/\*

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\*/

package com.database;

import java.awt.image.BufferedImage;

import java.io.File;

import java.io.FileOutputStream;

import java.io.FileWriter;

import java.io.IOException;

import java.io.InputStream;

import java.sql.Blob;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.sql.Timestamp;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.Iterator;

import java.util.List;

import javax.imageio.ImageIO;

import javax.swing.JOptionPane;

import com.beans.AuditModel;

import com.beans.DocumentModel;

import com.beans.FollowerModel;

import com.beans.LogData;

import com.beans.MPAModel;

import com.beans.UserModel;

import com.constant.ServerConstants;

import helper.DBUtils;

public class ConnectionManager extends DBUtils {

public static HashMap hm = null;

public static ArrayList al = null;

public static FileWriter writer = null;

public static Connection getDBConnection() {

Connection conn = null;

try {

Class.forName(ServerConstants.db\_driver);

conn = DriverManager.getConnection(ServerConstants.db\_url,

ServerConstants.db\_user, ServerConstants.db\_pwd);

System.out.println("Got Connection");

} catch (SQLException ex) {

ex.printStackTrace();

JOptionPane.showMessageDialog(

null,

"Please start the mysql Service from XAMPP Console.\n"

+ ex.getMessage());

} catch (ClassNotFoundException e) {

e.printStackTrace();

}

return conn;

}

public static void addToLog(String logEntry) {

String time = new Timestamp(new java.util.Date().getTime()).toString();

String sql = "insert into logdata (ldata, ltime) values(?,?)";

DBUtils.executeUpdate(sql, logEntry, time);

}

public static List getLogs() {

return getBeanList(LogData.class, "select \* from logdata;");

}

/\*

\* public static String decrypt(HashMap parameters) {

\* System.out.println(parameters); String success = ""; String cipherText =

\* StringHelper.n2s(parameters.get("cip")); String uid =

\* StringHelper.n2s(parameters.get("uid")); String query2 = "SELECT \* FROM

\* `useraccount` where uid='"+uid+"';"; ArrayList user = (ArrayList)

\* getBeanList(UserModel.class,query2); UserModel obj = (UserModel)

\* user.get(0); String privKey = obj.getPrivatekey();

\* System.out.println(cipherText); System.out.println(privKey); success =

\* RSAUtils.decrypt(cipherText, privKey); System.out.println("Decrypted key

\* ::"+success); return success;

}

\*/

public static boolean executeUpdate(String query) {

boolean success = false;

int ret = -1;

try {

System.out.println(query);

Connection conn = ConnectionManager.getDBConnection();

Statement stmt = conn.createStatement();

ret = stmt.executeUpdate(query);

if (ret > 0) {

success = true;

}

conn.close();

} catch (Exception e) {

e.printStackTrace();

// TODO: handle exception

}

return success;

}

public static void closeConnection(Connection conn) {

try {

conn.close();

} catch (Exception ex) {

ex.printStackTrace();

}

}

public static BufferedImage getImage(String sql) {

BufferedImage bi = null;

Connection con = null;

try {

con = getDBConnection();

Statement stmt = con.createStatement();

ResultSet rs = stmt.executeQuery(sql);

if (rs.next()) {

Blob b = rs.getBlob(1);

InputStream is = b.getBinaryStream();

try {

bi = ImageIO.read(is);

} catch (IOException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} finally {

if (con != null) {

try {

con.close();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

return bi;

}

public static UserModel checkLogin(String uname, String password) {

// String userNameId = StringHelper.n2s(parameters.get("uname"));

// String pass = StringHelper.n2s(parameters.get("password"));

String query = "SELECT \* FROM useraccount where uname like '"+uname+"' and password like '"+password+"'";

UserModel um = null;

List list = helper.DBUtils.getBeanList(UserModel.class, query);

if (list.size() > 0) {

um = (UserModel) list.get(0);

// addToLog("User "+um.getUid()+" logged into the system.");

}

return um;

}

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

// getDBConnection();

getDBConnection();

// getDbDetails("oracle");

// ArrayList list = new ArrayList();

// list.add("abn");

// list.add(1);

// System.out.println(list.get(0)+"\*\*\*"+list.get(1));

//

}

}