**IMPLEMENT TO MANAGE COUNTRY:**

// File: model/Country.java

package com.example.library.model;

import javax.persistence.\*;

@Entity

public class Country {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

private String name;

private String code;

public Country() {}

public Country(String name, String code) {

this.name = name;

this.code = code;

}

public Long getId() { return id; }

public void setId(Long id) { this.id = id; }

public String getName() { return name; }

public void setName(String name) { this.name = name; }

public String getCode() { return code; }

public void setCode(String code) { this.code = code; }

}

// File: repository/CountryRepository.java

package com.example.library.repository;

import com.example.library.model.Country;

import org.springframework.data.jpa.repository.JpaRepository;

public interface CountryRepository extends JpaRepository<Country, Long> {}

// File: service/CountryService.java

package com.example.library.service;

import com.example.library.model.Country;

import com.example.library.repository.CountryRepository;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

import java.util.List;

@Service

public class CountryService {

@Autowired

private CountryRepository repository;

public Country addCountry(Country country) {

return repository.save(country);

}

public List<Country> getAllCountries() {

return repository.findAll();

}

public Country getCountryById(Long id) {

return repository.findById(id).orElse(null);

}

public void deleteCountry(Long id) {

repository.deleteById(id);

}

}

// File: controller/CountryController.java

package com.example.library.controller;

import com.example.library.model.Country;

import com.example.library.service.CountryService;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.web.bind.annotation.\*;

import java.util.List;

@RestController

@RequestMapping("/countries")

public class CountryController {

@Autowired

private CountryService service;

@PostMapping

public Country addCountry(@RequestBody Country country) {

return service.addCountry(country);

}

@GetMapping

public List<Country> getAllCountries() {

return service.getAllCountries();

}

@GetMapping("/{id}")

public Country getCountryById(@PathVariable Long id) {

return service.getCountryById(id);

}

@DeleteMapping("/{id}")

public void deleteCountry(@PathVariable Long id) {

service.deleteCountry(id);

}

}