I had pushed the Code to git below is the URL link

https://github.com/R-NandaKumar/Java-Fsd

SOURCE CODE

/vaccination-center-app-main/src/main/resources/application.properties

```
1 server.port=9090
2 spring.datasource.url=jdbc:mysql://localhost:3306/vaccination
3 spring.datasource.username=root
4 spring.datasource.password=root123
5 spring.jpa.hibernate.ddl-auto=update
6 spring.mvc.view.prefix=/WEB-INF/views/
7 spring.mvc.view.suffix=.jsp
```

com.example.vaccinationcenter

```
1 package com.example.vaccinationcenter;
2
3° import org.springframework.boot.builder.SpringApplicationBuilder;
5
6 public class ServletInitializer extends SpringBootServletInitializer {
7
8° @Override
9 protected SpringApplicationBuilder configure(SpringApplicationBuilder application) {
10 return application.sources(VaccinationCenterApplication.class);
11 }
12
13 }
```

```
ServletInitializer.java

☑ VaccinationCenterApplication.java ×
  1 package com.example.vaccinationcenter;
  3 import com.example.vaccinationcenter.entities.Citizen;
 13 public class VaccinationCenterApplication implements CommandLineRunner (
       private CitizenRepository citizenRepository;
       private VaccinationCenterRepository vaccinationCenterRepository;
      public static void main(String[] args) {
    SpringApplication.run(VaccinationCenterApplication.class, args);
 21 👄
           System.out.println("Started!");
 260
         Citizen citizen = new Citizen();
        citizen.setCity("CITY_1");
citizen.setName("NAME_1");
          citizenRepository.save(citizen);
          VaccinationCenter vc = new VaccinationCenter();
vc.setName("CLINIC_1");
           vaccinationCenterRepository.save(vc);
           citizen.setCenter(vc);
           citizenRepository.save(citizen);
```

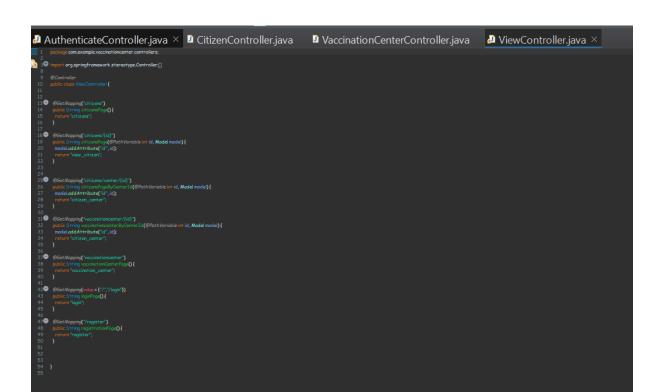
com.example.vaccinationcenter.advice

com.example.vaccinationcenter.config

com.example.vaccinationcenter.controllers

```
AuthenticateController.java 

| CitizenController.java | VaccinationCenterController.java | ViewController.java | ViewController.jav
```



com.example.vaccinationcenter.dtos

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CitizenDto.java

LoginRequestDto.java

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com.example.vaccinationcenter.entities

```
Citizen.java

User.java 

VaccinationCenter.java

perhaps com.exemple.vaccinationcenter.entities;

proper jakente persistence.Column[]

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provide class User {

Generated Value(strategy = SenerationType.IDENTITY)

provide Class Value(s
```

com.example.vaccinationcenter.filter

```
🛂 UserAuthenticationFilter.java 🗡
           ng baseUnl=nequest.getScheme()+"://"+nequest.getServenName()+":"+nequest.getServenPont()+nequest.getContextPath();
```

com.example.vaccinationcenter.repository

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```

```
CitizenRepository.java

DuserRepository.java VaccinationCenterRepository.java

package com.example.vaccinationcenter.repository;

import com.example.vaccinationcenter.entities.User;

public interface UserRepository extends CrudRepository<User, Long> {

public User findByEmail(String email);
}
```

```
D CitizenRepository.java  UserRepository.java  VaccinationCenterRepository.java ×

1 package com.example.vaccinationcenter.repository;
2
3 import com.example.vaccinationcenter.entities.Citizen;
6
7 public interface VaccinationCenterRepository extends CrudRepository VaccinationCenter,Long> {
8 }
9
```

com.example.vaccinationcenter.services

com.example.vaccinationcenter.validators.antn

```
CitizenValidator.java 

LoginRequestValidator.java 

RegistrationRequestValidator.java 

VaccinationCenterValidator.java 

RegistrationRequestValidator.java 

VaccinationCenterValidator.java 

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com.example.vaccinationcenter.validators.impl

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/vaccination-center-app-main/src/main/webapp/WEB-INF/views/citizen_center.jsp

```
        ■ base.jsp
        ■ citizen_center.jsp ×
        ■ citizens.jsp
        ■ header.jsp
        ■ login.jsp
        ■ register.jsp
        ■ vaccination_center.jsp
        ■ view_citizen.jsp

     5 <title>Citizens</title>
   11 • <div class="container">
                  <%@ include file="header.jsp" %>
                             <h2>Citizen Form</h2>
                         <input type="hidden" id="citizenId">
<div class="form-group">
<label for="name">Name:</label>

                             </div
<div class="form-group">
<label for="count">Vaccination Count::/label>
<select class="form-control" id="vaccinationCount" required>
<option value="0">Nones/option>
<option value="1">1/option>
<option value="2">2 /option>
</select>

<pre

</select>
</div>
<div class="form-group">
<label for="status">Status:</label>

                                       <label class="form-control" id="vaccinationStatus" required>

      ■ base.jsp
      ■ *citizen_center.jsp ×
      ■ citizens.jsp
      ■ header.jsp
      ■ login.jsp
      ■ register.jsp
      ■ vaccination_center.jsp
      ■ view_citizen.jsp

                                 |label| class="form-control" id="vaccinationStatus" required>
</div>
  <u> 3</u>7
                             <option value="">Select Center</option>
                                           </select>
                                        <button type="submit" onclick="saveCitizen(event)" class="btn btn-primary">Submit</button>
```

```
Name
                        Action
 82 //body>
 84<del>9</del> (script)
        window.onload = function (event) {
          display("citizenView", "none");
          display("citizenDetails", "block");
          display("citizenEdit", "none");
          let id = document.getElementById("centerId").value;
          console.log(id);
          citizenListByUrl(getBaseUrl() + "/citizens/center/" + id, deleteCallback, 'centerCitizensTable');\\
        function deleteCallback(event) {
          citizenApi.delete(event.target.id, redirectCallback);
        function redirectCallback() {
          let id = document.getElementById("centerId").value;
          window.location.href = getBaseUrl() + "/citizens/center/" + value
102 </script>
```

/vaccination-center-app-main/src/main/webapp/WEB-INF/views/citizens.jsp

/vaccination-center-app-main/src/main/webapp/WEB-INF/views/header.jsp

```
Dase jsp  ** Critizen_center_isp  ** Critizen_sisp  ** header_isp  ** login_isp  ** bregister_isp  ** vaccination_center_isp  ** view_citizen_jsp  ** vaccination_center_isp  ** vaccination_center_isp  ** view_citizen_jsp  ** vaccination_center_isp  ** vaccination_cen
```

```
      ■ base.jsp
      ■ *citizen_center.jsp
      ■ *citizens.jsp
      ■ *header.jsp
      ■ login.jsp
      ■ register.jsp ×
      ■ vaccination_center.jsp
      ■ view_citizen.jsp

      1 <bodTY#E html>

         -title:Registration Page:/title>
-tilik rel:"stylesheat" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap min.css">
-seript sn="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap min.js">-/seript>
          <div class="container">
<h2>Registration Page</h2>
                                                                                                                       49 var data = {
50 name: name,
           "dem id-"registrationform">
- (dem id-"registrationform">
- (div class="form-group">
- (label for="name"Name: / (label)
- (input type="text" class="form-control" id="name" name="name" required>
                                                                                                                                 email: email,
                                                                                                                                    password: password
                                                                                                                                  fetch('/registrationform',{
                                                                                                                                     method: 'POST',
                                                                                                                                    headers: {
               <div id="messageList"></div>
Already have an account? <a href="/">Login</a>
                                                                                                                                    body: JSON.stringify(data)
          script>
function submitForm() {
                                                                                                                                  .then(response => response.json())
                                                                                                                                  .then(data => {
        var name = document.getElementById("name").value;
var email = document.getElementById("email").value;
var password = document.getElementById("password").value;
                                                                                                                       66
67
                                                                                                                                    if (data.success) {
                                                                                                                                      alert("Registration successful!");
                                                                                                                                       window.location.href = '/login';
                                                                                                                                           alert("Registration successful! Nanda_Kumar!");
                                                                                                                       75 ...
76
77
78 };
79 }
                                                                                                                                  .catch(error => {
                                                                                                                                   console.error("Error:", error);
                                                                                                                                    alert("An error occurred during registration.");
```

/vaccination-center-app-main/src/main/webapp/WEB-INF/views/vaccination_center.jsp

/vaccination-center-app-main/src/main/webapp/WEB-INF/views/view_citizen.jsp

```
<title>Citizens</title
     <option value="None">None</option>
           v id="citizenView">
«h2> View Citizen«/h2>
«h2> View Citizen"×/div
                                                                                               <option value="Mumbai">Mumbai</option>
                                                                                               <option value="Jaipur">Jaipur</option>
                                                                                              <option value="Bengaluru">Bengaluru</option>
                                                                                               <option value="Chennai">Chennai
                                                                                              <option value="Kolkata">Kolkata</option>
                                                                                              <option value="Visakhapatnam">Visakhapatnam</option>
<option value="Pune">Pune</option>
        let id = document.getElementById("citizenId").value;
console.log(id);
citizenApi.edit(id, _layoutOneCitizenView)
                                                                                              <option value="Bhubaneswar">Bhubaneswar</option>
                                                                                              <option value="New Delhi">New Delhi</option>
                                                                                              <option value="Noida">Noida</option
</pre>
                                                                                              <option value="Gurugram">Gurugram</option>
                                                                                               <option value="Chandigarh">Chandigarh</option>
                                                                                               <option value="Srinagar">Srinagar</option</pre>
                                                                                               <option value="Hyderabad">Hyderabad</option>
                                                                                  </div>
<button type="button" onclick="centerFormAdd(event)"
                                                                                         769
                                                                                    window.onload = function(event) {
                                                                                      display('centerForm', 'none');
                                                                                       vaccinationCenters();
```