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package com.sprotyshoes.controller;

import java.util.ArrayList;
import java.util.Arrays;
import java.util.List;

import org.hibernate.engine.jdbc.env.spi.AnsiSqlKeywords;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.data.domain.Sort;
import org.springframework.data.repository.query.Param;
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.ModelAttribute;
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.RequestBody;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;
import org.springframework.web.servlet.ModelAndView;

import com.sprotyshoes.model.Productcat;
import com.sprotyshoes.model.Userorder;
import com.sprotyshoes.model.Userreg;
import com.sprotyshoes.repository.Orderrepository;
import com.sprotyshoes.repository.Productrepository;
import com.sprotyshoes.repository.Userrepository;

@RestController
public class UserController {

    @Autowired
    private Userrepository userrep;

    @Autowired
    private Orderrepository orderrep;

    @Autowired
    private Productrepository prodrep;

    //Product categorization
    @GetMapping("/productcat")
    public ModelAndView productcat() {
        ModelAndView mav=new ModelAndView("productcat");
        Productcat prodcat=new Productcat();
        mav.addObject("productcat", prodcat);
        return mav;
    }
}

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//saving of categorized product by Admin
@PostMapping("/category")
public String catassign(@ModelAttribute ("productcat") Productcat
productcat) {
    prodrep.save(productcat);
    return "Product Categorized successfully";
}

//Admin view of registered users
@GetMapping("/userdisplay" )
public ModelAndView showusers() {
    ModelAndView mav=new ModelAndView("userdisplay");
    List<Userreg> list= (List<Userreg>) userrep.findAll();
    mav.addObject("userreg", list);
    return mav;
}

//search by user by Admin
@GetMapping("/search")
public ModelAndView findusers(String keyword) {
    ModelAndView find=new ModelAndView("find");
    List<Userreg> list= userrep.findByKeyword(keyword);
    find.addObject("userreg", list);
    return find;
}

//New user registration form
@GetMapping("/newuser")
public ModelAndView newuser() {
    ModelAndView mav=new ModelAndView("newuser");
    Userreg user=new Userreg();
    mav.addObject("userreg", user);
    return mav;
}

//sign up by the new user
@PostMapping("/signup")
public String saveuser(@ModelAttribute ("userreg") Userreg userreg) {
    userrep.save(userreg);
    return "Successfully Registered";
}

//new order form
@GetMapping("/neworder")
public ModelAndView neworder() {
    ModelAndView mav=new ModelAndView("neworder");
    Userorder neworder=new Userorder();
    mav.addObject("userorder",neworder);
    return mav;
}

//Place an order by User
@PostMapping("/saveorder")

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        public String saveorder(@ModelAttribute ("userorder") Userorder
userorder) {
    orderrep.save(userorder);
        return "Product ordered successfully";
    }

    //view the user orders by Admin
    @GetMapping("/userorder" )
    public ModelAndView showorders() {
        ModelAndView mav=new ModelAndView("purreports");
        List<Userorder> list= orderrep.findAll();
        mav.addObject("userorder", list);
        return mav;
    }

    //Filter by Admin by Category/date
    @GetMapping("/filterby")
    public ModelAndView filter(String keyword) {
        ModelAndView filter=new ModelAndView("filter");
        List<Userorder> filter1= orderrep.findbykeyword(keyword);
        filter.addObject("userorder", filter1);
        return filter;
    }
}

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