**package** com.simplilearn.webapp.Dao;

**import** java.util.List;

**import** javax.management.Query;

**import** org.hibernate.Session;

**import** org.hibernate.Transaction;

**import** org.springframework.orm.hibernate5.HibernateTemplate;

**import** com.simplilearn.webapp.model.Admin;

@SuppressWarnings("deprecation")

**public** **class** AdminRepository {

**private** HibernateTemplate hibernateTemplate;

**public** HibernateTemplate getHibernateTemplate() {

**return** hibernateTemplate;

}

**public** **void** setHibernateTemplate(HibernateTemplate hibernateTemplate) {

**this**.hibernateTemplate = hibernateTemplate;

}

**public** **boolean** verifyAdmin(Admin a) {

Session session=hibernateTemplate.getSessionFactory().openSession();

Transaction transaction=session.beginTransaction();

String hql = "from Admin where email=:email and password=:password";

Query<Admin> query = session.createQuery(hql,Admin.**class**);

query.setParameter("email", a.getEmail());

query.setParameter("password", a.getPassword());

List<Admin> results = query.getResultList();

transaction.commit();

session.close();

**return** results.size()>0;

}

}

**package** com.simplilearn.webapp.Dao;

**import** java.util.List;

**import** org.hibernate.Session;

**import** org.hibernate.Transaction;

**import** org.springframework.orm.hibernate5.HibernateTemplate;

**import** com.simplilearn.webapp.model.Product;

**public** **class** ProductRepository {

HibernateTemplate hibernateTemplate;

**public** ProductRepository() {

**super**();

}

**public** ProductRepository(HibernateTemplate hibernateTemplate) {

**super**();

**this**.hibernateTemplate = hibernateTemplate;

}

**public** HibernateTemplate getHibernateTemplate() {

**return** hibernateTemplate;

}

**public** **void** setHibernateTemplate(HibernateTemplate hibernateTemplate) {

**this**.hibernateTemplate = hibernateTemplate;

}

**public** List<Product> getAllProducts(){

List<Product> productList=hibernateTemplate.loadAll(Product.**class**);

**return** productList;

}

**public** Boolean deleteProduct(**int** id) {

**try** {

Session session=hibernateTemplate.getSessionFactory().openSession();

Transaction transaction=session.beginTransaction();

Product p=session.get(Product.**class**, id);

session.delete(p);

transaction.commit();

session.close();

}

**catch**(Exception e) {

**return** **false**;

}

**return** **true**;

}

}

package com.simplilearn.webapp.Dao;

import java.util.List;

import com.simplilearn.webapp.model.\*;

import org.springframework.orm.hibernate5.HibernateTemplate;

public class PurchaseReportRepository {

HibernateTemplate hibernateTemplate;

public HibernateTemplate getHibernateTemplate() {

return hibernateTemplate;

}

public void setHibernateTemplate(HibernateTemplate hibernateTemplate) {

this.hibernateTemplate = hibernateTemplate;

}

@SuppressWarnings("deprecation")

public List<PurchaseReport> getReport(){

@SuppressWarnings("unchecked")

List<PurchaseReport> report=(List<PurchaseReport>) hibernateTemplate.find("from PurchaseReport order by reportProductName,reportDate");

return report;

}

}

package com.simplilearn.webapp.Dao;

import javax.management.Query;

import org.hibernate.Session;

import org.hibernate.Transaction;

import org.springframework.orm.hibernate5.HibernateTemplate;

import com.simplilearn.webapp.model.Admin;

@SuppressWarnings("deprecation")

public class Repository {

private HibernateTemplate hibernateTemplate;

public HibernateTemplate getHibernateTemplate() {

return hibernateTemplate;

}

public void setHibernateTemplate(HibernateTemplate hibernateTemplate) {

this.hibernateTemplate = hibernateTemplate;

}

public boolean forgotPassword(String email,String password) {

Session session=hibernateTemplate.getSessionFactory().openSession();

Transaction tx=session.beginTransaction();

@SuppressWarnings("unchecked")

Query<Admin> q=session.createQuery("update Admin set password=:p where email=:e");

q.setParameter("e",email);

q.setParameter("p",password);

int status=q.executeUpdate();

System.out.println(status);

tx.commit();

return status>0?true:false;

}

}

package com.simplilearn.webapp.Dao;

import java.util.List;

import javax.management.Query;

import org.hibernate.Session;

import org.hibernate.Transaction;

import org.springframework.orm.hibernate5.HibernateTemplate;

import com.simplilearn.webapp.model.User;

@SuppressWarnings("deprecation")

public class UserRepository {

HibernateTemplate hibernateTemplate;

public UserRepository() {

super();

}

public UserRepository(HibernateTemplate hibernateTemplate) {

super();

this.hibernateTemplate = hibernateTemplate;

}

public HibernateTemplate getHibernateTemplate() {

return hibernateTemplate;

}

public void setHibernateTemplate(HibernateTemplate hibernateTemplate) {

this.hibernateTemplate = hibernateTemplate;

}

public List<User> getAllUsers(){

List<User> userList=hibernateTemplate.loadAll(User.class);

return userList;

}

public List<User> searchUser(String email){

Session session=hibernateTemplate.getSessionFactory().openSession();

Transaction transaction=session.beginTransaction();

String hql = "from User where userEmail=:email";

Query<User> query = session.createQuery(hql,User.class);

query.setParameter("email", email);

List<User> user = query.getResultList();

transaction.commit();

session.close();

return user;

}

}

package com.simplilearn.webapp.model;

import java.io.Serializable;

import javax.persistence.Entity;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name = "admin")

public class Admin implements Serializable {

private static final long serialVersionUID = 1L;

@Id

private String email;

private String password;

public Admin() {

super();

}

public Admin(String email, String password) {

super();

this.email = email;

this.password = password;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

@Override

public String toString() {

return String.format("Admin [email=%s, password=%s]", email, password);

}

}

package com.simplilearn.webapp.controller;

import com.simplilearn.webapp.model.\*;

import com.simplilearn.webapp.Dao.AdminRepository;

import com.simplilearn.webapp.Dao.ProductRepository;

import com.simplilearn.webapp.Dao.PurchaseReportRepository;

import com.simplilearn.webapp.Dao.Repository;

import com.simplilearn.webapp.Dao.UserRepository;

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

import org.springframework.stereotype.Controller;

import org.springframework.ui.ModelMap;

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

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

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

@Controller

public class HomeController {

@Autowired

AdminRepository adminRepository;

@Autowired

ProductRepository productRepository;

@Autowired

UserRepository userRepository;

@Autowired

PurchaseReportRepository purchaseReportRepository;

@Autowired

Repository repository;

@RequestMapping("/")

public String showHome() {

return "Home";

}

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

public String adminLoginPage() {

return "AdminLogin";

}

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

public String forgotPassword() {

return "ForgotPassword";

}

@RequestMapping(value="adminForgotPassword",method =RequestMethod.POST)

public String adminForgotPasswordPage(@RequestParam("email")String email,

@RequestParam("password")String password,ModelMap map) {

if(repository.forgotPassword(email,password))

map.addAttribute("message","Password Updated");

else

map.addAttribute("message","Invalid Details");

return "ForgotPassword";

}

@RequestMapping(value="adminPage",method=RequestMethod.POST)

public String adminPage(@RequestParam(name="email")String email,

@RequestParam(name="password")String password,ModelMap map) {

if(adminRepository.verifyAdmin(new Admin(email,password)))

return "AdminPage";

else {

map.addAttribute("message", "Invalid Details");

return "AdminLogin";

}

}

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

public String getAllProducts(ModelMap map) {

map.addAttribute("productList",productRepository.getAllProducts());

return "Product";

}

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

public String getAllUsers(ModelMap map) {

map.addAttribute("userList",userRepository.getAllUsers());

return "User";

}

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

public String searchUser(@RequestParam("email")String email,ModelMap map) {

map.addAttribute("userList",userRepository.searchUser(email));

return "User";

}

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

public String getRport(ModelMap map) {

map.addAttribute("report",purchaseReportRepository.getReport());

return "PurchaseReport";

}

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

public String deleteProduct(@RequestParam("id")int id,ModelMap map) {

if(productRepository.deleteProduct(id))

map.addAttribute("message","Product Deleted Successfully");

else

map.addAttribute("message","Try after few minutes");

map.addAttribute("productList",productRepository.getAllProducts());

return "Product";

}

}

<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.simlilearn.sportyshoes</groupId>

<artifactId>E-Commerce-website-for-sporty-shoes-phase-3-project</artifactId>

<packaging>war</packaging>

<version>0.0.1-SNAPSHOT</version>

<name>E-Commerce-website-for-sporty-shoes-phase-3-project Maven Webapp</name>

<url>http://maven.apache.org</url>

<properties>

<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 -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-webmvc</artifactId>

<version>5.3.5</version>

</dependency>

<!-- https://mvnrepository.com/artifact/commons-logging/commons-logging -->

<dependency>

<groupId>commons-logging</groupId>

<artifactId>commons-logging</artifactId>

<version>1.2</version>

</dependency>

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

<dependency>

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

<version>4.0.1</version>

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</dependency>

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

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-core</artifactId>

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</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-orm</artifactId>

<version>5.3.5</version>

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<dependency>

<groupId>mysql</groupId>

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

<version>8.0.23</version>

</dependency>

<dependency>

<groupId>org.glassfish.web</groupId>

<artifactId>javax.servlet.jsp.jstl</artifactId>

<version>1.2.1</version>

</dependency>

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

<version>1.2.1</version>

</dependency>

</dependencies>

<build>

<finalName>E-Commerce-website-for-sporty-shoes-phase-3-project</finalName>

</build>

</project>

package com.simplilearn.webapp.model;

import java.io.Serializable;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="product")

public class Product implements Serializable{

private static final long serialVersionUID = 1L;

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

private int productId;

private String productName;

private int productPrice;

private String productDiscription;

public Product() {

super();

}

public Product(String productName, int productPrice, String productDiscription) {

super();

this.productName = productName;

this.productPrice = productPrice;

this.productDiscription = productDiscription;

}

public int getProductId() {

return productId;

}

public void setProductId(int productId) {

this.productId = productId;

}

public String getProductName() {

return productName;

}

public void setProductName(String productName) {

this.productName = productName;

}

public int getProductPrice() {

return productPrice;

}

public void setProductPrice(int productPrice) {

this.productPrice = productPrice;

}

public String getProductDiscription() {

return productDiscription;

}

public void setProductDiscription(String productDiscription) {

this.productDiscription = productDiscription;

}

@Override

public String toString() {

return String.format("Product [productId=%s, productName=%s, productprice=%s, productDiscription=%s]",

productId, productName, productPrice, productDiscription);

}

}

package com.simplilearn.webapp.model;

import java.io.Serializable;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="purchase\_report")

public class PurchaseReport implements Serializable {

private static final long serialVersionUID = 1L;

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

private int reportId;

private String reportProductName;

private String reportUserEmail;

private String reportDate;

private int reportPrice;

public PurchaseReport() {

super();

}

public PurchaseReport(String reportProductName, String reportUserEmail, String reportDate, int reportPrice) {

super();

this.reportProductName = reportProductName;

this.reportUserEmail = reportUserEmail;

this.reportDate = reportDate;

this.reportPrice = reportPrice;

}

public int getReportId() {

return reportId;

}

public void setReportId(int reportId) {

this.reportId = reportId;

}

public String getReportProductName() {

return reportProductName;

}

public void setReportProductName(String reportProductName) {

this.reportProductName = reportProductName;

}

public String getReportUserEmail() {

return reportUserEmail;

}

public void setReportUserEmail(String reportUserEmail) {

this.reportUserEmail = reportUserEmail;

}

public String getReportDate() {

return reportDate;

}

public void setReportDate(String reportDate) {

this.reportDate = reportDate;

}

public int getReportPrice() {

return reportPrice;

}

public void setReportPrice(int reportPrice) {

this.reportPrice = reportPrice;

}

public static long getSerialversionuid() {

return serialVersionUID;

}

@Override

public String toString() {

return String.format(

"PurchaseReport [reportId=%s, reportProductName=%s, reportUserEmail=%s, reportDate=%s, reportPrice=%s]",

reportId, reportProductName, reportUserEmail, reportDate, reportPrice);

}

}

create database sporty\_shoes;

use sporty\_shoes;

create table admin(email varchar(30),password varchar(30));

insert into admin values("admin@gmail.com","admin@123");

select \* from admin;

create table product(productId int,productName Varchar(30),productPrice int(30),productDiscription varchar(100));

insert into product values (1,"Strickrer",399,"This is men slipper for the normal walk ");

select \* from product;

create table purchase\_report(reportId int ,

reportProductName varchar(30),

reportUserEmail varchar(30),

reportDate varchar(30),

reportPrice int(20));

insert into purchase\_report values(1,"Strickrer","kushalasura0438@gmail.com","18-10-2000",399);

select \* from purchase\_report;

create table user(userId int(10),

userName varchar(30),

userEmail varchar(30),

userAge int(10),

userGender varchar(10),

userAddress varchar(100));

insert into user values(1,"kushala","kushalasura0438@gmail.com",22,"Female","D Honnur");

select \* from user;

package com.simplilearn.webapp.model;

import java.io.Serializable;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="user")

public class User implements Serializable {

private static final long serialVersionUID = 1L;

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

private int userId;

private String userName;

private String userEmail;

private int userAge;

private String userGender;

private String userAddress;

public User() {

super();

}

public User(String userName, String userEmail, int userAge, String userGender, String userAddress) {

super();

this.userName = userName;

this.userEmail = userEmail;

this.userAge = userAge;

this.userGender = userGender;

this.userAddress = userAddress;

}

public int getUserId() {

return userId;

}

public void setUserId(int userId) {

this.userId = userId;

}

public String getUserName() {

return userName;

}

public void setUserName(String userName) {

this.userName = userName;

}

public String getUserEmail() {

return userEmail;

}

public void setUserEmail(String userEmail) {

this.userEmail = userEmail;

}

public int getUserAge() {

return userAge;

}

public void setUserAge(int userAge) {

this.userAge = userAge;

}

public String getUserGender() {

return userGender;

}

public void setUserGender(String userGender) {

this.userGender = userGender;

}

public String getUserAddress() {

return userAddress;

}

public void setUserAddress(String userAddress) {

this.userAddress = userAddress;

}

public static long getSerialversionuid() {

return serialVersionUID;

}

@Override

public String toString() {

return String.format("User [userId=%s, userName=%s, userEmail=%s, userAge=%s, userGender=%s, userAddress=%s]",

userId, userName, userEmail, userAge, userGender, userAddress);

}

}