package com.example.demo.service;

import com.example.demo.repository.PersonRepository;

import com.example.demo.api.model.CreateMusicianRequest;

import com.example.demo.repository.MusicianRepository;

import com.example.demo.entity.Band;

import com.example.demo.entity.Musician;

import com.example.demo.entity.Person;

import org.springframework.stereotype.Service;

import java.util.List;

import java.util.Optional;

@Service

public class MusicianService {

private final MusicianRepository musicianRepository;

private final PersonRepository personRepository;

public MusicianService(MusicianRepository musicianRepository, PersonRepository personRepository) {

this.musicianRepository = musicianRepository;

this.personRepository = personRepository;

}

public Musician createMusician(CreateMusicianRequest createMusicianRequest) {

return musicianRepository.save(mapToMusician(createMusicianRequest));

}

public Optional<Musician> getMusician(long id) {

return musicianRepository.findById(id);

}

private Musician mapToMusician(CreateMusicianRequest createRequest) {

Musician musician = new Musician();

Person person = new Person();

person.setFirstName(createRequest.firstName());

person.setLastName(createRequest.lastName());

person.setEmail(createRequest.email());

person.setAge(createRequest.age());

personRepository.save(person);

musician.setPerson(person);

return musician;

}

public List<Band> getBandsByMusicianId(long musicianId) {

return musicianRepository.findAllBandsByMusicianId(musicianId);

}

}