package com.simplilearn.capstone2.service;

import java.util.HashSet;

import java.util.Set;

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

import org.springframework.security.crypto.password.PasswordEncoder;

import org.springframework.stereotype.Service;

import com.simplilearn.capstone2.dao.RoleDao;

import com.simplilearn.capstone2.dao.UserDao;

import com.simplilearn.capstone2.entity.Role;

import com.simplilearn.capstone2.entity.User;

@Service

public class UserService {

@Autowired //(required=true)

private UserDao userdao;

@Autowired //(required=true)

private RoleDao roledao;

@Autowired

private PasswordEncoder passwordEncoder;

public User RegisterNewUser(User user) {

Role role = roledao.findById("User").get();

Set<Role> roles = new HashSet<>();

roles.add(role);

user.setRole(roles);

user.setUserpassword(getEncodedPassword(user.getUserpassword()));

return userdao.save(user);

}

public void initRolesAndUser() {

Role adminRole = new Role();

adminRole.setRoleName("Admin");

adminRole.setRoleDescription("Administrative role for the website");

roledao.save(adminRole);

Role userRole = new Role();

userRole.setRoleName("User");

userRole.setRoleDescription("Default role for newly created user");

roledao.save(userRole);

User adminUser = new User();

adminUser.setFullName("admin");

adminUser.setUserName("admin123");

adminUser.setUserpassword(getEncodedPassword("pwd@123"));

Set<Role> adminRoles = new HashSet<>();

adminRoles.add(adminRole);

adminUser.setRole(adminRoles);

userdao.save(adminUser);

// User user = new User();

// user.setFullName("Raj Sharma");

// user.setUserName("raj123");

// user.setUserpassword(getEncodedPassword("raj@123"));;

// Set<Role> userRoles = new HashSet<>();

// userRoles.add(userRole);

// user.setRole(userRoles);

// userdao.save(user);

}

public String getEncodedPassword(String password) {

return passwordEncoder.encode(password);

}

}

/\*

\* adminUser.setUserpassword("pwd@123");

\* This has to store encrypted password\*/