package com.mobie.DAO;

import java.sql.Date;

import java.sql.SQLException;

import java.util.List;

import com.mobile.DTO.\*;

public interface AdminDAO {

public void insertCusPurDetails(int purchaseId, String name, String mailId, String phoneNum, int mobileId);

public void update();

public void deleteMobileId(int id);

public List<MobileDetails> view() throws ClassNotFoundException, SQLException;

public void searchById(int id);

}

------------------------------------------------------------------------------------------------------------------------------------------package com.mobie.DAO;

import java.sql.\*;

import java.util.ArrayList;

import java.util.List;

import com.mobile.DTO.\*;

//import com.mobile.DTO.PurchaseDetails;

//import com.mobilepurchase.services.ResultSet;

//import com.mobilepurchase.services.SQLException;

public class AdminDaoImp implements AdminDAO{

//Connection con;

@Override

public void insertCusPurDetails(int purchaseId, String name, String mailId, String phoneNum, int mobileId) {

try {

Connection con;

con=DBUtil.getDBConnection();

// TODO Auto-generated method stub

PreparedStatement ps=con.prepareStatement("Insert into purchaseDetails values(?,?,?,?,?,?)");

ps.setInt(1, purchaseId);

ps.setString(2,name);

ps.setString(3, mailId);

ps.setString(4, phoneNum);

ps.setDate(5, getCurrentDate());

ps.setInt(6, mobileId);

//ps.setInt(7, deptno);

ps.executeUpdate();

System.out.println("Inserted Successfully");

}

catch (SQLException e)

{

e.printStackTrace();

}

}

Date getCurrentDate() {

// TODO Auto-generated method stub

java.util.Date today = new java.util.Date();

return new java.sql.Date(today.getTime());

}

@Override

public void update() {

// TODO Auto-generated method stub

}

@Override

public void deleteMobileId(int mobileId) {

// TODO Auto-generated method stub

try

{

//System.out.println("this is in DAO Imp");

Connection con;

con =DBUtil.getDBConnection();

PreparedStatement ps=con.prepareStatement("delete from purchaseDetails where mobileId=?");

ps.setInt(1, mobileId);

//ResultSet rs = ps.executeQuery();

ps.executeUpdate();

System.out.println("Record Deleted successfully");

}

catch (SQLException e)

{

e.printStackTrace();

}

}

@Override

public List<MobileDetails> view() throws ClassNotFoundException, SQLException {

// TODO Auto-generated method stub\

Connection con;

con = DBUtil.getDBConnection();

Statement stmt = con.createStatement();

ResultSet rs = stmt.executeQuery("select mobileId, name, price, quantity from Mobiles");

List<MobileDetails> mlist = new ArrayList<>();

//MobileDetails m=new MobileDetails();

while (rs.next()) {

MobileDetails m=new MobileDetails();

// MobileDetails mobile = new MobileDetails(rs.getInt("MobileId"), rs.getString("name"), rs.getInt("price"), rs.getString("quantity"));

m.setNumber(rs.getInt(1));

m.setName(rs.getString(2));

m.setPrice(rs.getDouble(3));

m.setQuantity(rs.getString(4));

mlist.add(m);

//mlist.toString();

}

//System.out.println(mlist);

rs.close();

return mlist;

}

@Override

public void searchById(int id) {

// TODO Auto-generated method stub

try

{

System.out.println("this is in DAO Imp");

Connection con;

con =DBUtil.getDBConnection();

Statement stmt = con.createStatement(ResultSet.TYPE\_SCROLL\_INSENSITIVE, ResultSet.CONCUR\_READ\_ONLY);

ResultSet rset = stmt.executeQuery("select mobileId, name, price, quantity from mobiles");

rset.next();

if(rset.getInt(3)>=25000)

{

//PreparedStatement ps=con.prepareStatement("select \* from mobiles where price>=25000");

//ps.setInt(1, id);

ResultSet rset1 = stmt.executeQuery("select \* from mobiles where price>=25000");

while (rset1.next())

{

// PurchaseDetails ps = new PurchaseDetails(rs.getInt("purchaseId"), rs.getString("cname"),rs.getString("mailId"),rs.getString("PhoneNum"),rs.getDate("purchaseDate") ,rs.getDouble("mobileId"));

System.out.println(rset1.getInt("MobileId")+" "+ rset1.getString("name")+" "+ rset1.getInt("price")+" "+ rset1.getString("quantity"));

//System.out.println(rs);

//System.out.println("this is in DAO ");

}

}

else

{

//PreparedStatement ps=con.prepareStatement("select \* from mobiles where price<25000");

//ps.setInt(1, id);

ResultSet rset1 = stmt.executeQuery("select \* from mobiles where price<25000");

while (rset1.next())

{

// PurchaseDetails ps = new PurchaseDetails(rs.getInt("purchaseId"), rs.getString("cname"),rs.getString("mailId"),rs.getString("PhoneNum"),rs.getDate("purchaseDate") ,rs.getDouble("mobileId"));

System.out.println(rset1.getInt("MobileId")+" "+ rset1.getString("name")+" "+ rset1.getInt("price")+" "+ rset1.getString("quantity"));

//System.out.println(rs);

//System.out.println("this is in DAO ");

}

}

//stmt.close();

}

catch (SQLException e)

{

e.printStackTrace();

}

}

}

package com.mobilepurchase.services;

import java.sql.SQLException;

import java.util.List;

import com.mobile.DTO.MobileDetails;

public interface AdminServices {

public void insertCusPurDetails(int purchaseId, String name, String mailId, String phoneNum, int mobileId);

public void update();

public void deleteMobileId(int id);

public List<MobileDetails> view() throws ClassNotFoundException, SQLException;

public void searchById(int id);

}

package com.mobilepurchase.services;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.List;

import com.mobie.DAO.\*;

import com.mobile.DTO.\*;

public class AdminServicesImp implements AdminServices {

Connection con;

@Override

public void insertCusPurDetails(int purchaseId, String name, String mailId, String phoneNum, int mobileId) {

// TODO Auto-generated method stub

AdminDaoImp a=new AdminDaoImp();

a.insertCusPurDetails(purchaseId, name, mailId, phoneNum, mobileId);

//return 0;

}

@Override

public void update() {

// TODO Auto-generated method stub

}

@Override

public void deleteMobileId(int id) {

// TODO Auto-generated method stub

AdminDAO a=new AdminDaoImp();

a.deleteMobileId(id);

}

@Override

public List<MobileDetails> view() throws ClassNotFoundException, SQLException {

// TODO Auto-generated method stub

AdminDAO a=new AdminDaoImp();

List<MobileDetails> m= a.view();

return m;

}

@Override

public void searchById(int id) {

// TODO Auto-generated method stub

AdminDAO a=new AdminDaoImp();

System.out.println("this is in services");

a.searchById(id);

}

}

package com.mobie.DAO;

//public class DBUtil {

import java.io.FileInputStream;

import java.io.IOException;

import java.io.InputStream;

import java.sql.\*;

import java.util.\*;

public class DBUtil {

private final static String PROPERTIES\_FILE\_NAME="Properties\\DBDetails.properties";

public static Connection getDBConnection() throws SQLException

{

Properties prop= loadProperties();

Connection conn=null;

try

{

// DriverManager.registerDriver(;

String driverName=prop.getProperty("driver");

Class.forName(driverName);

String dbUrl=prop.getProperty("url");

String user=prop.getProperty("username");

String pwd=prop.getProperty("password");

conn=DriverManager.getConnection(dbUrl,user,pwd);

}catch(ClassNotFoundException e)

{

e.printStackTrace();

}

return conn;

}

public static Properties loadProperties() {

// TODO Auto-generated method stub

InputStream propsFile;

Properties dbProperties=new Properties();

try

{

propsFile=new FileInputStream(PROPERTIES\_FILE\_NAME);

dbProperties.load(propsFile);

propsFile.close();

}

catch(IOException e)

{

System.out.println("I/O Exception");

e.printStackTrace();

System.exit(0);

}

return dbProperties;

}

}

package com.mobile.DTO;

public class MobileDetails {

double number;

String name;

double price;

String quantity;

public MobileDetails(double number, String name, double price, String quantity) {

super();

this.number = number;

this.name = name;

this.price = price;

this.quantity = quantity;

}

@Override

public String toString() {

return "MobileDetails [number=" + number + ", name=" + name + ", price=" + price + ", quantity=" + quantity

+ "]";

}

public MobileDetails() {

// TODO Auto-generated constructor stub

}

public double getNumber() {

return number;

}

public void setNumber(double number) {

this.number = number;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public double getPrice() {

return price;

}

public void setPrice(double price) {

this.price = price;

}

public String getQuantity() {

return quantity;

}

public void setQuantity(String quantity) {

this.quantity = quantity;

}

}

package com.presentation;

import java.sql.SQLException;

import java.util.List;

import java.util.Scanner;

import com.mobile.DTO.MobileDetails;

import com.mobilepurchase.services.AdminServices;

//import com.mobilepurchase.services.AdminServices;

import com.mobilepurchase.services.AdminServicesImp;

public class MobileUI {

public static void main(String[] args) throws ClassNotFoundException, SQLException

{

AdminServices as = new AdminServicesImp();

//Adminstration a = new Adminstration();

Scanner sc = new Scanner(System.in);

System.out.println("please select one of the following operations 1.Insert into purchaseDetails \n 2.search mobile details by range of price \n 3.delete mobile details by id \n 4.View mobile details ");

int purchaseId,c,mobileId;

c=sc.nextInt();

String cname;

String mailId;

String phoneNum;

switch(c)

{

case 1: System.out.println("please enter the following deatails");

System.out.println("enter PurchaseID");

purchaseId=sc.nextInt();

System.out.println("enter Customer Name");

cname=sc.next();

System.out.println("enter Mail Id");

mailId=sc.next();

System.out.println("enter Phone Number");

phoneNum=sc.next();

System.out.println("enter MobileId");

mobileId=sc.nextInt();

as.insertCusPurDetails(purchaseId, cname, mailId, phoneNum , mobileId);

break;

case 2: System.out.println("please enter Range of the mobile price You want");

int range=sc.nextInt();

as.searchById(range);

break;

case 3: System.out.println("please enter the mobileId u want to delete");

int id=sc.nextInt();

as.deleteMobileId(id);

break;

case 4:System.out.println("Mobile Details are as follows");

List<MobileDetails> m=as.view();

for(int i=0;i<m.size();i++)

System.out.println(m.get(i).toString());

break;

default: System.out.println("please give a valid operation");

}

/\*= sc.nextInt();

//Date purchaseDate = a.getCurrentDate();

int mobileId = sc.nextInt();\*/

//as.insertCusPurDetails(purchaseId, cname, mailId, phoneNum , mobileId);

//as.searchById(1001);

// System.out.println("please enter Range of the mobile price You want");

// int range=sc.nextInt();

// as.searchById(range);

//as.deleteMobileId(1001);

// List<MobileDetails> m=as.view();

// for(int i=0;i<m.size();i++)

// System.out.println(m.get(i).toString());

//sc.close();

}

}

package com.mobile.DTO;

import java.time.LocalDate;

public class PurchaseDetails {

int purchaseId;

String cname,mailId,phno;

double mobileId;

LocalDate purchaseDate;

public PurchaseDetails(int purchaseId, String cname, String mailId, String phno, LocalDate purchaseDate,

double mobileId) {

super();

this.purchaseId = purchaseId;

this.cname = cname;

this.mailId = mailId;

this.phno = phno;

this.purchaseDate = purchaseDate;

this.mobileId = mobileId;

}

public int getPurchaseId() {

return purchaseId;

}

public void setPurchaseId(int purchaseId) {

this.purchaseId = purchaseId;

}

public String getCname() {

return cname;

}

public void setCname(String cename) {

this.cname = cname;

}

public String getMailId() {

return mailId;

}

public void setMailId(String mailId) {

this.mailId = mailId;

}

public String getPhno() {

return phno;

}

public void setPhno(String phno) {

this.phno = phno;

}

public double getMobileId() {

return mobileId;

}

public void setMobileId(double mobileId) {

this.mobileId = mobileId;

}

public LocalDate getPurchaseDate() {

return purchaseDate;

}

public void setPurchaseDate(LocalDate purchaseDate) {

this.purchaseDate = purchaseDate;

}

}