package com.example.demo.service;

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

import com.example.demo.entity.Band;

import com.example.demo.repository.BandRepository;

import com.example.demo.repository.MusicianRepository;

import jakarta.transaction.Transactional;

import org.springframework.stereotype.Service;

import java.util.List;

import java.util.Optional;

@Service

public class BandService {

private final BandRepository bandRepository;

private final MusicianRepository musicianRepository;

public BandService(BandRepository bandRepository, MusicianRepository musicianRepository) {

this.bandRepository = bandRepository;

this.musicianRepository = musicianRepository;

}

public boolean isHealthy() {

return bandRepository.count() >= 0;

}

public Band createBand(BandCreationRequest bandCreationRequest) {

return bandRepository.save(new Band(bandCreationRequest.bandName()));

}

public Optional<Band> getBand(final long id) {

return bandRepository.findById(id);

}

@Transactional

public Optional<Band> addMusiciansToBand(long bandId, List<Long> musicianIds) {

return bandRepository.findById(bandId)

.map(band -> {

band.setMusicians(musicianRepository.findAllById(musicianIds));

return bandRepository.save(band);

});

}

}