ProductService.java:-

package com.simplilearn.kitchenStoryFoods.service;

import com.simplilearn.kitchenStoryFoods.models.Products;

import com.simplilearn.kitchenStoryFoods.repository.ProductsRepository;

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

import org.springframework.stereotype.Service;

import java.util.List;

@Service

public class ProductService {

@Autowired

ProductsRepository productsRepository;

public void saveProduct(Products products) {

productsRepository.save(products);

}

public List<Products> getAllProducts() {

return productsRepository.findAll();

}

public List<Products> getSortedHighToLow() {

return productsRepository.findAllProductsOrderedByPriceHighToLow();

}

public List<Products> getSortedLowToHigh() {

return productsRepository.findAllProductsOrderedByPriceLowToHigh();

}

public Products findProductById(Long id) {

return productsRepository.findById(id).orElse(new Products());

}

}

PurchaseService.java:-

package com.simplilearn.kitchenStoryFoods.service;

import com.simplilearn.kitchenStoryFoods.models.Purchase;

import com.simplilearn.kitchenStoryFoods.repository.PurchaseRepository;

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

import org.springframework.stereotype.Service;

import java.util.List;

@Service

public class PurchaseService {

@Autowired

PurchaseRepository purchaseRepository;

public List<Purchase> getPurchaseData(){

return purchaseRepository.findAll();

}

public List<Purchase> getPurchaseDataSortedWithName(){

return purchaseRepository.findAllOrderByName();

}

public List<Purchase> getPurchaseDataSortedWithPrice(){

return purchaseRepository.findAllOrderByPrice();

}

public void savePurchaseData(Purchase purchase){

purchaseRepository.save(purchase);

}

}

UserService.java:-

package com.simplilearn.kitchenStoryFoods.service;

import com.simplilearn.kitchenStoryFoods.models.Users;

import com.simplilearn.kitchenStoryFoods.repository.UserRepository;

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

import org.springframework.stereotype.Service;

import java.util.List;

@Service

public class UserService {

@Autowired

UserRepository userRepository;

public List<Users> getAllUsers(){

return userRepository.findAll();

}

public void saveUser(Users user) {

userRepository.save(user);

}

public Users getUserDetailByEmail(String email) {

return userRepository.getByEmail(email);

}

public List<Users> findAllUsersOrderByName() {

return userRepository.findUsersOrderByName();

}

public Users findUserById(int userId) {

return userRepository.findById(userId).orElse(new Users());

}

}