Compte rendu de : SEANCE 04



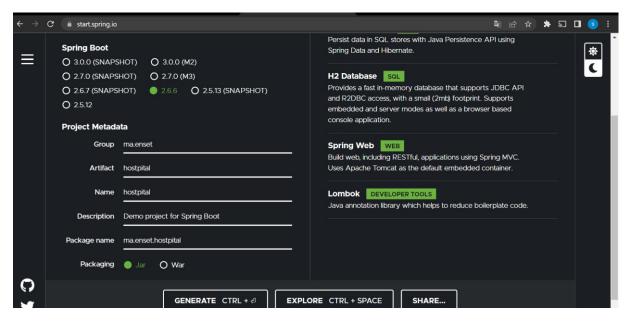
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Département : Mathématiques et Informatique

Filière : II-BDCC

Professeur: M. Mohamed YOUSSFI

Etape 1 : Création d'un projet spring à partir :



Etape 2 : Gestion des entités

Patient

```
| Project | Proj
```

Consultation

Rendez-Vous

```
Ele Edit Wiew Navigate Code Refactor Rolld Run Jools VCS Window Help hostpitul-RenderVousjava

hostpital src main java ma enset hostpital entities @ RenderVous @ consultation

Patientjava × @ Consultation; wa  @ RenderVous @ application.properties × @ StatusRDVjava × @ Medecinjava ×

pockage ma.enset.hostpital.entities;

import lombok.AltArgsSconstructor;
import lombok.NotargsConstructor;
import lombok.NotargsConstructor;
import java.util.Date;
import jav
```

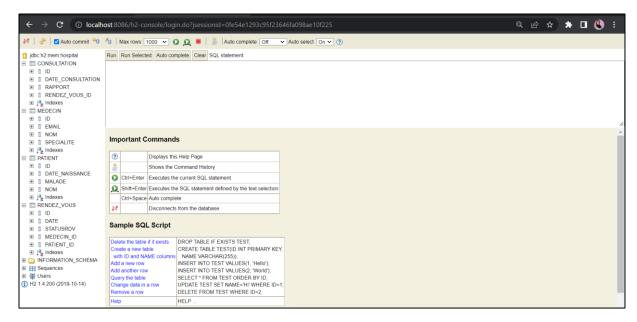
• Enum: StatusRDV



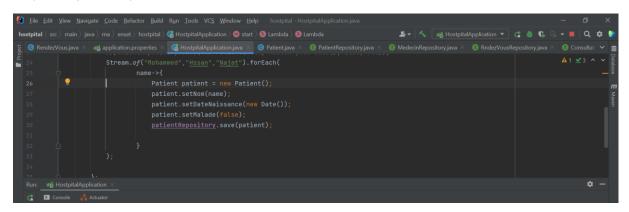
Medecin



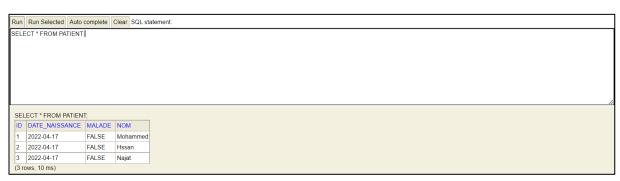
Etape 3 : Démarrage de l'application spring



Etape 4 : Ajout des patients



Etape 5 : Résultats



Etape 6 : Ajout des médecins

```
Stream.of("Hayat","Aya","Soukayna").forEach(

name->{

Medecin medecin = new Medecin();

medecin.setNom(name);

medecin.setSpecialite(Math.random()>0.5?"Cardio":"Dentiste");

medecin.setEmail(hame+"@gmail.com");

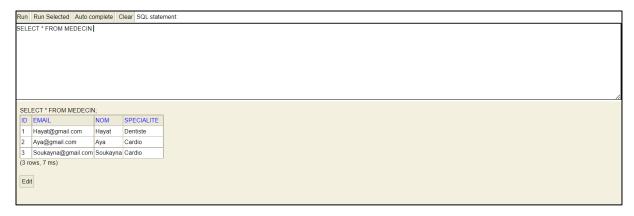
medecin.setEmail(hame+"@gmail.com");

medecin.setSpecialite(Math.random()>0.5?"Cardio":"Dentiste");

medecin.setEmail(hame+"@gmail.com");

medecin.setEmail(hame+"@gmail.com");
```

Etape 7 : Résultats



Etape 8: Ajout des rendez-vous

```
Patient patient = patientRepository.findById(1L).orElse(other null);
Patient patient1 = patientRepository.findByNom(name: "Mohammed");
Medecin medcin = medcecinRepository.findByNom(name: "Aya");
RendezVous rendezVous = new RendezVous();
rendezVous.setDate(new Date());
rendezVous.setStatusRDV(StatusRDV.PENDING);
rendezVous.setHedecin(medecin);
rendezVous.setPatient(patient);
rendezVous.setPatient(patient);
}

pandezVousRepository.save(rendezVous);
}
```

Etape 9 : Résultats



Etape 10: Ajout des consultations

```
Consultation consultation = new Consultation();

RendezVous rendezVous1=rendezVousRepository.findById(1L).orElse(other null);

consultation.setDateConsultation(new Date());

consultation.setRendezVous(rendezVous1);

consultation.setRapport("Rapport de consultation ...");

consultationRepository.save(consultation);
```

Etape 10: Résultats

```
Run Run Selected | Auto complete | Clear | SQL statement:

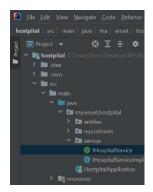
SELECT * FROM CONSULTATION|

SELECT * FROM CONSULTATION,

| D | DATE_CONSULTATION | RAPPORT | RENDEZ_VOUS_ID |
| 1 | 2022-04-17 02-35-25-351 | Rapport de consultation .... 1 |
| (1 row, 10 ms)
```

Etape 11 : Création de la couche Service

L'interface IHospitalService



```
public interface IHospitalService {

public interface IHospitalService {

Patient savePatient(Patient patient);

Medecin saveMedecin(Medecin medecin);

RendezVous saveRendezVous(RendezVous) rendezVous);

Consultation saveConsultation consultation);

Patient findByMomPatient(String name);

Optional<Patient> findByIdPatient(Long id);

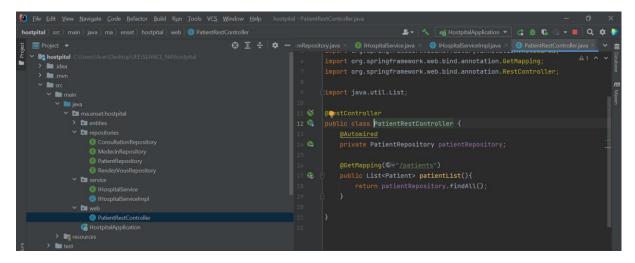
Medecin findByMomMedecin(String name);

Optional<RendezVous> findByIdRDV(Long id);
```

Implémentation de l'interface IHospitalService

```
| Project | Description | State | Stat
```

Etape 11 : Création de la couche Web - PatientRestController



Etape 12: Resultats

