**Sporty Shoes**

**Project Name: E-commerce Website for Sporty Shoes**

**Language Use:** Java

**Software Use:** Eclipse

**Developer Details:**

**Developer Name: Vinayak Khamkar.**

**Source Code:**

**Package Name:com.simplilearn.controller**

**Class Name: AdminController**

**package** com.simplilearn.controller;

**import** java.util.List;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpSession;

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

**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.RequestMapping;

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

**import** com.simplilearn.dao.OrderDAO;

**import** com.simplilearn.dao.ProductDAO;

**import** com.simplilearn.dao.UserDAO;

**import** com.simplilearn.entity.Order;

**import** com.simplilearn.entity.Product;

**import** com.simplilearn.entity.User;

@Controller

@RequestMapping("/admin")

**public** **class** AdminController {

@Autowired

**private** ProductDAO productDAO;

// inject

@Autowired

**private** UserDAO userDAO;

// inject

@Autowired

**private** OrderDAO orderDAO;

@GetMapping("/products")

**public** String products(Model theModel, HttpServletRequest request) {

HttpSession session = request.getSession(**true**);

User currentUser = (User) session.getAttribute("currentUser");

// get all products from DAO

List<Product> products = productDAO.getProducts();

// add the products to the model

theModel.addAttribute("currentUser", currentUser);

// add the products to the model

theModel.addAttribute("products", products);

**return** "mange-products";

}

@GetMapping("/deleteProduct")

**public** String deleteProduct(@RequestParam("productId") **int** productId, Model theModel) {

productDAO.deleteProduct(productId);

**return** "redirect:/admin/products";

}

@GetMapping("/deleteUser")

**public** String deleteUser(@RequestParam("userId") **int** userId, Model theModel) {

userDAO.deleteUser(userId);

**return** "redirect:/admin/manageUsers";

}

@GetMapping("/deleteOrder")

**public** String deleteOrder(@RequestParam("orderId") **int** ordereId, Model theModel) {

orderDAO.deleteOrder(ordereId);

**return** "redirect:/admin/manageOrders";

}

@GetMapping("/manageUsers")

**public** String manageUsers(Model theModel) {

// get all users from DAO

List<User> users = userDAO.getUsers();

// add the users to the model

theModel.addAttribute("users", users);

**return** "manageUsers";

}

@GetMapping("/manageOrders")

**public** String manageOrders(Model theModel) {

// get all users from DAO

List<Order> orders = orderDAO.getOrder();

**int** totalPrice = 0;

**for** (Order order : orders) {

totalPrice = totalPrice + order.getProduct().getPrice();

}

// add the users to the model

theModel.addAttribute("orders", orders);

// add the users to the model

theModel.addAttribute("totalPrice", totalPrice);

**return** "manageOrders";

}

@GetMapping("/addProdcut")

**public** String addProdcut() {

**return** "addproduct";

}

@PostMapping("/addProductProcess")

**public** String addProductProcess(HttpServletRequest request,

@RequestParam("name") String name,

@RequestParam("company") String company,

@RequestParam("size") **int** size,

@RequestParam("price") **int** price,

@RequestParam("image") String image

) {

Product product = **new** Product(name, company, size, price, image);

productDAO.saveProduct(product);

**return** "redirect:/admin/products";

}

@GetMapping("/updateProduct")

**public** String updateProduct(@RequestParam("productId") **int** productId , Model theModel) {

// get all products from DAO

Product product = productDAO.getProduct(productId);

// add the users to the model

theModel.addAttribute("product", product);

**return** "update-product";

}

@PostMapping("/updateProductProcess")

**public** String updateProductProcess(HttpServletRequest request,

@RequestParam("productId") **int** productId,

@RequestParam("name") String name,

@RequestParam("company") String company,

@RequestParam("size") **int** size,

@RequestParam("price") **int** price,

@RequestParam("image") String image

) {

Product product = productDAO.getProduct(productId);

product.setCompany(company);

product.setSize(size);

product.setName(name);

product.setPrice(price);

product.setImage\_link(image);

productDAO.saveProduct(product);

**return** "redirect:/admin/products";

}

}

**Class Name:** **HomePageController**

**package** com.simplilearn.controller;

**import** java.util.ArrayList;

**import** java.util.List;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

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

**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.RequestMapping;

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

**import** com.simplilearn.dao.OrderDAO;

**import** com.simplilearn.dao.ProductDAO;

**import** com.simplilearn.entity.Order;

**import** com.simplilearn.entity.Product;

**import** com.simplilearn.entity.User;

@Controller

@RequestMapping("/homepage")

**public** **class** HomePageController {

// need to inject

@Autowired

**private** ProductDAO productDAO;

@Autowired

**private** OrderDAO orderDAO;

@GetMapping("/products")

**public** String products(Model theModel, HttpServletRequest request) {

HttpSession session = request.getSession(**true**);

User currentUser = (User) session.getAttribute("currentUser");

// get all products from DAO

List<Product> products = productDAO.getProducts();

List<Order> userOrders = orderDAO.getUserOrders(currentUser.getId());

List<Integer> userProducts = **new** ArrayList<Integer>();

**for** (Order order : userOrders) {

userProducts.add(order.getProduct().getId());

}

// add the products to the model

theModel.addAttribute("products", products);

theModel.addAttribute("userProducts", userProducts);

theModel.addAttribute("currentUser", currentUser);

**return** "user-home";

}

@GetMapping("/orderProcess")

**public** String orderProcess(Model theModel,@RequestParam("productId") **int** productId, HttpServletRequest request) {

HttpSession session = request.getSession(**true**);

User currentUser = (User) session.getAttribute("currentUser");

Product product = productDAO.getProduct(productId);

Order order = **new** Order(currentUser, product);

orderDAO.saveOrder(order);

theModel.addAttribute("currentUser", currentUser);

**return** "redirect:/homepage/products";

}

@GetMapping("/mycart")

**public** String showMyCart(Model theModel, HttpServletRequest request) {

HttpSession session = request.getSession(**true**);

User currentUser = (User) session.getAttribute("currentUser");

// get all products from DAO

List<Order> userOrders = orderDAO.getUserOrders(currentUser.getId());

List<Product> userProducts = **new** ArrayList<Product>();

**for** (Order order : userOrders) {

userProducts.add(order.getProduct());

}

**int** total\_price = 0;

**for** (Product product : userProducts) {

total\_price = total\_price + product.getPrice();

}

theModel.addAttribute("userProducts", userProducts);

theModel.addAttribute("total\_price", total\_price);

theModel.addAttribute("currentUser", currentUser);

**return** "mycart";

}

@PostMapping("/searchProducts")

**public** String searchProducts(HttpServletRequest request, Model theModel, @RequestParam("keySearch") String key) {

HttpSession session = request.getSession(**true**);

User currentUser = (User) session.getAttribute("currentUser");

System.***out***.println(key);

// get all products from DAO

List<Product> products = productDAO.searchProducts(key);

**if** (currentUser.getType() == 0) {

// get all products from DAO

List<Order> userOrders = orderDAO.getUserOrders(currentUser.getId());

List<Integer> userProducts = **new** ArrayList<Integer>();

**for** (Order order : userOrders) {

userProducts.add(order.getProduct().getId());

}

theModel.addAttribute("userProducts", userProducts);

theModel.addAttribute("currentUser", currentUser);

}

// add the products to the model

theModel.addAttribute("products", products);

**if** (currentUser.getType() == 0) {

**return** "user-home";

}

**else** {

**return** "mange-products";

}

}

}

**Class Name:** **LoginController**

**package** com.simplilearn.controller;

**import** java.util.List;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpSession;

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

**import** org.springframework.stereotype.Controller;

**import** org.springframework.ui.Model;

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

**import** org.springframework.web.bind.annotation.PostMapping;

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

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

**import** com.simplilearn.dao.ProductDAO;

**import** com.simplilearn.dao.UserDAO;

**import** com.simplilearn.entity.Product;

**import** com.simplilearn.entity.User;

@Controller

**public** **class** LoginController {

// inject

@Autowired

**private** UserDAO userDAO;

@RequestMapping("/login")

**public** String login(Model theModel) {

**return** "login";

}

@RequestMapping("/register")

**public** String register(Model theModel) {

**return** "register";

}

@PostMapping("/loginProcess")

**public** String loginProcess(HttpServletRequest request, @RequestParam("username") String username,

@RequestParam("password") String password) {

HttpSession session = request.getSession(**true**);

// get all users from DAO

List<User> users = userDAO.getUsers();

**boolean** isusesr = **false**;

User tempUser = **null**;

**for** (User user : users) {

**if** (user.getUsername().equals(username) && user.getPassword().equals(password)) {

isusesr = **true**;

tempUser = user;

**break**;

}

}

**if** (isusesr && tempUser.getType() == 0) {

session.setAttribute("currentUser", tempUser);

**return** "redirect:/homepage/products";

}

**else** **if** (isusesr && tempUser.getType() == 1) {

session.setAttribute("currentUser", tempUser);

**return** "redirect:/admin/products";

}

**else**

**return** "login";

}

@PostMapping("/registerProcess")

**public** String registerProcess(@RequestParam("username") String username,

@RequestParam("age") String age,

@RequestParam("password") String password) {

User user = **new** User(username, password, Integer.*parseInt*(age));

userDAO.saveUser(user);

**return** "login";

}

}

**Class Name:** **UserController**

**package** com.simplilearn.controller;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpSession;

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

**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.RequestMapping;

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

**import** com.simplilearn.dao.ProductDAO;

**import** com.simplilearn.dao.UserDAO;

**import** com.simplilearn.entity.Product;

**import** com.simplilearn.entity.User;

@Controller

@RequestMapping("/user")

**public** **class** UserController {

@Autowired

**private** ProductDAO productDAO;

// inject

@Autowired

**private** UserDAO userDAO;

@GetMapping("/myaccount")

**public** String myaccount(Model theModel, HttpServletRequest request) {

HttpSession session = request.getSession(**true**);

User currentUser = (User) session.getAttribute("currentUser");

// add the products to the model

theModel.addAttribute("currentUser", currentUser);

**return** "myaccount";

}

@PostMapping("/updateAcount")

**public** String updateAcount(HttpServletRequest request,

@RequestParam("username") String username,

@RequestParam("age") String age,

@RequestParam("password") String password , Model theModel

) {

HttpSession session = request.getSession(**true**);

User currentUser = (User) session.getAttribute("currentUser");

System.***out***.println(currentUser.toString());

currentUser.setUsername(username);

currentUser.setAge(Integer.*parseInt*(age));

currentUser.setPassword(password);

theModel.addAttribute("currentUser", currentUser);

userDAO.saveUser(currentUser);

**return** "myaccount";

}

}

**Package Name: com.simplilearn.dao;**

**Class Name:** **OrderDAO**

**package** com.simplilearn.dao;

**import** java.util.List;

**import** com.simplilearn.entity.Order;

**import** com.simplilearn.entity.Product;

**import** com.simplilearn.entity.User;

**public** **interface** OrderDAO {

**public** List<Order> getOrder();

**public** Order getOrder(**int** orderId);

**public** **void** saveOrder(Order order);

**public** **void** deleteOrder(**int** orderId);

**public** List<Order> getUserOrders(**int** userId);

}

**package** com.simplilearn.dao;

**import** java.util.List;

**import** org.hibernate.Session;

**import** org.hibernate.SessionFactory;

**import** org.hibernate.query.Query;

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

**import** org.springframework.stereotype.Repository;

**import** org.springframework.transaction.annotation.Transactional;

**import** com.simplilearn.entity.Order;

**import** com.simplilearn.entity.User;

@Repository

**public** **class** OrderDAOImpl **implements** OrderDAO {

// need to inject the session factory

@Autowired

**private** SessionFactory sessionFactory;

@Override

@Transactional

**public** List<Order> getOrder() {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// create a query ... sort by last name

Query<Order> theQuery = currentSession.createQuery("from Order", Order.**class**);

// execute query and get result list

List<Order> orders = theQuery.getResultList();

// return the results

**return** orders;

}

@Override

@Transactional

**public** **void** saveOrder(Order order) {

// get current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// save/update the customer

currentSession.saveOrUpdate(order);

}

@Override

@Transactional

**public** Order getOrder(**int** orderId) {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// now retrieve/read from database using the primary key

Order order = currentSession.get(Order.**class**, orderId);

**return** order;

}

@Override

@Transactional

**public** **void** deleteOrder(**int** orderId) {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// delete object with primary key

Query theQuery = currentSession.createQuery("delete from Order where id=:orderId");

theQuery.setParameter("orderId", orderId);

theQuery.executeUpdate();

}

@Override

@Transactional

**public** List<Order> getUserOrders(**int** userId) {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// create a query ... sort by last name

Query<Order> theQuery = currentSession.createQuery("from Order where user\_id =: userId", Order.**class**);

theQuery.setParameter("userId", userId);

// execute query and get result list

List<Order> orders = theQuery.getResultList();

// return the results

**return** orders;

}

}

**Class Name:** **ProductDAO**

**package** com.simplilearn.dao;

**import** java.util.List;

**import** com.simplilearn.entity.Order;

**import** com.simplilearn.entity.Product;

**public** **interface** ProductDAO {

**public** List<Product> getProducts();

**public** Product getProduct(**int** productId);

**public** **void** saveProduct(Product product);

**public** **void** deleteProduct(**int** productId);

**public** List<Product> searchProducts(String key);

}

**Class Name:** **ProductDAOImpl**

package com.simplilearn.dao;

import java.util.List;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.query.Query;

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

import org.springframework.stereotype.Repository;

import org.springframework.transaction.annotation.Transactional;

import com.simplilearn.entity.Order;

import com.simplilearn.entity.Product;

@Repository

public class ProductDAOImpl implements ProductDAO {

// need to inject the session factory

@Autowired

private SessionFactory sessionFactory;

@Override

@Transactional

public List<Product> getProducts() {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// create a query

Query<Product> theQuery = currentSession.createQuery("from Product", Product.class);

// execute query and get result list

List<Product> products = theQuery.getResultList();

// return the results

return products;

}

@Override

@Transactional

public Product getProduct(int productId) {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// now retrieve/read from database using the primary key

Product prod = currentSession.get(Product.class, productId);

return prod;

}

@Override

@Transactional

public void saveProduct(Product product) {

// get current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// save/update

currentSession.saveOrUpdate(product);

}

@Override

@Transactional

public void deleteProduct(int productId) {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// delete object with primary key

Query theQuery = currentSession.createQuery("delete from Product where id=:productId");

theQuery.setParameter("productId", productId);

theQuery.executeUpdate();

}

@Override

@Transactional

public List<Product> searchProducts(String key) {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// create a query

Query<Product> theQuery = currentSession.createQuery("from Product where name like: key", Product.class);

theQuery.setParameter("key", "%" + key + "%");

// execute query and get result list

List<Product> products = theQuery.getResultList();

System.out.println();

// return the results

return products;

}

}

**Class Name:UserDAO**

**package** com.simplilearn.dao;

**import** java.util.List;

**import** com.simplilearn.entity.User;

**public** **interface** UserDAO {

**public** List<User> getUsers();

**public** User getUser(**int** user);

**public** **void** saveUser(User user);

**public** **void** deleteUser(**int** user);

}

**Class Name: UserDAOImpl**

package com.simplilearn.dao;

import java.util.List;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.query.Query;

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

import org.springframework.stereotype.Repository;

import org.springframework.transaction.annotation.Transactional;

import com.simplilearn.entity.User;

@Repository

public class UserDAOImpl implements UserDAO {

// need to inject the session factory

@Autowired

private SessionFactory sessionFactory;

@Override

@Transactional

public List<User> getUsers() {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// create a query ... sort by last name

Query<User> theQuery = currentSession.createQuery("from User", User.class);

// execute query and get result list

List<User> users = theQuery.getResultList();

// return the results

return users;

}

@Override

@Transactional

public User getUser(int userId) {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// now retrieve/read from database using the primary key

User user = currentSession.get(User.class, userId);

return user;

}

@Override

@Transactional

public void saveUser(User user) {

// get current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// save/update the customer

currentSession.saveOrUpdate(user);

}

@Override

@Transactional

public void deleteUser(int userId) {

// get the current hibernate session

Session currentSession = sessionFactory.getCurrentSession();

// delete object with primary key

Query theQuery =

currentSession.createQuery("delete from User where id=:userId");

theQuery.setParameter("userId", userId);

theQuery.executeUpdate();

}

}

**Package Name: com.simplilearn.entity**

**Class Name: Order**

**package** com.simplilearn.entity;

**import** javax.persistence.Column;

**import** javax.persistence.Entity;

**import** javax.persistence.FetchType;

**import** javax.persistence.GeneratedValue;

**import** javax.persistence.GenerationType;

**import** javax.persistence.Id;

**import** javax.persistence.JoinColumn;

**import** javax.persistence.ManyToOne;

**import** javax.persistence.Table;

@Entity

@Table(name="orders")

**public** **class** Order {

@Id

@GeneratedValue(strategy=GenerationType.***IDENTITY***)

@Column(name="id")

**private** **int** id;

@ManyToOne

@JoinColumn(name="user\_id")

**private** User user;

@ManyToOne

@JoinColumn(name="product\_id")

**private** Product product;

**public** Order() {

}

**public** Order(User user, Product product) {

**super**();

**this**.user = user;

**this**.product = product;

}

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** User getUser() {

**return** user;

}

**public** **void** setUser(User user) {

**this**.user = user;

}

**public** Product getProduct() {

**return** product;

}

**public** **void** setProduct(Product product) {

**this**.product = product;

}

@Override

**public** String toString() {

**return** "Order [id=" + id + ", user=" + user + ", product=" + product + "]";

}

}

**Class Name: Products**

**package** com.simplilearn.entity;

**import** javax.persistence.Column;

**import** javax.persistence.Entity;

**import** javax.persistence.GeneratedValue;

**import** javax.persistence.GenerationType;

**import** javax.persistence.Id;

**import** javax.persistence.Table;

@Entity

@Table(name="products")

**public** **class** Product {

@Id

@GeneratedValue(strategy=GenerationType.***IDENTITY***)

@Column(name="id")

**private** **int** id;

@Column(name="name")

**private** String name;

@Column(name="company")

**private** String company;

@Column(name="size")

**private** **int** size;

@Column(name="price")

**private** **int** price;

@Column(name="image\_link")

**private** String image\_link;

**public** Product() {

}

**public** Product(String name, String company, **int** size, **int** price, String image\_link) {

**super**();

**this**.name = name;

**this**.company = company;

**this**.size = size;

**this**.price = price;

**this**.image\_link = image\_link;

}

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getCompany() {

**return** company;

}

**public** **void** setCompany(String company) {

**this**.company = company;

}

**public** **int** getSize() {

**return** size;

}

**public** **void** setSize(**int** size) {

**this**.size = size;

}

**public** **int** getPrice() {

**return** price;

}

**public** **void** setPrice(**int** price) {

**this**.price = price;

}

**public** String getImage\_link() {

**return** image\_link;

}

**public** **void** setImage\_link(String image\_link) {

**this**.image\_link = image\_link;

}

@Override

**public** String toString() {

**return** "Product [id=" + id + ", name=" + name + ", company=" + company + ", size=" + size + ", price=" + price

+ ", image\_link=" + image\_link + "]";

}

}

**Class Name: User**

package com.simplilearn.entity;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

import javax.validation.constraints.Max;

import javax.validation.constraints.NotNull;

import javax.validation.constraints.Pattern;

import org.hibernate.validator.constraints.Range;

@Entity

@Table(name="users")

public class User {

@Id

@GeneratedValue(strategy=GenerationType.IDENTITY)

@Column(name="id")

private int id;

@Column(name="type")

private int type;

@Column(name="username")

private String username;

@Column(name="password")

private String password;

@Range(min=1, max=120,message = "Invalied Age")

@Column(name="age")

private int age;

public User() {

}

public User(String username, String password, int age) {

super();

this.username = username;

this.password = password;

this.age = age;

}

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public int getType() {

return type;

}

public void setType(int type) {

this.type = type;

}

public String getUsername() {

return username;

}

public void setUsername(String username) {

this.username = username;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

public int getAge() {

return age;

}

public void setAge(int age) {

this.age = age;

}

@Override

public String toString() {

return "User [id=" + id + ", type=" + type + ", username=" + username + ", password=" + password + ", age="

+ age + "]";

}

}

**Index.jsp**

<% response.sendRedirect("login"); %>

**Login.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Login</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"resources/css/login.css"*>

</head>

<body style="">

<center> <h1> Login </h1> </center>

<form action=*"loginProcess"* method=*"POST"*>

<div class=*"container"*>

<input type=*"hidden"* name=*"command"* value=*"LOGIN"* />

<label>Username : </label>

<br/>

<input type=*"text"* placeholder=*"Enter Username"* name=*"username"* required>

<br/>

<label>Password : </label>

<br/>

<input type=*"password"* placeholder=*"Enter Password"* name=*"password"* required>

<br/>

<button type=*"submit"*>Login</button>

<br/>

<a href=*"*${pageContext.request.contextPath}*/register"*>Don't have an account Register now</a>

</div>

</form>

</body>

</html>

**Register**.**jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Login</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"resources/css/login.css"*>

</head>

<body style="">

<center> <h1> Register </h1> </center>

<form action=*"registerProcess"* method=*"POST"*>

<div class=*"container"*>

<input type=*"hidden"* name=*"command"* value=*"LOGIN"* />

<label>Username : </label>

<br/>

<input type=*"text"* placeholder=*"Enter Username"* name=*"username"* required>

<br/>

<label>Age : </label>

<br/>

<input type=*"text"* placeholder=*"Enter Age"* name=*"age"* required>

<br/>

<label>Password : </label>

<br/>

<input type=*"password"* placeholder=*"Enter Password"* name=*"password"* required>

<br/>

<button type=*"submit"*>Register</button>

<br/>

</div>

</form>

</body>

</html>

**User-home.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Sporty shoes</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/style.css"*>

<link rel=*"stylesheet"*

href=*"../resources/bootstrap/css/bootstrap.min.css"*>

<script src=*"../resources/bootstrap/js/bootstrap.min.js"*></script>

<link rel=*"stylesheet"*

href=*"https://fonts.googleapis.com/css?family=Nunito+Sans"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/material-icons.min.css"*>

</head>

<body

style="background-image: *url('../resources/images/background.jpg')*;">

<div class=*"container-fluid h-100"*>

<div class=*"row h-100 "*>

<jsp:include page=*"left-list.jsp"* />

<div style="margin-top: *7px*;" class=*"col-lg-10 float-left"*>

<form action=*"searchProducts"* method=*"POST"*>

<div class=*" input-group md-form form-sm form-2 pl-0 "*>

<input name=*"keySearch"* class=*"form-control my-0 py-1 red-border"* type=*"text"*

placeholder=*"Search Product"* aria-label=*"Search"*>

<button style="border-width: *0*" type=*"submit"*>

<span class=*"input-group-text red lighten-3"* id=*"basic-text1"*><i

class=*"fa fa-search text-grey"* aria-hidden=*"true"*></i></span>

</button>

</div>

</form>

<div id=*"cards\_container"* class=*"container"*>

<div class=*"row"*>

<!-- loop over and print our customers -->

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

<c:url var=*"orderLink"* value=*"/homepage/orderProcess"*>

<c:param name=*"productId"* value=*"*${product.id}*"* />

</c:url>

<div class=*"card col-xs-3"*

style="width: *14rem*; margin: *21px 38px*;">

<img class=*"card-img-top"* src=*${product.image\_link*}>

<div style="margin-left: *auto*; margin-right: *auto*;"

class=*"card-body"*>

<h5 class=*"card-title"*>${product.name}</h5>

<p class=*"card-text"*>

${product.company}<br>${product.size} Size(India)<br><strong>&#8377</strong>${product.price}

</p>

<c:choose>

<c:when test=*"*${userProducts.contains(product.id)}*"*>

<a href=*"*${orderLink}*"* class=*"btn btn-danger"*><i

class=*"fa fa-shopping-cart fa-lg"*></i> Remove from Cart</a>

</c:when>

<c:otherwise>

<a href=*"*${orderLink}*"* class=*"btn btn-primary"*><i

class=*"fa fa-shopping-cart fa-lg"*></i> Add to My Cart</a>

</c:otherwise>

</c:choose>

</div>

</div>

</c:forEach>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

**Mycart.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Sporty shoes</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/style.css"*>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/login.css"*>

<link rel=*"stylesheet"*

href=*"../resources/bootstrap/css/bootstrap.min.css"*>

<script src=*"../resources/bootstrap/js/bootstrap.min.js"*></script>

<link rel=*"stylesheet"*

href=*"https://fonts.googleapis.com/css?family=Nunito+Sans"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/material-icons.min.css"*>

</head>

<body

style="background-image: *url('../resources/images/background.jpg')*;">

<div class=*"container-fluid h-100"*>

<div class=*"row h-100 "*>

<jsp:include page=*"left-list.jsp"* />

<div class=*"col-lg-10 float-left"*>

<br>

<center>

<h3>My Cart</h3>

</center>

<br>

<div id=*"container"*>

<center>

<div id=*"content"*>

<table>

<tr>

<th>Name</th>

<th>Company</th>

<th>Size</th>

<th>Price</th>

</tr>

<c:forEach var=*"userProducts"* items=*"*${userProducts}*"*>

<tr>

<td>${userProducts.name}</td>

<td>${userProducts.company}</td>

<td>${userProducts.size} size(India)</td>

<td><strong>&#8377</strong>${userProducts.price}</td>

</tr>

</c:forEach>

<tr>

<td colspan=*"4"*>Total Price = <strong>&#8377</strong><strong>${total\_price}</strong></td>

</tr>

</table>

</div>

<br>

<button style="width: *10%*" class=*"btn btn-success"* type=*"button"*>Purchase</button>

</center>

</div>

</div>

</div>

</div>

</body>

</html>

**Myaccount.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Sporty shoes</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/style.css"*>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/login.css"*>

<link rel=*"stylesheet"*

href=*"../resources/bootstrap/css/bootstrap.min.css"*>

<script src=*"../resources/bootstrap/js/bootstrap.min.js"*></script>

<link rel=*"stylesheet"*

href=*"https://fonts.googleapis.com/css?family=Nunito+Sans"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/material-icons.min.css"*>

</head>

<body

style="background-image: *url('../resources/images/background.jpg')*;">

<div class=*"container-fluid h-100"*>

<div class=*"row h-100 "*>

<jsp:include page=*"left-list.jsp"* />

<div class=*"col-lg-10 float-left"*>

<br>

<center>

<h3>My Account</h3>

</center>

<form action=*"updateAcount"* method=*"POST"*>

<div class=*"container"*>

<label>Username

: </label> <br /> <input value=*"*${currentUser.username}*"* type=*"text"* placeholder=*"Enter Username"*

name=*"username"* required> <br /> <label>Age : </label> <br />

<input value=*"*${currentUser.age}*"* type=*"text"* placeholder=*"Enter Age"* name=*"age"* required>

<br /> <label>Password : </label> <br /> <input value=*"*${currentUser.password}*"* type=*"text"*

placeholder=*"Enter Password"* name=*"password"* required> <br />

<br>

<button type=*"submit"*>Update</button>

<br> <br />

</div>

</form>

</div>

</div>

</div>

</body>

</html>

**AddProduct.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Sporty shoes</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/style.css"*>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/login.css"*>

<link rel=*"stylesheet"*

href=*"../resources/bootstrap/css/bootstrap.min.css"*>

<script src=*"../resources/bootstrap/js/bootstrap.min.js"*></script>

<link rel=*"stylesheet"*

href=*"https://fonts.googleapis.com/css?family=Nunito+Sans"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/material-icons.min.css"*>

</head>

<body

style="background-image: *url('../resources/images/background.jpg')*;">

<div class=*"container-fluid h-100"*>

<div class=*"row h-100 "*>

<jsp:include page=*"left-list.jsp"* />

<div class=*"col-lg-10 float-left"*>

<br>

<center>

<h3>Add a New Product</h3>

</center>

<br>

<form action=*"addProductProcess"* method=*"POST"*>

<div class=*"container"*>

<label>Product Name : </label> <br /> <input " type=*"text"*

placeholder=*"Enter name"* name=*"name"* required>

<br>

<label>Company : </label> <br /> <input " type=*"text"*

placeholder=*"Enter company"* name=*"company"* required>

<br>

<label>Size : </label> <br /> <input " type=*"text"*

placeholder=*"Enter size"* name=*"size"* required>

<br>

<label>Price : </label> <br /> <input " type=*"text"*

placeholder=*"Enter price"* name=*"price"* required>

<br>

<label>Image Link : </label> <br /> <input " type=*"text"*

placeholder=*"Enter image"* name=*"image"* required>

<br>

<br>

<button type=*"submit"*>Add</button>

<br>

</div>

</form>

<br><br>

</div>

</div>

</div>

</body>

</html>

**Left-list.jsp**

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

<div class=*"sidenav col-lg-2 d-flex flex-column h-100"*>

<h4 id=*"logo"*>

SportyShoes.com

</h4>

<c:choose>

<c:when test=*"*${currentUser.type == 0 }*"*>

<nav class=*"nav flex-column"*>

<a class=*"nav-link"*

href=*"*${pageContext.request.contextPath}*/homepage/products"*><i

class=*"fa fa-home fa-lg"*></i> Home</a> <a class=*"nav-link active"*

href=*"*${pageContext.request.contextPath}*/homepage/mycart"*> <i

class=*"fa fa-shopping-cart fa-lg"*></i> My Cart

</a> <a class=*"nav-link"*

href=*"*${pageContext.request.contextPath}*/user/myaccount"*><i

class=*"fa fa-user fa-lg"*></i> My Account</a> <a class=*"nav-link"*

href=*"*${pageContext.request.contextPath}*/login"*><i

class=*"fa fa-sign-out fa-lg"*></i> Log Out</a>

</nav>

</c:when>

<c:otherwise>

<nav class=*"nav flex-column"*>

<a class=*"nav-link active"*

href=*"*${pageContext.request.contextPath}*/admin/products"*> <i

class=*"fa fa-shopping-cart fa-lg"*></i> <h style="font-size: *15px*;">Manage Products</h>

</a>

<a class=*"nav-link"*

href=*"*${pageContext.request.contextPath}*/admin/manageUsers"*><i

class=*"fa fa-user fa-lg"*></i> <h style="font-size: *15px*;">Manage Users</h></a>

<a class=*"nav-link"*

href=*"*${pageContext.request.contextPath}*/admin/manageOrders"*><i

class=*"fa fa-shopping-bag fa-lg"*></i> <h style="font-size: *15px*;">Manage Orders</h></a>

<a class=*"nav-link"*

href=*"*${pageContext.request.contextPath}*/admin/addProdcut"*><i

class=*"fa fa-plus fa-lg"*></i> <h style="font-size: *15px*;"> Add Product</h></a>

<a class=*"nav-link"*

href=*"*${pageContext.request.contextPath}*/login"*><i

class=*"fa fa-sign-out fa-lg"*></i> <h style="font-size: *15px*;"> Log Out</h></a>

</nav>

</c:otherwise>

</c:choose>

</div>

**manageOrders.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Sporty shoes</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/style.css"*>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/login.css"*>

<link rel=*"stylesheet"*

href=*"../resources/bootstrap/css/bootstrap.min.css"*>

<script src=*"../resources/bootstrap/js/bootstrap.min.js"*></script>

<link rel=*"stylesheet"*

href=*"https://fonts.googleapis.com/css?family=Nunito+Sans"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/material-icons.min.css"*>

</head>

<body

style="background-image: *url('../resources/images/background.jpg')*;">

<div class=*"container-fluid h-100"*>

<div class=*"row h-100 "*>

<jsp:include page=*"left-list.jsp"* />

<div class=*"col-lg-10 float-left"*>

<br>

<center>

<h3>Manage Orders</h3>

</center>

<br>

<div id=*"container"*>

<center>

<div id=*"content"*>

<table style="width: *65%*">

<tr>

<th>User Name</th>

<th>Product Name</th>

<th>Price</th>

<th>Action</th>

</tr>

<c:forEach var=*"order"* items=*"*${orders}*"*>

<!-- construct an "delete" link with user id -->

<c:url var=*"deleteLink"* value=*"/admin/deleteOrder"*>

<c:param name=*"orderId"* value=*"*${order.id}*"* />

</c:url>

<tr>

<td>${order.user.username}</td>

<td>${order.product.name}</td>

<td><strong>&#8377</strong>${order.product.price}</td>

<td><a href=*"*${deleteLink}*"* class=*"btn btn-danger"*>

Delete</a></td>

</tr>

</c:forEach>

<tr>

<td colspan=*"4"*>Total Price =<strong>&#8377</strong><strong >${totalPrice}</strong></td>

</tr>

</table>

</div>

<br>

</center>

</div>

</div>

</div>

</div>

</body>

</html>

**Manageusers.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Sporty shoes</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/style.css"*>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/login.css"*>

<link rel=*"stylesheet"*

href=*"../resources/bootstrap/css/bootstrap.min.css"*>

<script src=*"../resources/bootstrap/js/bootstrap.min.js"*></script>

<link rel=*"stylesheet"*

href=*"https://fonts.googleapis.com/css?family=Nunito+Sans"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/material-icons.min.css"*>

</head>

<body

style="background-image: *url('../resources/images/background.jpg')*;">

<div class=*"container-fluid h-100"*>

<div class=*"row h-100 "*>

<jsp:include page=*"left-list.jsp"* />

<div class=*"col-lg-10 float-left"*>

<br>

<center>

<h3>Manage Users</h3>

</center>

<br>

<div id=*"container"*>

<center>

<div id=*"content"*>

<table style="width: *45%*">

<tr>

<th>User Name</th>

<th>Age</th>

<th>Action</th>

</tr>

<c:forEach var=*"user"* items=*"*${users}*"*>

<c:if test=*"*${user.type == 0}*"*>

<!-- construct an "delete" link with user id -->

<c:url var=*"deleteLink"* value=*"/admin/deleteUser"*>

<c:param name=*"userId"* value=*"*${user.id}*"* />

</c:url>

<tr>

<td>${user.username}</td>

<td>${user.age}</td>

<td><a href=*"*${deleteLink}*"* class=*"btn btn-danger"*>

Delete</a></td>

</tr>

</c:if>

</c:forEach>

</table>

</div>

<br>

</center>

</div>

</div>

</div>

</div>

</body>

</html>

**Manage-products.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Sporty shoes</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/style.css"*>

<link rel=*"stylesheet"*

href=*"../resources/bootstrap/css/bootstrap.min.css"*>

<script src=*"../resources/bootstrap/js/bootstrap.min.js"*></script>

<link rel=*"stylesheet"*

href=*"https://fonts.googleapis.com/css?family=Nunito+Sans"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/material-icons.min.css"*>

</head>

<body

style="background-image: *url('../resources/images/background.jpg')*;">

<div class=*"container-fluid h-100"*>

<div class=*"row h-100 "*>

<jsp:include page=*"left-list.jsp"* />

<div style="margin-top: *7px*;" class=*"col-lg-10 float-left"*>

<form action=*"../homepage/searchProducts"* method=*"POST"*>

<div class=*" input-group md-form form-sm form-2 pl-0 "*>

<input name=*"keySearch"* class=*"form-control my-0 py-1 red-border"*

type=*"text"* placeholder=*"Search Product"* aria-label=*"Search"*>

<button style="border-width: *0*" type=*"submit"*>

<span class=*"input-group-text red lighten-3"* id=*"basic-text1"*><i

class=*"fa fa-search text-grey"* aria-hidden=*"true"*></i></span>

</button>

</div>

</form>

<div id=*"cards\_container"* class=*"container"*>

<div class=*"row"*>

<!-- loop over and print our customers -->

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

<c:url var=*"updateLink"* value=*"/admin/updateProduct"*>

<c:param name=*"productId"* value=*"*${product.id}*"* />

</c:url>

<c:url var=*"deleteLink"* value=*"/admin/deleteProduct"*>

<c:param name=*"productId"* value=*"*${product.id}*"* />

</c:url>

<div class=*"card col-xs-3"*

style="width: *14rem*; margin: *21px 38px*;">

<img class=*"card-img-top"* src=*${product.image\_link*}>

<div style="margin-left: *auto*; margin-right: *auto*;"

class=*"card-body"*>

<h5 class=*"card-title"*>${product.name}</h5>

<p class=*"card-text"*>

${product.company}<br>${product.size} Size(India)<br><strong>&#8377</strong>${product.price}

</p>

<div class=*"container"*>

<div class=*"row"*>

<div class=*"col"*>

<a href=*"*${updateLink}*"* class=*"btn btn-success"*> Update</a>

</div>

<div class=*"col"*>

<a href=*"*${deleteLink}*"* class=*"btn btn-danger"*>Remove</a>

</div>

</div>

</div>

</div>

</div>

</c:forEach>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

**Update-product.jsp**

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

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Sporty shoes</title>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/style.css"*>

<link type=*"text/css"* rel=*"stylesheet"* href=*"../resources/css/login.css"*>

<link rel=*"stylesheet"*

href=*"../resources/bootstrap/css/bootstrap.min.css"*>

<script src=*"../resources/bootstrap/js/bootstrap.min.js"*></script>

<link rel=*"stylesheet"*

href=*"https://fonts.googleapis.com/css?family=Nunito+Sans"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/font-awesome.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/ionicons.min.css"*>

<link rel=*"stylesheet"* href=*"../resources/fonts/material-icons.min.css"*>

</head>

<body

style="background-image: *url('../resources/images/background.jpg')*;">

<div class=*"container-fluid h-100"*>

<div class=*"row h-100 "*>

<jsp:include page=*"left-list.jsp"* />

<div class=*"col-lg-10 float-left"*>

<br>

<center>

<h3>Add a New Product</h3>

</center>

<br>

<form action=*"updateProductProcess"* method=*"POST"*>

<div class=*"container"*>

<input type=*"hidden"*

name=*"productId"* value=*"*${product.id}*"*>

<label>Product Name : </label> <br /> <input type=*"text"*

placeholder=*"Enter name"* name=*"name"* value=*"*${product.name}*"* required>

<br>

<label>Company : </label> <br /> <input type=*"text"*

placeholder=*"Enter company"* name=*"company"* value=*"*${product.company}*"* required>

<br>

<label>Size : </label> <br /> <input type=*"text"*

placeholder=*"Enter size"* name=*"size"* value=*"*${product.size}*"* required>

<br>

<label>Price : </label> <br /> <input type=*"text"*

placeholder=*"Enter price"* name=*"price"* value=*"*${product.price}*"* required>

<br>

<label>Image Link : </label> <br /> <input type=*"text"*

placeholder=*"Enter image"* name=*"image"* value=*"*${product.image\_link}*"* required>

<br>

<br>

<button type=*"submit"*>Update</button>

<br>

</div>

</form>

<br><br>

</div>

</div>

</div>

</body>

</html>

**Sporty-shoes-servlet.xml**

<?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:context=*"http://www.springframework.org/schema/context"*

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

xmlns:mvc=*"http://www.springframework.org/schema/mvc"*

xsi:schemaLocation=*"*

*http://www.springframework.org/schema/beans*

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

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

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

*http://www.springframework.org/schema/mvc*

*http://www.springframework.org/schema/mvc/spring-mvc.xsd*

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

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

<!-- Add support for component scanning -->

<context:component-scan base-package=*"com.simplilearn"* />

<!-- Add support for conversion, formatting and validation support -->

<mvc:annotation-driven/>

<!-- Define Spring MVC view resolver -->

<bean

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

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

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

</bean>

<!-- Step 1: Define Database DataSource / connection pool -->

<bean id=*"myDataSource"* class=*"com.mchange.v2.c3p0.ComboPooledDataSource"*

destroy-method=*"close"*>

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

<property name=*"jdbcUrl"* value=*"jdbc:mysql://localhost:3306/sporty-shoes"* />

<property name=*"user"* value=*"root"* />

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

<!-- these are connection pool properties for C3P0 -->

<property name=*"minPoolSize"* value=*"5"* />

<property name=*"maxPoolSize"* value=*"20"* />

<property name=*"maxIdleTime"* value=*"30000"* />

</bean>

<!-- Step 2: Setup Hibernate session factory -->

<bean id=*"sessionFactory"*

class=*"org.springframework.orm.hibernate5.LocalSessionFactoryBean"*>

<property name=*"dataSource"* ref=*"myDataSource"* />

<property name=*"packagesToScan"* value=*"com.simplilearn.entity"* />

<property name=*"hibernateProperties"*>

<props>

<prop key=*"hibernate.dialect"*>org.hibernate.dialect.MySQLDialect</prop>

<prop key=*"hibernate.show\_sql"*>true</prop>

</props>

</property>

</bean>

<!-- Step 3: Setup Hibernate transaction manager -->

<bean id=*"myTransactionManager"*

class=*"org.springframework.orm.hibernate5.HibernateTransactionManager"*>

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

</bean>

<!-- Step 4: Enable configuration of transactional behavior based on annotations -->

<tx:annotation-driven transaction-manager=*"myTransactionManager"* />

<!-- Add support for reading web resources: css, images, js, etc ... -->

<mvc:resources location=*"/resources/"* mapping=*"/resources/\*\*"*></mvc:resources>

</beans>

**Web.xml**

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

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_3\_1.xsd"* id=*"WebApp\_ID"* version=*"3.1"*>

<display-name>Sporty-Shoes-Store</display-name>

<absolute-ordering />

<welcome-file-list>

<welcome-file>index.jsp</welcome-file>

<welcome-file>index.html</welcome-file>

</welcome-file-list>

<servlet>

<servlet-name>dispatcher</servlet-name>

<servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>

<init-param>

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

<param-value>/WEB-INF/sporty-shoes-servlet.xml</param-value>

</init-param>

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

</servlet>

<servlet-mapping>

<servlet-name>dispatcher</servlet-name>

<url-pattern>/</url-pattern>

</servlet-mapping>

</web-app>

**pom.xml**

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

<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/xsd/maven-4.0.0.xsd"*>

<modelVersion>4.0.0</modelVersion>

<groupId>com.simplilearn</groupId>

<artifactId>Sporty-Shoes-Store</artifactId>

<version>1.0</version>

<packaging>war</packaging>

<name>Sporty-Shoes-Store Maven Webapp</name>

<!-- FIXME change it to the project's website -->

<url>http://www.example.com</url>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

<maven.compiler.source>1.8</maven.compiler.source>

<maven.compiler.target>1.8</maven.compiler.target>

</properties>

<dependencies>

<!-- https://mvnrepository.com/artifact/org.springframework/spring-webmvc -->

<!-- https://mvnrepository.com/artifact/org.springframework/spring-web -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-web</artifactId>

<version>5.2.15.RELEASE</version>

</dependency>

<!-- https://mvnrepository.com/artifact/javax.servlet/javax.servlet-api -->

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>javax.servlet-api</artifactId>

<version>3.1.0</version>

<scope>provided</scope>

</dependency>

<!-- https://mvnrepository.com/artifact/org.hibernate/hibernate-core -->

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-core</artifactId>

<version>5.5.2.Final</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.springframework/spring-tx -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-tx</artifactId>

<version>5.3.3</version>

</dependency>

<!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.25</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.hibernate/hibernate-validator -->

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-validator</artifactId>

<version>6.1.0.Final</version>

</dependency>

<!-- https://mvnrepository.com/artifact/org.springframework/spring-core -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-core</artifactId>

<version>5.3.4</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-webmvc</artifactId>

<version>5.2.15.RELEASE</version>

</dependency>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.11</version>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<finalName>Sporty-Shoes-Store</finalName>

<pluginManagement><!-- lock down plugins versions to avoid using Maven

defaults (may be moved to parent pom) -->

<plugins>

<plugin>

<artifactId>maven-clean-plugin</artifactId>

<version>3.1.0</version>

</plugin>

<!-- see http://maven.apache.org/ref/current/maven-core/default-bindings.html#Plugin\_bindings\_for\_war\_packaging -->

<plugin>

<artifactId>maven-resources-plugin</artifactId>

<version>3.0.2</version>

</plugin>

<plugin>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.8.0</version>

</plugin>

<plugin>

<artifactId>maven-surefire-plugin</artifactId>

<version>2.22.1</version>

</plugin>

<plugin>

<artifactId>maven-war-plugin</artifactId>

<version>3.2.2</version>

</plugin>

<plugin>

<artifactId>maven-install-plugin</artifactId>

<version>2.5.2</version>

</plugin>

<plugin>

<artifactId>maven-deploy-plugin</artifactId>

<version>2.8.2</version>

</plugin>

</plugins>

</pluginManagement>

</build>

</project>