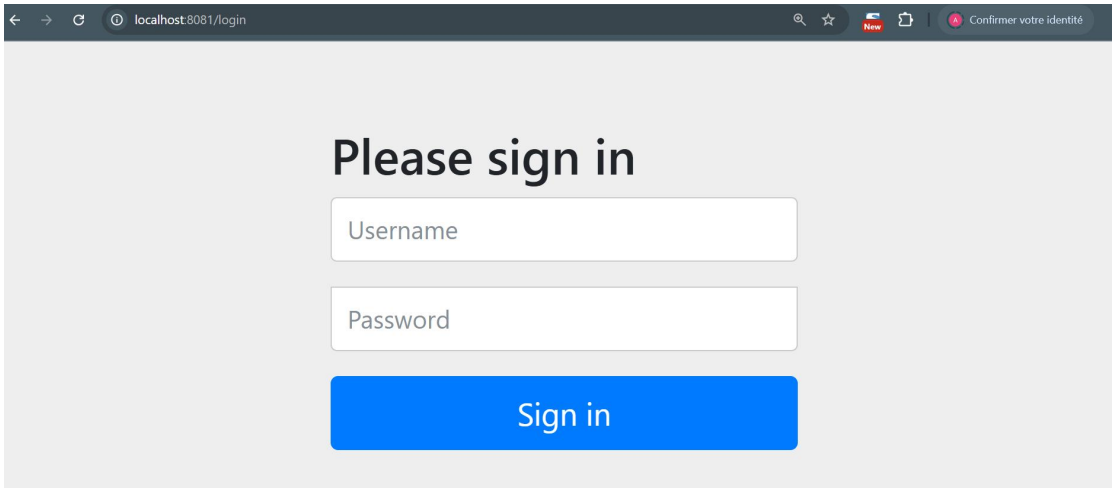
M1 GLSI

Cours Inf3522 - Développement d'Applications JEE

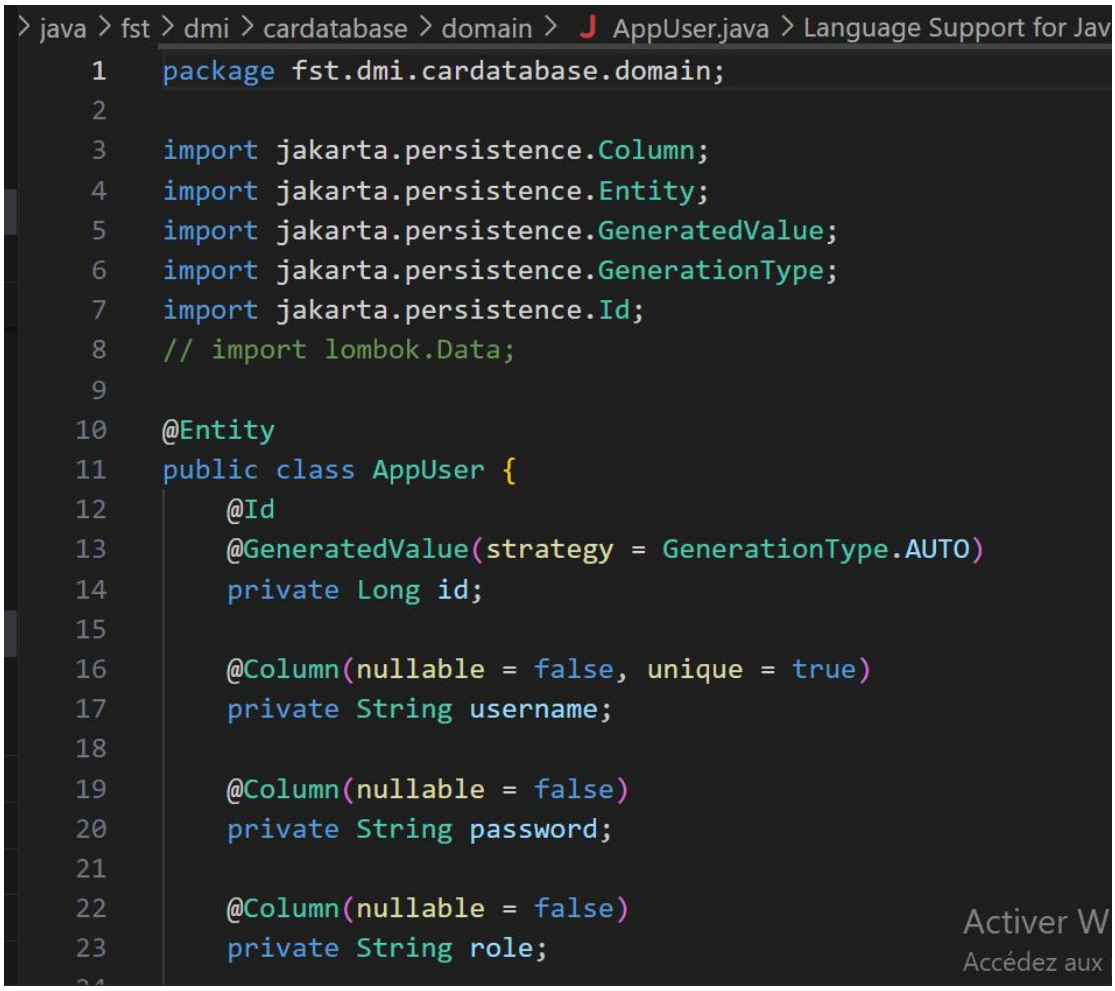
Lab_5 : Sécurisation

Ajoutons les dépendances nécesaires:

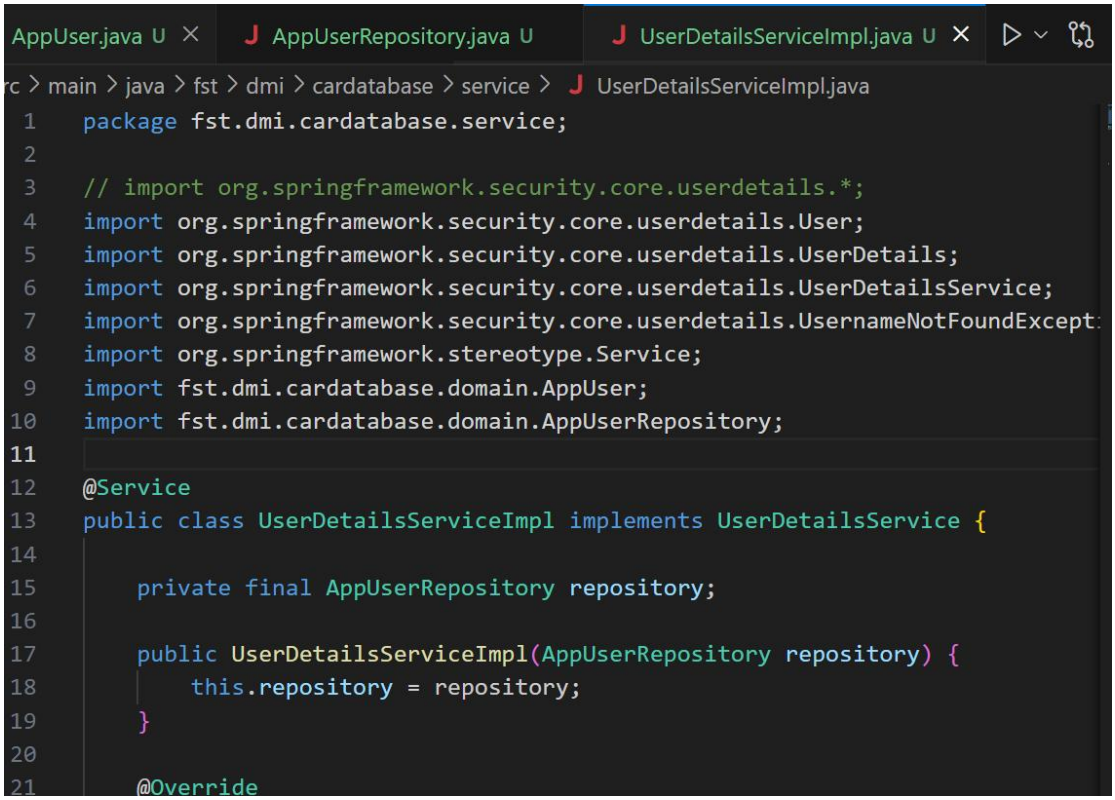
```
dependencies {
    implementation 'org.springframework.boot:spring-boot-starter-web'
    implementation 'org.springframework.boot:spring-boot-starter-data-jpa'
    implementation 'org.springframework.boot:spring-boot-starter-data-rest'
    implementation group: 'org.springdoc', name: 'springdoc-openapi-starter
    developmentOnly 'org.springframework.boot:spring-boot-devtools'
    testImplementation 'org.springframework.boot:spring-boot-starter-test'
    runtimeOnly 'org.mariadb.jdbc:mariadb-java-client'

    implementation 'org.springframework.boot:spring-boot-starter-security'
    testImplementation 'org.springframework.security:spring-security-test'

}
```



AppUser.java :

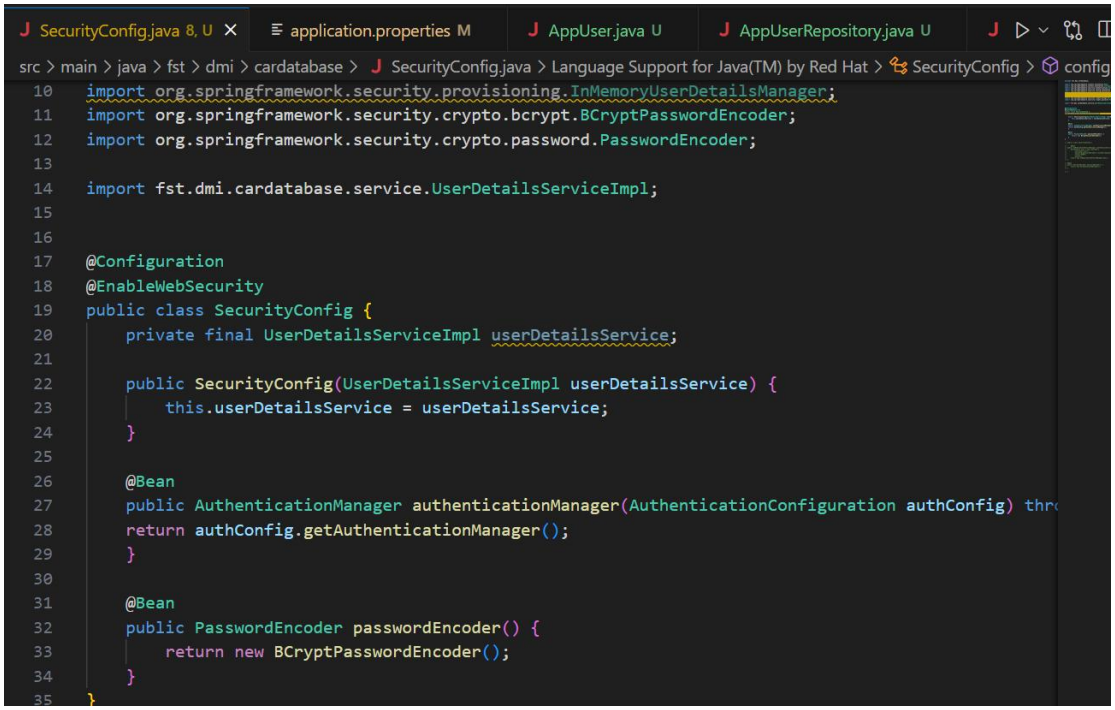


UserDetailsServiceImpl.java :

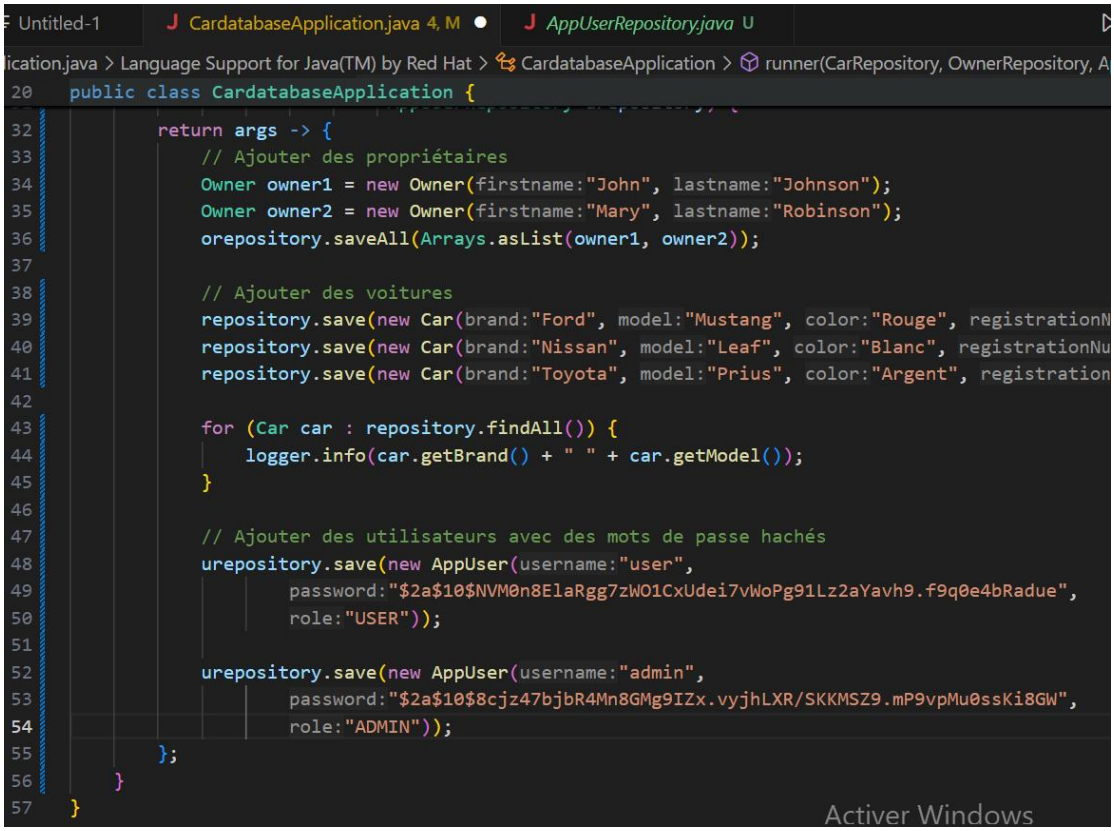


Modifions la sécurité pour utiliser la base :

SecurityConfig.java :

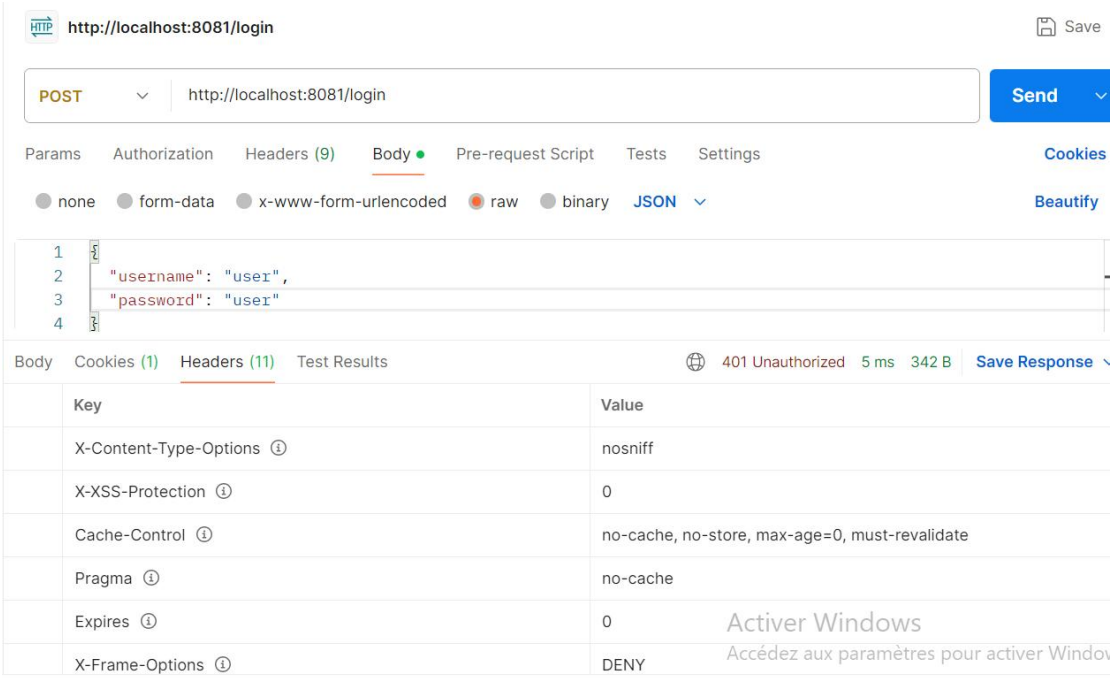


Enregistrons des utilisateurs test dans CardatabaseApplication.java

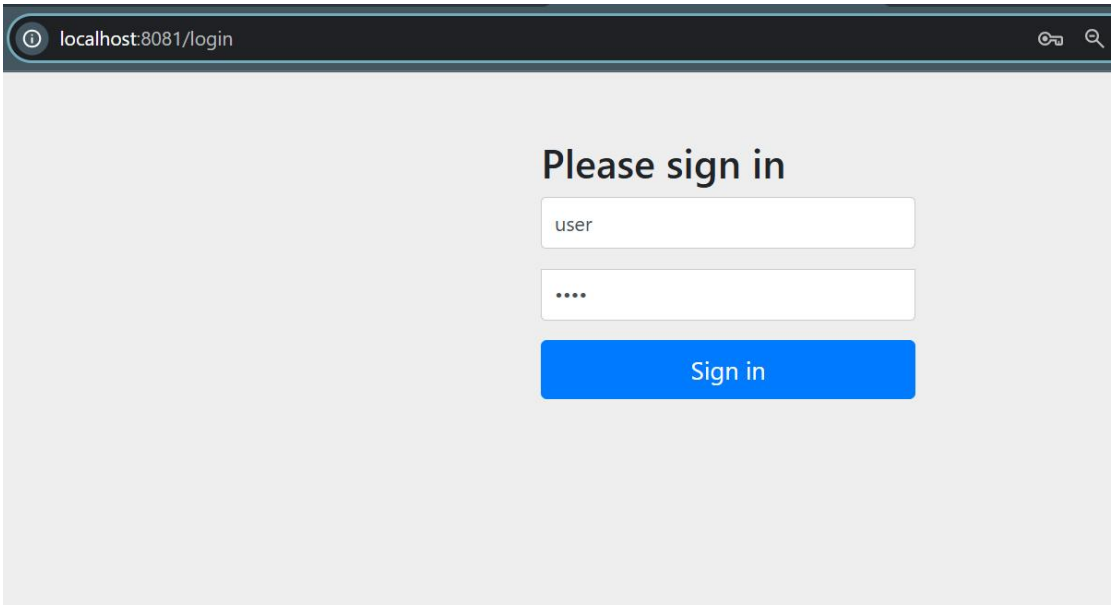


Les utilisateurs apparaissent bien dans la BD :

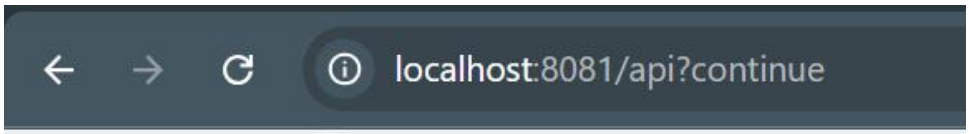
Testons avec Postman :



Testons sur le navigateur :



Avec l'authentification, nous pouvons voir que la réponse contient nos ressources API, comme illustré dans la capture d'écran suivante :



Impression élégante ☐


```
{
  "_links" : {
    "owners" : {
      "href" : "http://localhost:8081/api/owners"
    },
    "cars" : {
      "href" : "http://localhost:8081/api/cars"
    },
    "appUsers" : {
      "href" : "http://localhost:8081/api/appUsers"
    },
    "profile" : {
      "href" : "http://localhost:8081/api/profile"
    }
  }
}
```