

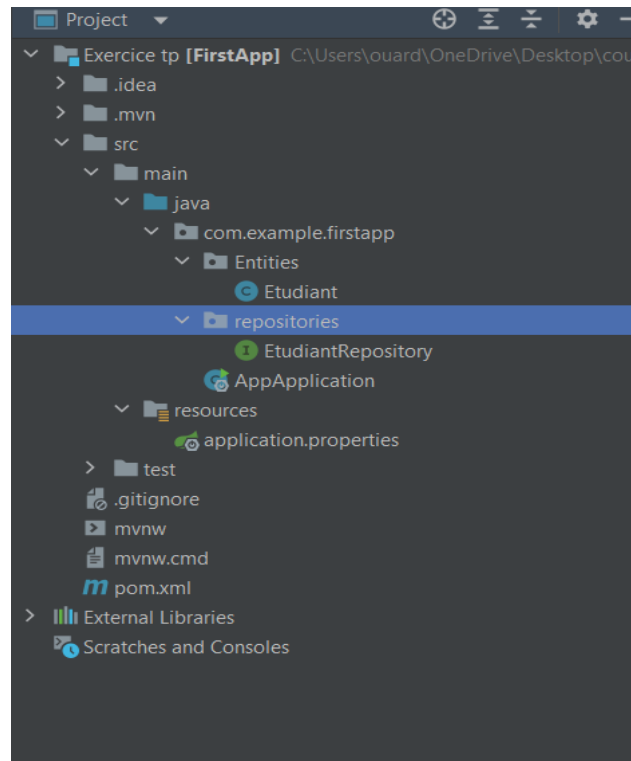
Compte Rendu TP Jpa Hibernate, Spring data

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Realise Par : Ouardini Anass

Ouardini Anass

1-Structure du projet :



2-Etudiant class(Entity):

```
package com.example.firstapp.Entities;

import ...

7 usages
@Entity @Table(name="ETUDIANT")
@Data @AllArgsConstructor @NoArgsConstructor
public class Etudiant {
    no usages
    @Id @GeneratedValue(strategy = GenerationType.IDENTITY)
    private Integer id;
    no usages
    @Column(name = "REGISTRATION_N", unique = true)
    private String registrationNumber;
    no usages
    @Column(name = "Name", length = 30, nullable = false)
    private String fullName;
    no usages
    @Temporal(TemporalType.DATE)
    private Date birthday;
    no usages
    private Boolean stillActive;
    no usages
    @Temporal(TemporalType.TIMESTAMP) @CreationTimestamp
    private Date lastConnection;
}
```

3-AppApplication :

1-ajout d'étudiant:

```
etudiantRepository.save(new Etudiant( id: null, registrationNumber: "1", fullName: "Anass", new Date(), stillActive: true, lastConnection: null));  
etudiantRepository.save(new Etudiant( id: null, registrationNumber: "2", fullName: "Ahmade", new Date(), stillActive: true, lastConnection: null));
```

2-Count :

```
System.out.println("Count : "+ etudiantRepository.count());
```

3-Afficher Liste Des Etudiants :

```
List<Etudiant> etudiants = etudiantRepository.findAll();  
etudiants.forEach(etudiant -> {  
    System.out.println(etudiant.toString());  
});
```

4-Trouver Un etudiant par Id:

```
Etudiant etudiant = etudiantRepository.findById(3).orElse( other: null);  
System.out.println(etudiant.toString());
```

5-Modifier et supprimer :

```
etudiant.setRegistrationNumber("S3");  
etudiantRepository.save(etudiant);  
  
etudiantRepository.delete(etudiant);  
System.out.println("Count : "+ etudiantRepository.count());  
  
etudiantRepository.deleteById(5);  
System.out.println("Count : "+ etudiantRepository.count());
```