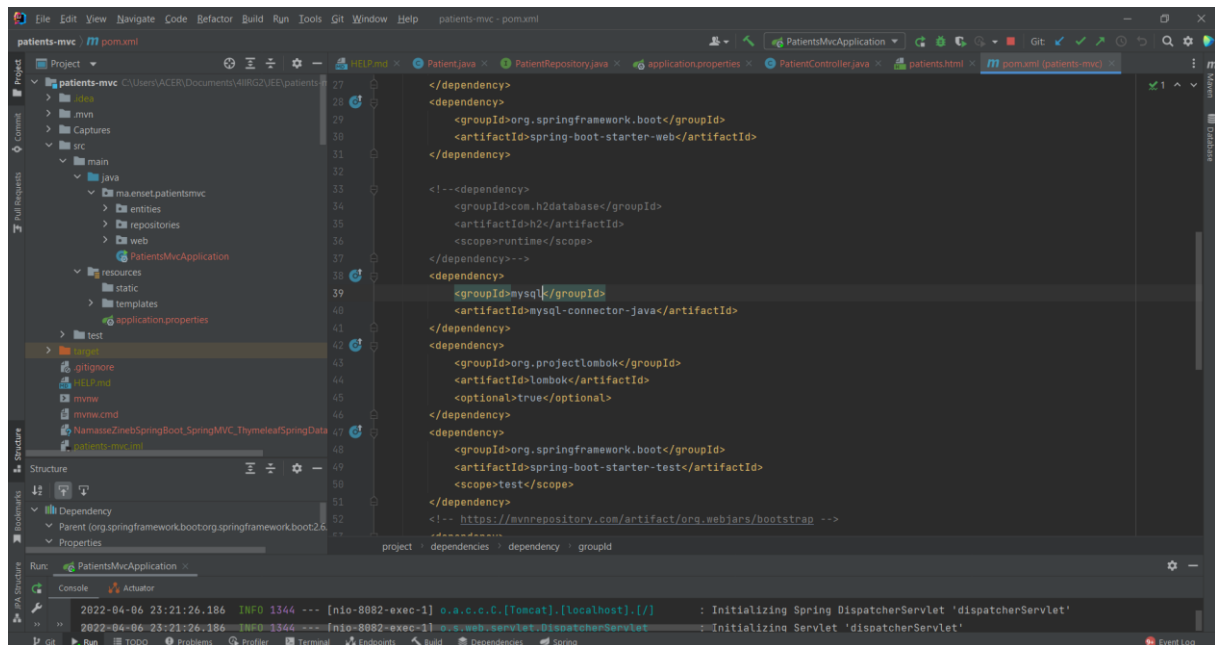
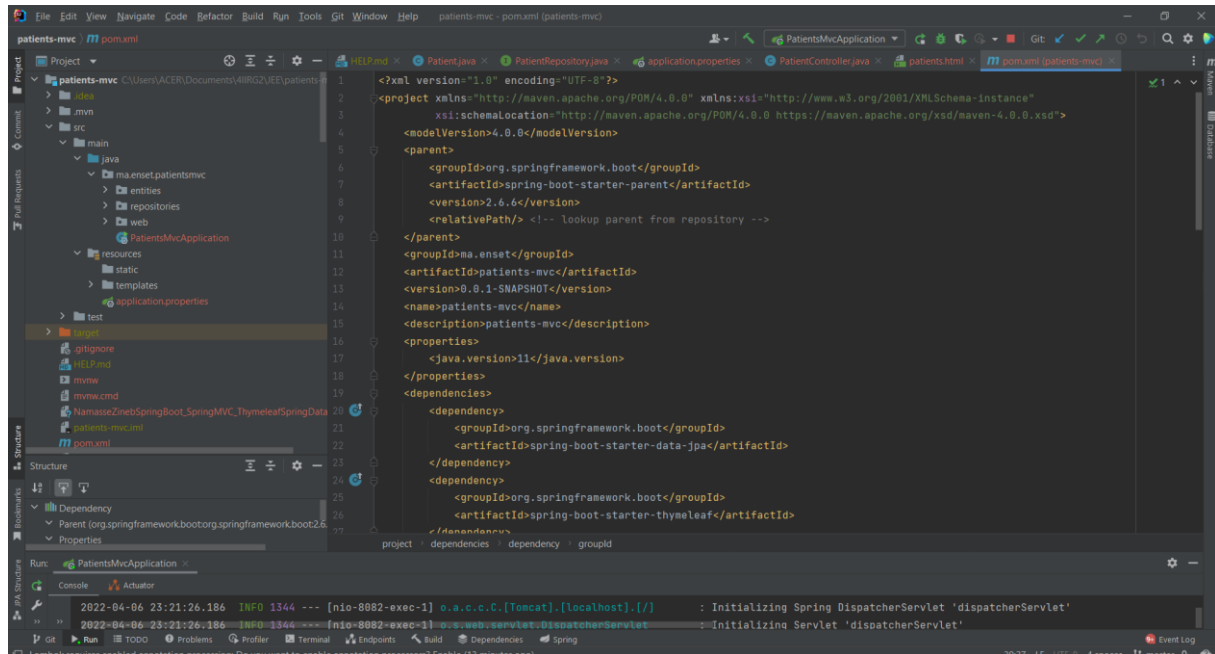
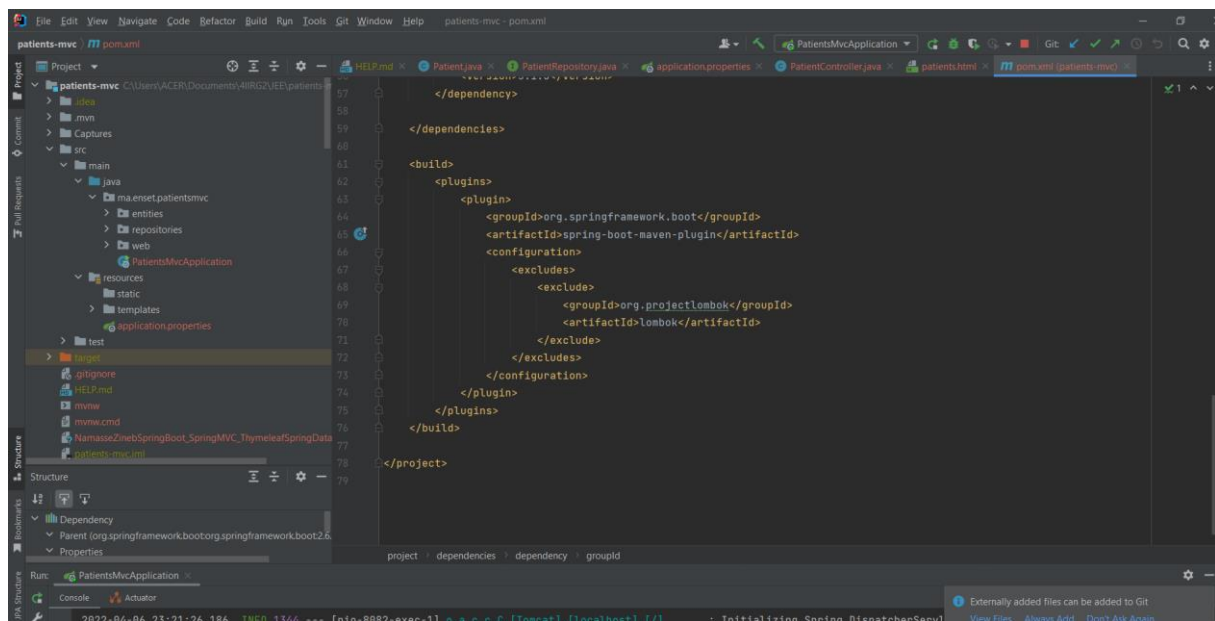
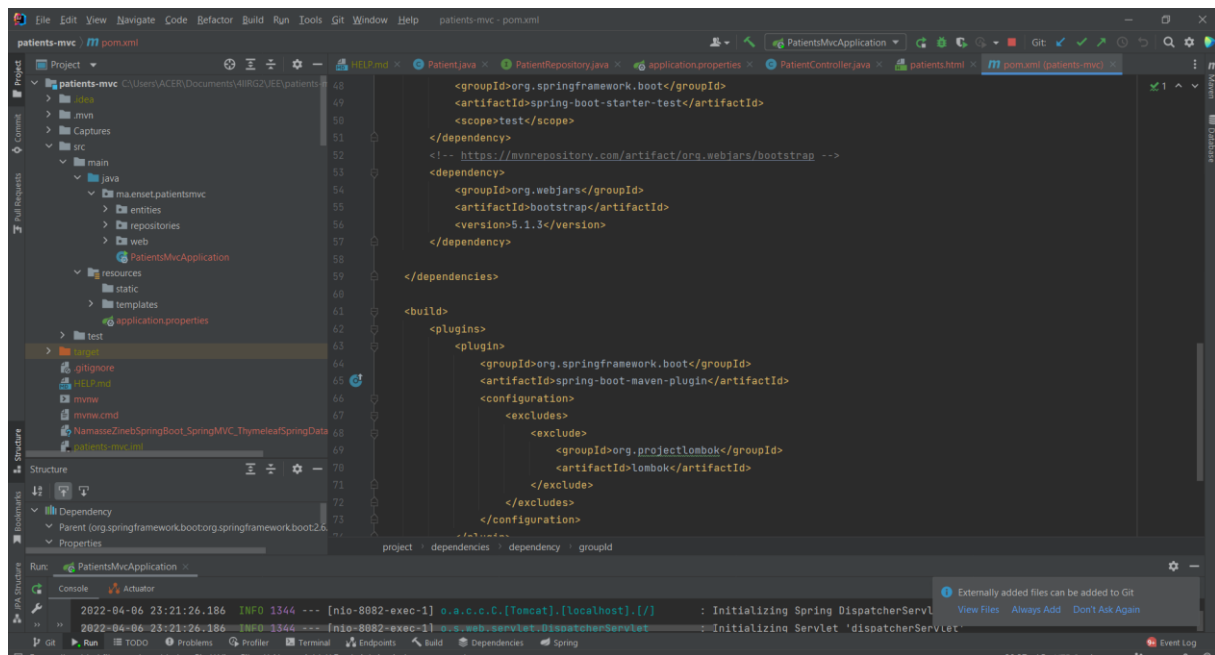


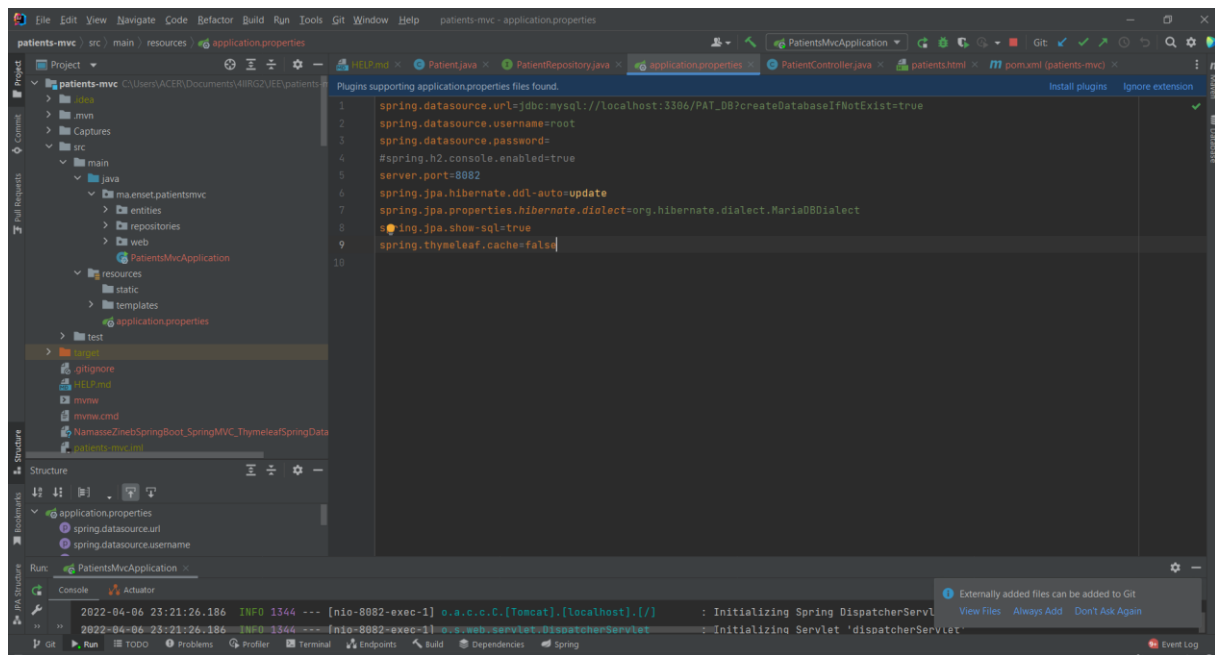
Spring Boot Spring MVC Thymeleaf Spring Data IntelliJ (Partie 1)

[pom.xml](#)

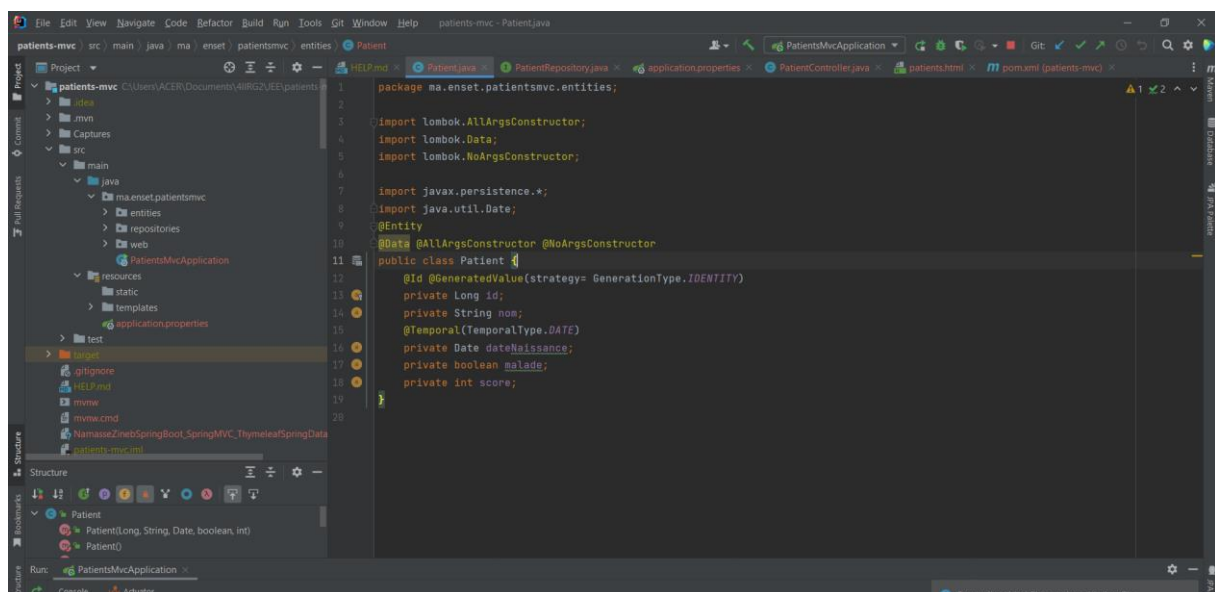




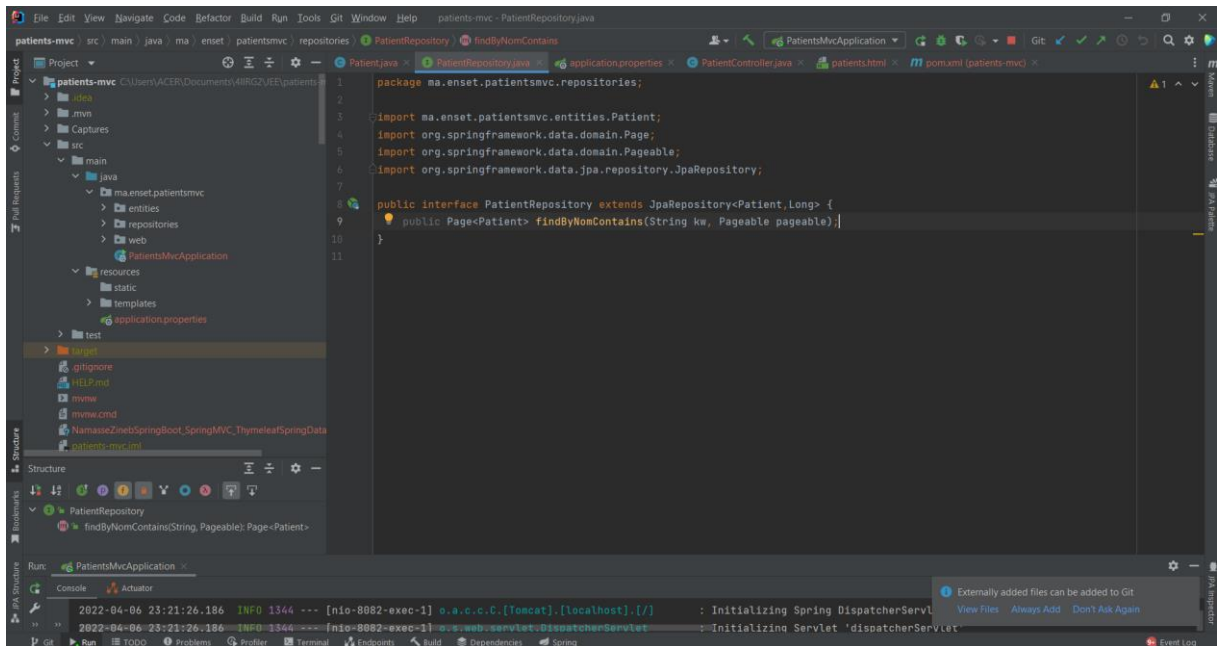
application.properties



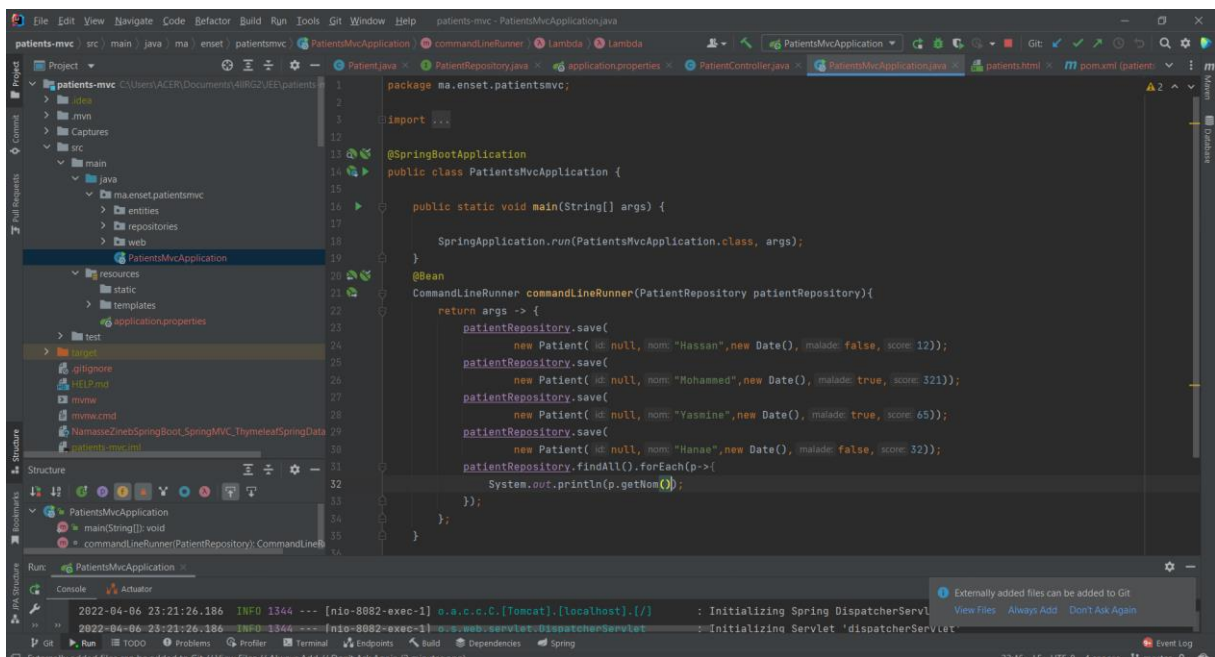
Patient.java



PatientRepository.java



PatientMvcApplication.java



PatientController.java

```
package ma.enset.patientsmvc.web;

import lombok.AllArgsConstructor;
import ma.enset.patientsmvc.entities.Patient;
import ma.enset.patientsmvc.repositories.PatientRepository;
import org.springframework.data.domain.Page;
import org.springframework.data.domain.PageRequest;
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.web.bind.annotation.ResponseBody;

import java.util.List;

@Controller
@RequestMapping
@AllArgsConstructor
public class PatientController {

    private PatientRepository patientRepository;

    @GetMapping(path="/index")
    public String patients(Model model, @RequestParam(name = "page", defaultValue = "0") int page,
                           @RequestParam(name = "size", defaultValue = "5") int size,
                           @RequestParam(name = "keyword", defaultValue = "") String keyword){
        Page<Patient> pagePatients=patientRepository.findByNotContains(keyword,PageRequest.of(page,size));
        model.addAttribute( attributeName: "listPatients",pagePatients.getContent());
        model.addAttribute( attributeName: "pages",new int[] {pagePatients.getTotalPages()});
    }

    @GetMapping(path="/delete/{id}")
    public String delete(Long id,String keyword,int page){
        patientRepository.deleteById(id);
        return "redirect:/index?page="+page+"&keyword="+keyword;
    }

    @GetMapping(path="/")
    public String home(){
        return "redirect:/index";
    }

    @GetMapping(path="/patients")
    @ResponseBody
    public List<Patient> listPatients(){
        return patientRepository.findAll();
    }
}
```

2022-04-06 23:21:26.186 INFO 1344 --- [nio-8082-exec-1] o.s.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'

```
package ma.enset.patientsmvc.web;

import lombok.AllArgsConstructor;
import ma.enset.patientsmvc.entities.Patient;
import ma.enset.patientsmvc.repositories.PatientRepository;
import org.springframework.data.domain.Page;
import org.springframework.data.domain.PageRequest;
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.web.bind.annotation.ResponseBody;

import java.util.List;

@Controller
@RequestMapping
@AllArgsConstructor
public class PatientController {

    private PatientRepository patientRepository;

    @GetMapping(path="/index")
    public String patients(Model model, @RequestParam(name = "page", defaultValue = "0") int page,
                           @RequestParam(name = "size", defaultValue = "5") int size,
                           @RequestParam(name = "keyword", defaultValue = "") String keyword){
        Page<Patient> pagePatients=patientRepository.findByNotContains(keyword,PageRequest.of(page,size));
        model.addAttribute( attributeName: "listPatients",pagePatients.getContent());
        model.addAttribute( attributeName: "pages",new int[] {pagePatients.getTotalPages()});
        model.addAttribute( attributeName: "currentPage",page);
        model.addAttribute( attributeName: "keyword",keyword);
        return "patients";
    }

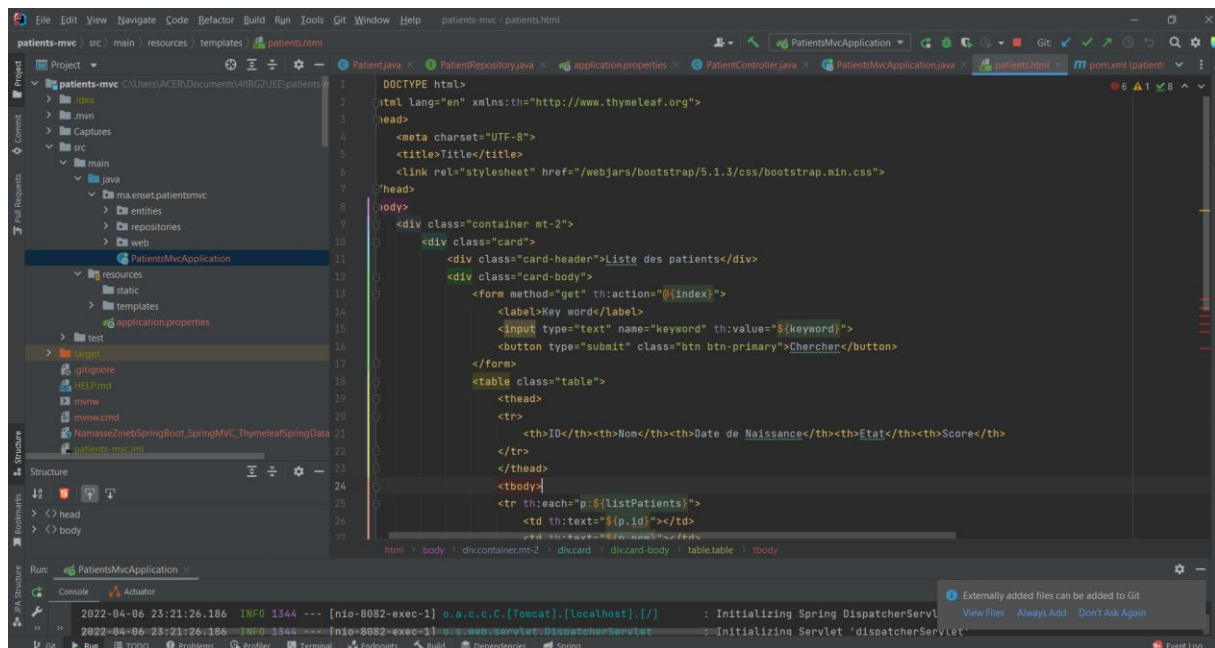
    @GetMapping(path="/delete/{id}")
    public String delete(Long id,String keyword,int page){
        patientRepository.deleteById(id);
        return "redirect:/index?page="+page+"&keyword="+keyword;
    }

    @GetMapping(path="/")
    public String home(){
        return "redirect:/index";
    }

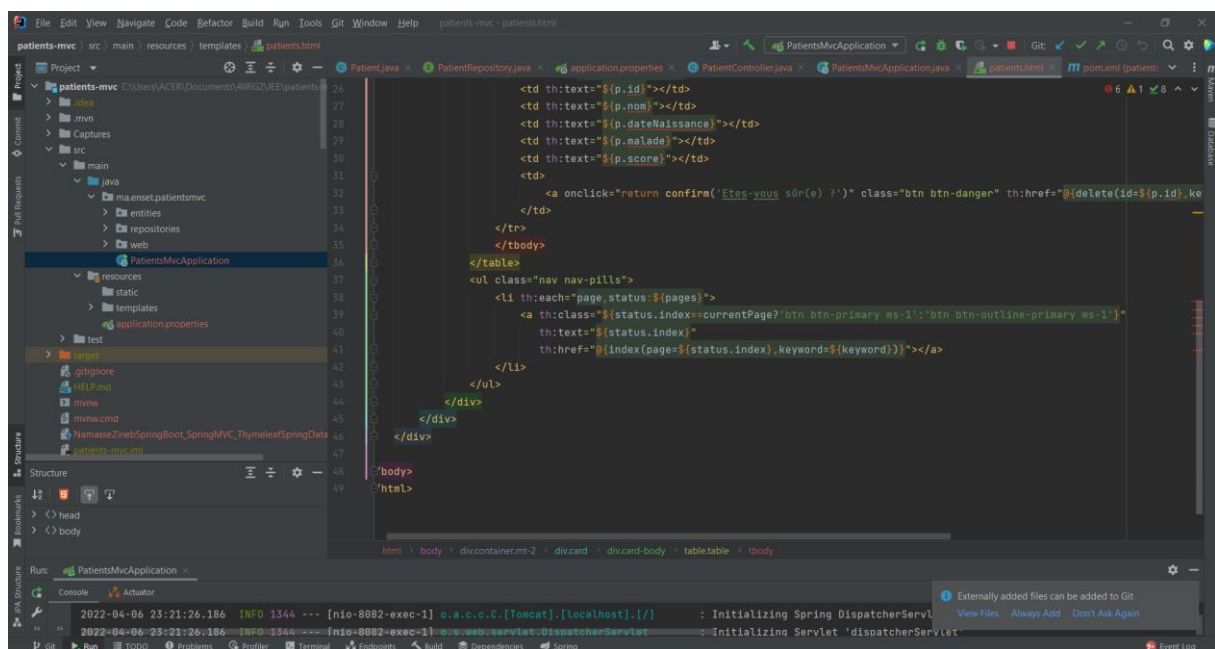
    @GetMapping(path="/patients")
    @ResponseBody
    public List<Patient> listPatients(){
        return patientRepository.findAll();
    }
}
```

2022-04-06 23:21:26.186 INFO 1344 --- [nio-8082-exec-1] o.s.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'

[patients.html](#)

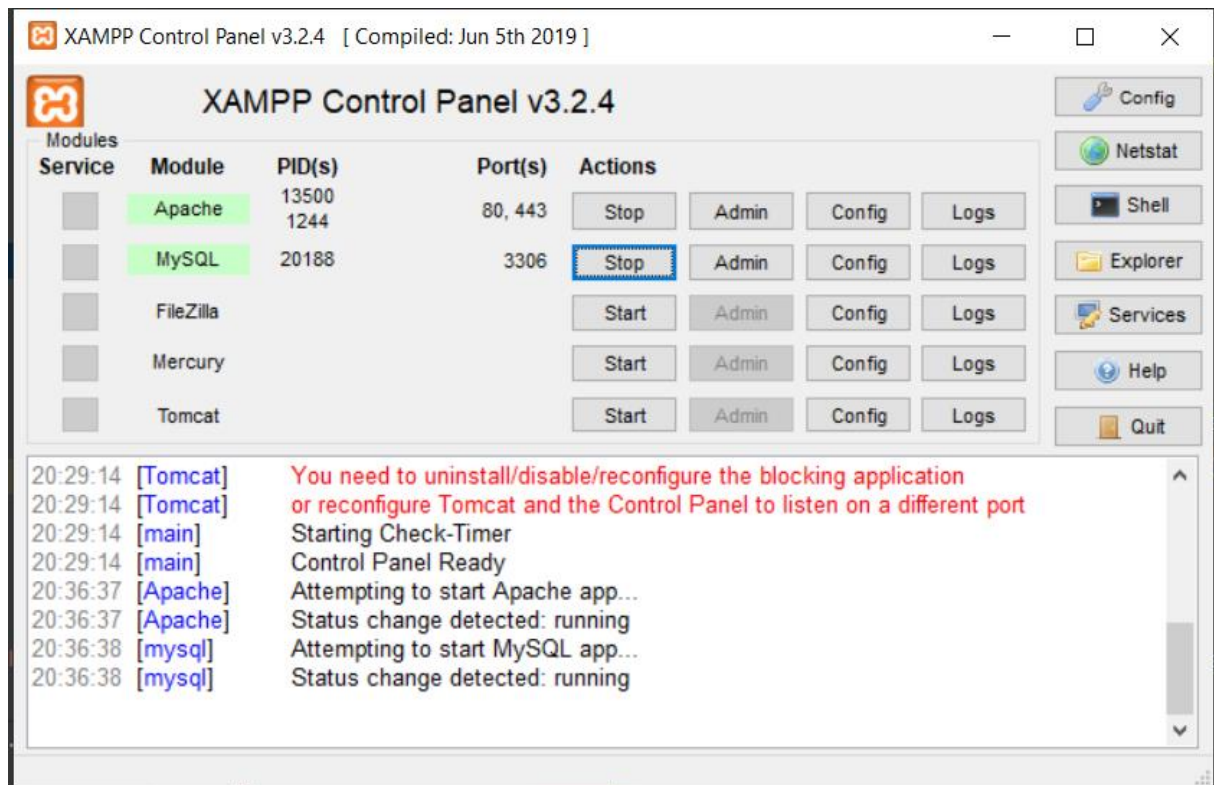


```
1<!DOCTYPE html>
2<html lang="en" xmlns:th="http://www.thymeleaf.org">
3<head>
4<meta charset="UTF-8">
5<title>Title</title>
6<link rel="stylesheet" href="/webjars/bootstrap/5.1.3/css/bootstrap.min.css">
7</head>
8<body>
9<div class="container mt-2">
10<div class="card">
11<div class="card-header">Liste des patients</div>
12<div class="card-body">
13<form method="get" th:action="@{index}">
14<label>Key word</label>
15<input type="text" name="keyword" th:value="${keyword}">
16<button type="submit" class="btn btn-primary">Chercher</button>
17</form>
18<table class="table">
19<thead>
20<tr>
21<th>ID</th><th>Nom</th><th>Date de Naissance</th><th>Etat</th><th>Score</th>
22</tr>
23</thead>
24<tbody>
25<tr th:each="p:${listPatients}">
26<td th:text="${p.id}"></td>
27<td th:text="${p.nom}"></td>
28<td th:text="${p.dateNaissance}"></td>
29<td th:text="${p.malade}"></td>
30<td th:text="${p.score}"></td>
31</tr>
32</tbody>
33</table>
34</div>
35</div>
36</body>
37</html>
```

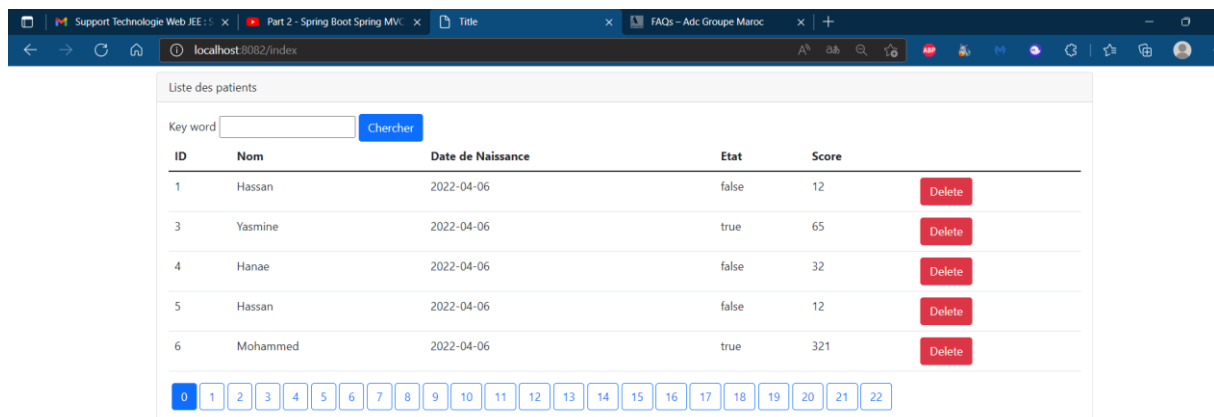


```
38<td th:text="${p.id}"></td>
39<td th:text="${p.nom}"></td>
40<td th:text="${p.dateNaissance}"></td>
41<td th:text="${p.malade}"></td>
42<td th:text="${p.score}"></td>
43<td>
44<a onclick="return confirm('Etes-vous sûr(e) ?')" class="btn btn-danger" th:href="@{delete(id=${p.id},key=${p.malade})}">Supprimer</a>
45</td>
46</tr>
47</tbody>
48</table>
49</div>
50</div>
51</body>
52</html>
```

XAMPP



index



index (avec pagination)

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localhost:8082/index?page=10&keyword=

Liste des patients

Key word Chercher

ID	Nom	Date de Naissance	Etat	Score	
52	Hanae	2022-04-06	false	32	Delete
53	Hassan	2022-04-06	false	12	Delete
54	Mohammed	2022-04-06	true	321	Delete
55	Yasmine	2022-04-06	true	65	Delete
56	Hanae	2022-04-06	false	32	Delete

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

Recherche

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localhost:8082/index?keyword=Mohammed

Liste des patients

Key word Mohammed Chercher

ID	Nom	Date de Naissance	Etat	Score	
6	Mohammed	2022-04-06	true	321	Delete
10	Mohammed	2022-04-06	true	321	Delete
14	Mohammed	2022-04-06	true	321	Delete
18	Mohammed	2022-04-06	true	321	Delete
22	Mohammed	2022-04-06	true	321	Delete

0 1 2 3 4 5

Suppression

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localhost:8082/index?keyword=Mohammed

Liste des patients

Key word Mohammed Chercher

localhost:8082 indique
Etes-vous sûr(e) ?
OK Annuler

ID	Nom	Date de Naissance	Etat	Score	
6	Mohammed	2022-04-06	true	321	Delete
10	Mohammed	2022-04-06	true	321	Delete
14	Mohammed	2022-04-06	true	321	Delete
18	Mohammed	2022-04-06	true	321	Delete
22	Mohammed	2022-04-06	true	321	Delete

0 1 2 3 4 5