package com.ecommerce.controller;

import org.apache.log4j.Logger;

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

import org.springframework.stereotype.Controller;

import org.springframework.ui.ModelMap;

import org.springframework.validation.BindingResult;

import org.springframework.web.bind.annotation.ModelAttribute;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import org.springframework.web.bind.annotation.RequestParam;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

import com.ecommerce.entity.EProduct;

import com.ecommerce.dao.EProductDAO;

@Controller

public class MainController {

           @Autowired

            EProductDAO eproductDAO;

           @RequestMapping(value = "/listProducts", method = RequestMethod.GET)

            public String listProducts(ModelMap *map*)

            {

                    List<EProduct> list= eproductDAO.getProducts();

                model.addAttribute("list",list);

                return "listProducts";

            }

           }

package com.ecommerce.dao;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.List;

import org.springframework.jdbc.core.BeanPropertyRowMapper;

import org.springframework.jdbc.core.JdbcTemplate;

import org.springframework.jdbc.core.RowMapper;

import com.ecommerce.entity.EProduct;

public class EProductDAO {

        JdbcTemplate template;

        public *void* setTemplate(JdbcTemplate *template*) {

            this.template = *template*;

        }

        public List<EProduct> getProducts(){

            return template.query("select \* from eproduct",new RowMapper<EProduct>(){

                public EProduct mapRow(ResultSet *rs*, *int* *row*) throws SQLException {

                        EProduct e=new EProduct();

                    e.setId(*rs*.getInt(1));

                    e.setName(*rs*.getString(2));

                    e.setPrice(*rs*.getBigDecimal(3));

                    e.setDateAdded(*rs*.getDate(4));

                    return e;

                }

            });

        }

}

package com.ecommerce.entity;

import java.math.BigDecimal;

import java.util.Date;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.Id;

import javax.persistence.Table;

public class EProductEntity {

        private *long* ID;

        private String name;

        private BigDecimal price;

        private Date dateAdded;

        public *long* getID() {return this.ID; }

        public String getName() { return this.name;}

        public BigDecimal getPrice() { return this.price;}

        public Date getDateAdded() { return this.dateAdded;}

        public *void* setID(*long* *id*) { this.ID = *id*;}

        public *void* setName(String *name*) { this.name = *name*;}

        public *void* setPrice(BigDecimal *price*) { this.price = *price*;}

        public *void* setDateAdded(Date *date*) { this.dateAdded = *date*;}

}

<html>

<body>

<h2>Spring Application</h2>

<a href="listProducts">List Products</a>

</body>

</html>

<%@ page language="java" contentType="text/html; charset=UTF-8"

    pageEncoding="UTF-8"%>

   <%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>

   <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>List Products</title>

</head>

<body>

 <c:forEach var="product" items="${list}">

   ${product.name}, ${product.price}, ${product.dateAdded}<br>

 </c:forEach>

</body>

</html>

<?xml  version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

    xmlns:aop="http://www.springframework.org/schema/aop"

    xmlns:context="http://www.springframework.org/schema/context"

    xmlns:jee="http://www.springframework.org/schema/jee"

    xmlns:lang="http://www.springframework.org/schema/lang"

    xmlns:p="http://www.springframework.org/schema/p"

    xmlns:tx="http://www.springframework.org/schema/tx"

    xmlns:util="http://www.springframework.org/schema/util"

    xsi:schemaLocation="http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans-2.5.xsd

http://www.springframework.org/schema/aop

http://www.springframework.org/schema/aop/spring-aop-2.5.xsd

http://www.springframework.org/schema/context

http://www.springframework.org/schema/context/spring-context-2.5.xsd

http://www.springframework.org/schema/tx

http://www.springframework.org/schema/tx/spring-tx-2.5.xsd">

    <context:annotation-config />

    <context:component-scan base-package="com.ecommerce.controller" />

    <bean id="jspViewResolver"

        class="org.springframework.web.servlet.view.InternalResourceViewResolver">

        <property name="viewClass"

            value="org.springframework.web.servlet.view.JstlView"></property>

        <property name="prefix" value="/WEB-INF/view/"></property>

        <property name="suffix" value=".jsp"></property>

    </bean>

    <bean id="messageSource"

        class="org.springframework.context.support.ReloadableResourceBundleMessageSource">

        <property name="basename" value="classpath:messages"></property>

        <property name="defaultEncoding" value="UTF-8"></property>

    </bean>

    <bean id="dataSource"

        class="org.apache.commons.dbcp.BasicDataSource" destroy-method="close"

        p:driverClassName="${jdbc.driverClassName}"

        p:url="${jdbc.databaseurl}" p:username="${jdbc.username}"

        p:password="${jdbc.password}"></bean>

    <bean id="ds" class="org.springframework.jdbc.datasource.DriverManagerDataSource">

                <property name="driverClassName" value="com.mysql.jdbc.Driver"></property>

                <property name="url" value="jdbc:mysql://localhost:3306/ecommerce"></property>

                <property name="username" value="root"></property>

                <property name="password" value="master"></property>

        </bean>

        <bean id="jt" class="org.springframework.jdbc.core.JdbcTemplate">

                <property name="dataSource" ref="ds"></property>

        </bean>

        <bean id="dao" class="com.ecommerce.dao.EProductDAO">

                <property name="template" ref="jt"></property>

        </bean>

    <tx:annotation-driven />

    <bean id="transactionManager"

        class="org.springframework.orm.hibernate3.HibernateTransactionManager">

        <property name="sessionFactory" ref="sessionFactory"></property>

    </bean>

</beans>

<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns="http://java.sun.com/xml/ns/javaee"

version="2.5"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://java.sun.com/xml/ns/javaee

http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd">

  <display-name>Archetype Created Web Application</display-name>

    <welcome-file-list>

        <welcome-file>/WEB-INF/view/index.jsp</welcome-file>

    </welcome-file-list>

    <servlet>

        <servlet-name>main</servlet-name>

        <servlet-class>

            org.springframework.web.servlet.DispatcherServlet

        </servlet-class>

        <load-on-startup>1</load-on-startup>

    </servlet>

    <servlet-mapping>

        <servlet-name>main</servlet-name>

        <url-pattern>/</url-pattern>

    </servlet-mapping>

    <context-param>

        <param-name>contextConfigLocation</param-name>

        <param-value>/WEB-INF/main-servlet.xml</param-value>

    </context-param>

    <listener>

        <listener-class>org.springframework.web.context.ContextLoaderListener</listener-class>

    </listener>

</web-app>

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4\_0\_0.xsd">

  <modelVersion>4.0.0</modelVersion>

  <groupId>com</groupId>

  <artifactId>SpringJDBC</artifactId>

  <packaging>war</packaging>

  <version>0.0.1-SNAPSHOT</version>

  <name>SpringJDBC Maven Webapp</name>

  <url>http://maven.apache.org</url>

  <dependencies>

    <dependency>

      <groupId>junit</groupId>

      <artifactId>junit</artifactId>

      <version>3.8.1</version>

      <scope>test</scope>

    </dependency>

  </dependencies>

  <build>

    <finalName>SpringJDBC</finalName>

  </build>

</project>