package com.example.UserManager.services;

import java.util.Optional;

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

import org.springframework.stereotype.Service;

import com.example.UserManager.entities.User;

import com.example.UserManager.exceptions.UserNotFoundException;

import com.example.UserManager.repositories.UserRepository;

@Service

public class UserService {

@Autowired

private UserRepository userRepository;

public Iterable<User> GetAllUsers()

{

return userRepository.findAll();

}

public User GetUserByName(String name) {

User foundUser = userRepository.findByName(name);

return foundUser;

}

public User GetUserById(int id) {

Optional<User> foundUser = userRepository.findById(id);

//TODO: we need to decide how to handle a "Not Found" condition

if (!foundUser.isPresent()) {

System.out.println("user does not exist");

throw new UserNotFoundException();

}

return(foundUser.get());

}

public void UpdateUser(User usertoUpdate) {

userRepository.save(usertoUpdate);

}

}