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**implement**

**Spring With**

**Security**

**Authentication**



source code

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***CommonController.java***



package com.mjava.controller;

import java.sql.Date; import java.util.List;

import javax.servlet.http.HttpServletRequest; import javax.servlet.http.HttpServletResponse;

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

import org.springframework.ui.ModelMap;

import org.springframework.web.bind.annotation.GetMapping; import org.springframework.web.bind.annotation.ModelAttribute; import org.springframework.web.bind.annotation.RequestMapping; import org.springframework.web.bind.annotation.RequestMethod; import org.springframework.web.bind.annotation.RequestParam;

import org.springframework.web.bind.annotation.SessionAttributes; import org.springframework.web.servlet.ModelAndView;

import com.mjava.model.OrderedShoeModel; import com.mjava.model.ShoesDataModel; import com.mjava.model.UserInfoModel; import com.mjava.service.OrdersService; import com.mjava.service.ShoesService; import com.mjava.service.UsersService;

public String homeForm() { return "index";

}

@Autowired

private ShoesService shoeservice;

@Autowired



private OrdersService orderservice; @Autowired

private UsersService userservice;

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

public String menShoesForm(ModelMap model) {

List<ShoesDataModel> mensData = shoeservice.getMensShoeData(); model.put("menshoeData", mensData);

return "menShoesForm";

}

@RequestMapping(value = "/womenshoes", method = RequestMethod.GET) public String womenMethod(ModelMap model) {

List<ShoesDataModel> womensData = shoeservice.getWomensShoeData();

model.put("womenshoeData", womensData);

return "womenShoesForm";

}

@RequestMapping("/kidshoes")

public String kidMethod(ModelMap model) {

List<ShoesDataModel> kidsData = shoeservice.getKidsShoeData(); model.put("kidshoeData", kidsData);

return "kidsShoesForm";

}

@RequestMapping(value = "/signin", method = RequestMethod.GET) public String signinMethod() {

return "signinForm";



}

@RequestMapping(value = "/signup", method = RequestMethod.GET) public String sigUpMethod() {

return "signUpForm";

}

@RequestMapping("/selectedShoe")

public String selectedShoeInfotMethod(ModelMap model, @RequestParam int id) {

try {

ShoesDataModel selectedShoesData = shoeservice.getshoesDataByIdService(id);

model.put("selectedShoesData", selectedShoesData); return "selectedShoeInfoForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.selectedShoeInfotMethod(HttpSer vletRequest, HttpServletResponse) "

+ e.getMessage()); return "selectedShoeInfoForm";

}

}

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

public String orderInforMethod(ModelMap model, @RequestParam int id, @RequestParam String name,



@RequestParam int categeory, @RequestParam double price, @RequestParam String imglink,

@RequestParam int quantity) { try {

OrderedShoeModel orderedshoemodel = new OrderedShoeModel();

double totalPrice = price \* quantity;

orderedshoemodel.setShoeid(id); orderedshoemodel.setName(name); orderedshoemodel.setCategeory(categeory); orderedshoemodel.setPrice(price); orderedshoemodel.setImagelink(imglink); orderedshoemodel.setQuantity(quantity); orderedshoemodel.setTotalprice(totalPrice);

model.put("orderedshoemodel", orderedshoemodel); return "bookShoeForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.orderInforMethod(HttpServletReq uest, HttpServletResponse) "

+ e.getMessage()); return "bookShoeForm";

}

}



@GetMapping("/bookandpaymentreturntoHome")

public String bookAndPaymentreturntoHomeMethod(ModelMap model, @RequestParam(name = "id") int shoeid,

@RequestParam String name, @RequestParam int categeory, @RequestParam double price,

@RequestParam String imglink, @RequestParam int quantity, @RequestParam double totalprice) {

try {

long millis = System.currentTimeMillis(); Date date = new java.sql.Date(millis);

orderservice.insertBookingInfoService(shoeid, name, categeory, price, imglink, quantity, totalprice, date);

return "orderplaceForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.bookAndPaymentreturntoHomeMetho d(HttpServletRequest, HttpServletResponse) "

+ e.getMessage()); return "orderplaceForm";

}

}

@GetMapping("/adminsignin")

public String adminSigninMethod(ModelMap model, @RequestParam String username, @RequestParam String password) {

int rollid = 0; try {

UserInfoModel userInfoModel = userservice.isValidAdminUserService(username, password);



if (userInfoModel == null) { model.put("errorMessage", "Invalid Credentials"); return "signinForm";

}

rollid = userInfoModel.getRollid();

if (rollid == 1) { List<ShoesDataModel> mensData =

shoeservice.getMensShoeData();

model.put("men\_women\_kids\_ShoeDataname", mensData); model.put("username", username.toUpperCase()); model.put("password", password);

return "adminForm";

} else if (rollid == 2) { model.put("username", username); model.put("password", password); return "index";

} else if (rollid == 0) {

model.put("errorMessage", "Invalid Credentials"); return "signinForm";

}

model.put("errorMessage", "Invalid Credentials"); return "signinForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.signinMethod(HttpServletRequest



, HttpServletResponse) "

+ e.getMessage()); model.put("errorMessage", "Exception check Log File"); return "signinForm";

}

}

@GetMapping("/getcompletemenshoesforAdmin")

public String getcompletemenshoesforAdmin(ModelMap model) { try {

List<ShoesDataModel> mensData = shoeservice.getMensShoeData();

model.put("men\_women\_kids\_ShoeDataname", mensData); return "adminForm";

} catch (Exception e) {

System.out.println("Exception at com.mjava.controllers.CommonController.getcompletemenshoesforAdmin() "

+ e.getMessage()); return "adminForm";

}

}

@GetMapping("/getcompletewomenshoesforAdmin")

public String getcompletewomenshoesforAdmin(ModelMap model) { try {

List<ShoesDataModel> womensData = shoeservice.getWomensShoeData();

model.put("men\_women\_kids\_ShoeDataname", womensData);

return "adminForm";

} catch (Exception e) {

System.out.println("Exception at com.mjava.controllers.CommonController.getcompletewomenshoesforAdmin() "



+ e.getMessage()); return "adminForm";

}

}

@GetMapping("/getcompletekidshoesforAdmin")

public String getcompletekidshoesforAdmin(ModelMap model) { try {

List<ShoesDataModel> kidsData = shoeservice.getKidsShoeData();

model.put("men\_women\_kids\_ShoeDataname", kidsData); return "adminForm";

} catch (Exception e) {

System.out.println("Exception at com.mjava.controllers.CommonController.getcompletekidshoesforAdmin() "

+ e.getMessage()); return "adminForm";

}

}

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

public String changeAdminPasswordForm() { return "changeAdminPasswordForm";

}

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

public String addNewProductForm() { return "addNewProductForm";

}

@GetMapping("/customersList")



public String customersListMethod(ModelMap model) { List<UserInfoModel> usersList = null;

try {

usersList = userservice.getUserDataService(); if (!usersList.isEmpty()) {

model.put("usersList", usersList);

} else {

System.out.println("No Users Found...");

}

return "customersListForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.customersListMethod(HttpServlet Request, HttpServletResponse) "

+ e.getMessage()); return "customersListForm";

}

}

@GetMapping("/reports")

public String reportsMethod(ModelMap model) { List<OrderedShoeModel> orderedShoeList = null; try {

orderedShoeList = orderservice.getCompleteTransactionsDataService();

if (orderedShoeList != null) { double totalSales = 0;

for (OrderedShoeModel osl : orderedShoeList) { totalSales = totalSales + osl.getTotalprice();

}

model.put("orderedShoeList", orderedShoeList); model.put("totalSales", totalSales);



}

return "reportsForm";

} catch (Exception e) {

System.out.println("Exception at com.mjava.controllers.CommonController.reportsMethod() " + e.getMessage());

return "reportsForm";

}

}

@GetMapping("/changeadminPassword")

public String changeadminPasswordMethod(ModelMap model, @RequestParam String currentpassword,

@RequestParam String newpassword, @RequestParam String confirmpassword) {

UserInfoModel userInfoModel = null; boolean isCoreectPassword = false; try {

userInfoModel = userservice.isCorrectPassword\_or\_NotService(currentpassword);

if (userInfoModel.getRollid() != 0) { boolean isUpdatedAdminPassword =

userservice.updateAdminPasswordService(userInfoModel, currentpassword,

newpassword, confirmpassword); if (isUpdatedAdminPassword == true) {

System.out.println("Password Updated"); return "signinForm";

} else {

System.out.println("Password Not Updated");

}

}



else {

System.out.println("No Data Found");

}

return "changeAdminPasswordForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.changeadminPasswordMethod(HttpS ervletRequest, HttpServletResponse) "

+ e.getMessage()); return "changeAdminPasswordForm";

}

}

@GetMapping("/requiredreports")

public String requiredReportsMethod(ModelMap model, @RequestParam String categeory, @RequestParam String date) {

List<OrderedShoeModel> orderedShoeList = null; try {

int categeoryId = 0;

String categeoryName = categeory; if (categeoryName.equals("mens"))

categeoryId = 1;

else if (categeoryName.equals("womens")) categeoryId = 2;

else if (categeoryName.equals("kids")) categeoryId = 3;

String jspdate = date;

Date sqldate = Date.valueOf(jspdate); if (categeoryId != 0) {

orderedShoeList = orderservice.getRequiredCompleteTransactionsDataService(categeoryId, sqldate);



if (orderedShoeList != null) { double totalSales = 0;

for (OrderedShoeModel osl : orderedShoeList) { totalSales = totalSales + osl.getTotalprice();

}

model.put("orderedShoeList", orderedShoeList); model.put("totalSales", totalSales);

return "reportsForm";

}

}

return "reportsForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.requiredReportsMethod() " + e.getMessage());

return "reportsForm";

}

}

@RequestMapping("/addnewproduct")

public String addNewProductMethod(ModelMap model, @RequestParam String weartype, @RequestParam String prod\_name,

@RequestParam double prod\_price, @RequestParam String

prod\_img) {

ModelAndView mv = null; try {

int categeroy = 0;

if (weartype.equals("Mens\_Wear")) {

categeroy = 1;

} else if (weartype.equals("Womens\_Wear")) { categeroy = 2;

} else if (weartype.equals("Kids\_Wear")) { categeroy = 3;

}

boolean isInsertedNewProduct = false; isInsertedNewProduct =

shoeservice.insertNewProductService(categeroy, prod\_price, prod\_name, prod\_img);

if (isInsertedNewProduct == true) { if (categeroy == 1) {

List<ShoesDataModel> mensData = shoeservice.getMensShoeData();

model.put("men\_women\_kids\_ShoeDataname",

mensData);

return "adminForm";

}

if (categeroy == 2) { List<ShoesDataModel> womensData =

shoeservice.getWomensShoeData();

womensData);

model.put("men\_women\_kids\_ShoeDataname",

return "adminForm";

}

if (categeroy == 3) { List<ShoesDataModel> kidsData =



shoeservice.getKidsShoeData();

kidsData);

model.put("men\_women\_kids\_ShoeDataname",

return "adminForm";

}



} else {

System.out.println("Product Not Added");

}

return "adminForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.addNewProducttMethod(HttpServle tRequest, HttpServletResponse) "

+ e.getMessage()); return "adminForm";

}

}

@GetMapping("/signupnewuser")

public String sigUpNewUserMethod(ModelMap model, @RequestParam String firstname, @RequestParam String lastname,

@RequestParam String password, @RequestParam String confirmpassword, @RequestParam String roll,

@RequestParam Long mobileno, @RequestParam String email) { ModelAndView mv = null;

boolean isInserted = false; try {

int rollid = 0;

if (roll.equals("admin")) { rollid = 1;

} else {



rollid = 2;

}

isInserted = true; userservice.insertUserDataService(firstname, lastname,

password, confirmpassword, rollid, mobileno, email); if (isInserted == true) {

return "signinForm";

}

if (isInserted == false) {

return "testErrorForm";

}

return "testErrorForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.sigUpNewUserMethod(HttpServletR equest, HttpServletResponse) "

+ e.getMessage()); return "testErrorForm";

}

}

@GetMapping("/deleteProduct")

public String deleteProductMethod(ModelMap model, @RequestParam int id) {

boolean isdeleted = false;

List<ShoesDataModel> shoesDatalist = null; ShoesDataModel findwhichCategeory = null; try {



findwhichCategeory = shoeservice.getshoesDataByIdService(id);

int categeory = findwhichCategeory.getCategeory(); isdeleted = shoeservice.deleteProductwithIdService(id); if (isdeleted == true) {

shoesDatalist = shoeservice.getShoeDatabyCategeory(categeory);

model.put("men\_women\_kids\_ShoeDataname",

shoesDatalist);

}

return "adminForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.deleteProductMethod() " + e.getMessage());

return "adminForm";

}

}

@GetMapping("/updateProduct")

public String updateProductMethod(ModelMap model, @RequestParam int id) {

boolean isupdated = false; ShoesDataModel shoesData = null;

// ShoesDataModel findwhichCategeory = null; try {

shoesData = shoeservice.getshoesDataByIdService(id); if (shoesData.getId() > 0) {

model.put("men\_women\_kids\_ShoeDataname", shoesData); return "updateProductForm";



}

return "adminForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.deleteProductMethod() " + e.getMessage());

return "adminForm";

}

}

@GetMapping("/updatetoNewproduct")

public String updateProductMethod(ModelMap model, @RequestParam String weartype, @RequestParam String prod\_name,

@RequestParam double prod\_price, @RequestParam String prod\_img, @RequestParam int prod\_id) {

boolean isupdated = false; ShoesDataModel shoesData = null;

List<ShoesDataModel> shoesDataList = null; try {

int categeory = 0;

if (weartype.equals("Mens\_Wear")) { categeory = 1;

} else if (weartype.equals("Womens\_Wear")) { categeory = 2;

} else if (weartype.equals("Kids\_Wear")) { categeory = 3;

}



isupdated = shoeservice.updateShoeProductService(categeory, prod\_price, prod\_name, prod\_img, prod\_id);

if (isupdated == true) { shoesDataList =

shoeservice.getShoeDatabyCategeory(categeory);

model.put("men\_women\_kids\_ShoeDataname",

shoesDataList);

}

return "adminForm";

} catch (Exception e) { System.out.println(

"Exception at com.mjava.controllers.CommonController.deleteProductMethod() " + e.getMessage());

return "adminForm";

}

}

}

# Ordersdao.java

package com.mjava.dao; import java.sql.Date; import java.util.List;

import org.springframework.data.jpa.repository.Query;

import org.springframework.data.repository.CrudRepository; import org.springframework.stereotype.Repository;



import com.mjava.model.OrderedShoeModel; @Repository

public interface OrdersDao extends CrudRepository<OrderedShoeModel, Integer>{

@Query("from OrderedShoeModel where categeory=:categeoryId and date=:date")

public List<OrderedShoeModel> getRequiredCompleteTransactionsData(int categeoryId,Date date);

}

Shoesdao.java

package com.mjava.dao;

import org.springframework.data.jpa.repository.Modifying; import org.springframework.data.jpa.repository.Query; import org.springframework.data.repository.CrudRepository; import org.springframework.data.repository.query.Param; import org.springframework.stereotype.Repository;

import org.springframework.transaction.annotation.Transactional; import com.mjava.model.ShoesDataModel;

import antlr.collections.List; @Repository

public interface ShoesDao extends CrudRepository<ShoesDataModel, Integer> {

@Query("from ShoesDataModel where categeory=:categeory") public Iterable<ShoesDataModel> findByCategory(int

categeory);



@Query("from ShoesDataModel where id=:seletedShoeId")

public

seletedShoeId);

@Modifying

ShoesDataModel

getshoesDataById(int

@Transactional

@Query("delete from ShoesDataModel where id=:id") public int deleteProductwithId(@Param("id") int id);

@Modifying @Transactional

@Query("update ShoesDataModel set categeory=:categeory, price=:price, name=:name, imagelink=:imagelink where id=:id")

public int updateShoeProduct(@Param("categeory") int categeory, @Param("price") double price,

@Param("name") String name, @Param("imagelink")

String imagelink,

@Param("id") int id);

}

# UsersDao.java

package com.mjava.dao;

import org.springframework.data.jpa.repository.Modifying; import org.springframework.data.jpa.repository.Query; import org.springframework.data.repository.CrudRepository; import org.springframework.data.repository.query.Param; import org.springframework.stereotype.Repository;

import org.springframework.transaction.annotation.Transactional; import com.mjava.model.UserInfoModel;

@Repository



public interface UsersDao extends

CrudRepository<UserInfoModel, Integer> {

@Query("from UserInfoModel where firstname=:username and password=:password")

public UserInfoModel isValidAdminUser(String username,String password );

@Query("from UserInfoModel where rollid=:rollid") public Iterable<UserInfoModel>

getUserDatabyRollid(int rollid);

@Query("from UserInfoModel where password=:password") public UserInfoModel

isCorrectPassword\_or\_Not(String password);

@Modifying

@Transactional @Query("update UserInfoModel

set password =

:password where rollid=1 and firstname=:username")

public int updateAdminPassword(@Param("password") String password, @Param("username") String username);

}

GlobalExceptionHandler.java

package com.mjava.exception; import

org.springframework.web.bind.annotation.ControllerAdvice;



import org.springframework.web.bind.annotation.ExceptionHandler; @ControllerAdvice

public class GlobalExceptionHandeler { @ExceptionHandler(value=Exception.class) public String handleAnyException()

{

return "Error";

}

}

# OrderedShoeModel.java

package com.mjava.model; import java.sql.Date;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue; import javax.persistence.Id;

import javax.persistence.Table; @Entity

@Table(name = "tbl\_orderinfo") public class OrderedShoeModel {

@Id @GeneratedValue

private int orderid; private int shoeid ; private int categeory; private double price; private int quantity ;

private Date date;



private String name; private String imagelink; private double totalprice ; public int getQuantity() {

return quantity;

}

public void setQuantity(int quantity) { this.quantity = quantity;

}

public int getOrderid() { return orderid;

}

public void setOrderid(int orderid) { this.orderid = orderid;

}

public int getShoeid() { return shoeid;

}

public void setShoeid(int shoeid) { this.shoeid = shoeid;

}

public int getCategeory() { return categeory;

}

public void setCategeory(int categeory) { this.categeory = categeory;

}

public double getPrice() { return price;

}

public void setPrice(double price) { this.price = price;



}

public String getName() { return name;

}

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

}

public String getImagelink() { return imagelink;

}

public void setImagelink(String imagelink) { this.imagelink = imagelink;

}

public double getTotalprice() { return totalprice;

}

public void setTotalprice(double totalprice) { this.totalprice = totalprice;

}

public Date getDate() { return date;

}

public void setDate(Date date) { this.date = date;

}

@Override

public String toString() {



return "OrderedShoeModel [orderid=" + orderid + ", shoeid=" + shoeid + ", categeory=" + categeory + ", price="

+ price + ", quantity=" + quantity + ", date=" + date

+ ", name=" + name + ", imagelink=" + imagelink

+ ", totalprice=" + totalprice + "]";

}

public OrderedShoeModel() { super();

// TODO Auto-generated constructor stub

}

public OrderedShoeModel(int shoeid, int categeory, double price, int quantity, Date date, String name,

String imagelink, double totalprice) { super();

this.shoeid = shoeid; this.categeory = categeory; this.price = price; this.quantity = quantity; this.date = date;

this.name = name; this.imagelink = imagelink; this.totalprice = totalprice;

}

}

# ShoesDataModel.java

package com.mjava.model;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue; import javax.persistence.Id;

import javax.persistence.Table; @Entity



@Table(name = "tbl\_shoesinfo") public class ShoesDataModel {

@Id @GeneratedValue private int id;

private int categeory; private double price; private String name; private String imagelink; public int getId() {

return id;

}

public void setId(int id) { this.id = id;

}

public int getCategeory() { return categeory;

}

public void setCategeory(int categeory) { this.categeory = categeory;

}

public double getPrice() { return price;

}

public void setPrice(double price) { this.price = price;

}

public String getName() { return name;

}



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

}

public String getImagelink() { return imagelink;

}

public void setImagelink(String imagelink) { this.imagelink = imagelink;

}

@Override

public String toString() {

return "ShoesDataModel [categeory=" + categeory + ", price=" + price + ", name=" + name + ", imagelink="

+ imagelink + "]";

}

public ShoesDataModel(int categeory, double price, String name, String imagelink) {

super();

this.categeory = categeory; this.price = price; this.name = name; this.imagelink = imagelink;

}

public ShoesDataModel() { super();

// TODO Auto-generated constructor stub

}

}

# UserInfoModel.java



package com.mjava.model;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue; import javax.persistence.Id;

import javax.persistence.Table; @Entity @Table(name="tbl\_userinfo") public class UserInfoModel {

@Id @GeneratedValue private int id;

private String firstname; private String lastname; private String password; private int rollid; private long phno; private String email; public int getId() {

return id;

}

public void setId(int id) { this.id = id;

}

public String getFirstname() { return firstname;

}

public void setFirstname(String firstname) { this.firstname = firstname;

}

public String getLastname() {

return lastname;



}

public void setLastname(String lastname) { this.lastname = lastname;

}

public String getPassword() { return password;

}

public void setPassword(String password) { this.password = password;

}

public int getRollid() { return rollid;

}

public void setRollid(int rollid) { this.rollid = rollid;

}

public long getPhno() { return phno;

}

public void setPhno(long phno) { this.phno = phno;

}

public String getEmail() { return email;

}

public void setEmail(String email) { this.email = email;

}

@Override

public String toString() {



return "UserInoModel [firstname=" + firstname + ", lastname="

+ lastname + ", password=" + password

+ ", rollid=" + rollid + ", phno=" + phno + ", email="

+ email + "]";

}

public UserInfoModel() { super();

// TODO Auto-generated constructor stub

}

public UserInfoModel(String firstname, String lastname, String password, int rollid, long phno, String email) {

super();

this.firstname = firstname; this.lastname = lastname; this.password = password; this.rollid = rollid; this.phno = phno; this.email = email;

}

}

# ShoesService.java

package com.mjava.service; import java.sql.Date; import java.util.List;

import org.springframework.beans.factory.annotation.Autowired; import org.springframework.data.jpa.repository.Query;

import org.springframework.data.repository.query.Param;

import org.springframework.stereotype.Service;

import com.mjava.dao.OrdersDao; import com.mjava.dao.ShoesDao; import com.mjava.dao.UsersDao;



import com.mjava.model.OrderedShoeModel; import com.mjava.model.ShoesDataModel; import com.mjava.model.UserInfoModel; @Service

public class ShoesService { @Autowired

private ShoesDao shoesDao; @Autowired

private OrdersDao orderDao; @Autowired

private UsersDao userDao;

public List<ShoesDataModel> getMensShoeData() { List<ShoesDataModel> mensData=

(List)shoesDao.findByCategory(1);

System.out.println(mensData); return mensData;

}

public List<ShoesDataModel> getWomensShoeData() { List<ShoesDataModel> womensData=

(List)shoesDao.findByCategory(2);

System.out.println(womensData); return womensData;

}

public List<ShoesDataModel> getKidsShoeData() { List<ShoesDataModel> kidsData= (List)shoesDao.findByCategory(3)

return kidsData;

}

public List<ShoesDataModel> getShoeDatabyCategeory(int categeoryid) {

List<ShoesDataModel> shoesDatabyCategeory= (List)shoesDao.findByCategory(categeoryid);



return shoesDatabyCategeory;

}

public ShoesDataModel getshoesDataByIdService(int seletedShoeId)

{

ShoesDataModel selectedShoesData= shoesDao.getshoesDataById(seletedShoeId);

System.out.println(selectedShoesData); return selectedShoesData;

}

public boolean insertNewProductService(int categeory,double price,String name,String imagelink)

{ boolean isInsertedNewProduct = false; try { ShoesDataModel s=new

ShoesDataModel(categeory,price, name, imagelink); ShoesDataModel count= shoesDao.save(s); isInsertedNewProduct = true;

return isInsertedNewProduct;

} catch (Exception e) {

System.out.println("Exception at insertNewProductService(int categeory,double price,String name,String imagelink) " + e.getMessage());

return false;

}

}

public boolean deleteProductwithIdService(int id) { int count=0;

boolean isdeleted=false;

count= shoesDao.deleteProductwithId(id); if(count>0)



{

isdeleted=true;

}

return isdeleted;

}

public boolean price,

updateShoeProductService( int categeory,

double

String name, String imagelink,

int id) { int count=0;

boolean isUpdated=false;

count= shoesDao.updateShoeProduct(categeory, price, name, imagelink, id);

if(count>0)

{

isUpdated=true;

}

return isUpdated;

}

}

# SportyShoesOnlineApplication.java

package com.mjava.SportyShoesOnline;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication; import org.springframework.boot.autoconfigure.domain.EntityScan; import org.springframework.context.annotation.ComponentScan;

import

org.springframework.data.jpa.repository.config.EnableJpaRepositories;



import org.springframework.web.servlet.config.annotation.ResourceHandlerRegis try;

import org.springframework.web.servlet.config.annotation.WebMvcConfigurer; @SpringBootApplication

@ComponentScan("com.mjava") @EntityScan("com.mjava.model") @EnableJpaRepositories("com.mjava.dao") public class SportyShoesOnlineApplication {

public static void main(String[] args) { SpringApplication.run(SportyShoesOnlineApplication.class,

args);

}

}

Application.properties

logging.level.org.springframework.web: DEBUG spring.mvc.view.prefix=/WEB-INF/view/ spring.mvc.view.suffix=.jsp

server.port=8090 spring.jpa.hibernate.ddl-auto=update

spring.datasource.url=jdbc:mysql://localhost:3306/sportyshoes\_db spring.datasource.username=root

spring.datasource.password=root