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\*/

package dao;

/\*\*

\*

\* @author TGDD

\*/

import model.ChucVu;

import util.DBConnection;

import java.sql.\*;

import java.util.ArrayList;

import java.util.List;

public class ChucVuDAO {

public static List<ChucVu> getAllChucVu() {

List<ChucVu> list = new ArrayList<>();

String sql = "SELECT \* FROM ChucVu";

try (Connection conn = DBConnection.getConnection();

PreparedStatement ps = conn.prepareStatement(sql);

ResultSet rs = ps.executeQuery()) {

while (rs.next()) {

ChucVu cv = new ChucVu();

cv.setChucVuID(rs.getInt("ChucVuID"));

cv.setTenCV(rs.getString("TenCV"));

cv.setHeSoLuong(rs.getDouble("HeSoLuong"));

list.add(cv);

}

} catch (Exception e) {

System.out.println("Lỗi lấy danh sách chức vụ: " + e.getMessage());

}

return list;

}

}

**package dao;**

**import model.NhanVien;**

**import util.DBConnection;**

**import java.sql.\*;**

**import java.util.ArrayList;**

**import java.util.List;**

**public class NhanVienDAO {**

**// Lấy danh sách tất cả nhân viên**

**public static List<NhanVien> getAllNhanVien() {**

**List<NhanVien> list = new ArrayList<>();**

**String sql = "SELECT \* FROM NhanVien";**

**try (Connection conn = DBConnection.getConnection();**

**PreparedStatement ps = conn.prepareStatement(sql);**

**ResultSet rs = ps.executeQuery()) {**

**while (rs.next()) {**

**NhanVien nv = new NhanVien();**

**nv.setMaNV(rs.getString("MaNV"));**

**nv.setHo(rs.getString("Ho"));**

**nv.setTen(rs.getString("Ten"));**

**nv.setGioiTinh(rs.getString("GioiTinh"));**

**nv.setSdt(rs.getString("SDT"));**

**nv.setNgayVaoLam(rs.getDate("NgayVaoLam"));**

**nv.setChucVuID(rs.getInt("ChucVuID"));**

**nv.setPhongBanID(rs.getInt("PhongBanID"));**

**list.add(nv);**

**}**

**} catch (Exception e) {**

**System.out.println("Lỗi lấy danh sách nhân viên: " + e.getMessage());**

**}**

**return list;**

**}**

**// Thêm nhân viên**

**public static boolean themNhanVien(NhanVien nv) {**

**String sql = "INSERT INTO NhanVien (MaNV, Ho, Ten, GioiTinh, SDT, NgayVaoLam, ChucVuID, PhongBanID) VALUES (?, ?, ?, ?, ?, ?, ?, ?)";**

**try (Connection conn = DBConnection.getConnection();**

**PreparedStatement ps = conn.prepareStatement(sql)) {**

**ps.setString(1, nv.getMaNV());**

**ps.setString(2, nv.getHo());**

**ps.setString(3, nv.getTen());**

**ps.setString(4, nv.getGioiTinh());**

**ps.setString(5, nv.getSdt());**

**ps.setDate(6, new java.sql.Date(nv.getNgayVaoLam().getTime()));**

**ps.setInt(7, nv.getChucVuID());**

**ps.setInt(8, nv.getPhongBanID());**

**return ps.executeUpdate() > 0;**

**} catch (Exception e) {**

**System.out.println("Lỗi thêm nhân viên: " + e.getMessage());**

**return false;**

**}**

**}**

**// Sửa nhân viên**

**public static boolean capNhatNhanVien(NhanVien nv) {**

**String sql = "UPDATE NhanVien SET Ho=?, Ten=?, GioiTinh=?, SDT=?, NgayVaoLam=?, ChucVuID=?, PhongBanID=? WHERE MaNV=?";**

**try (Connection conn = DBConnection.getConnection();**

**PreparedStatement ps = conn.prepareStatement(sql)) {**

**ps.setString(1, nv.getHo());**

**ps.setString(2, nv.getTen());**

**ps.setString(3, nv.getGioiTinh());**

**ps.setString(4, nv.getSdt());**

**ps.setDate(5, new java.sql.Date(nv.getNgayVaoLam().getTime()));**

**ps.setInt(6, nv.getChucVuID());**

**ps.setInt(7, nv.getPhongBanID());**

**ps.setString(8, nv.getMaNV());**

**return ps.executeUpdate() > 0;**

**} catch (Exception e) {**

**System.out.println("Lỗi cập nhật nhân viên: " + e.getMessage());**

**return false;**

**}**

**}**

**// Xóa nhân viên**

**public static boolean xoaNhanVien(String maNV) {**

**String sql = "DELETE FROM NhanVien WHERE MaNV = ?";**

**try (Connection conn = DBConnection.getConnection();**

**PreparedStatement ps = conn.prepareStatement(sql)) {**

**ps.setString(1, maNV);**

**return ps.executeUpdate() > 0;**

**} catch (Exception e) {**

**System.out.println("Lỗi xóa nhân viên: " + e.getMessage());**

**return false;**

**}**

**}**

**// Tìm nhân viên theo mã**

**public static NhanVien timNhanVienTheoMa(String maNV) {**

**String sql = "SELECT \* FROM NhanVien WHERE MaNV = ?";**

**NhanVien nv = null;**

**try (Connection conn = DBConnection.getConnection();**

**PreparedStatement ps = conn.prepareStatement(sql)) {**

**ps.setString(1, maNV);**

**try (ResultSet rs = ps.executeQuery()) {**

**if (rs.next()) {**

**nv = new NhanVien();**

**nv.setMaNV(rs.getString("MaNV"));**

**nv.setHo(rs.getString("Ho"));**

**nv.setTen(rs.getString("Ten"));**

**nv.setGioiTinh(rs.getString("GioiTinh"));**

**nv.setSdt(rs.getString("SDT"));**

**nv.setNgayVaoLam(rs.getDate("NgayVaoLam"));**

**nv.setChucVuID(rs.getInt("ChucVuID"));**

**nv.setPhongBanID(rs.getInt("PhongBanID"));**

**}**

**}**

**} catch (Exception e) {**

**System.out.println("Lỗi tìm nhân viên: " + e.getMessage());**

**}**

**return nv;**

**}**

**}**

**/\***

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**\*/**

**package dao;**

**/\*\***

**\***

**\* @author TGDD**

**\*/**

**import model.PhongBan;**

**import util.DBConnection;**

**import java.sql.\*;**

**import java.util.ArrayList;**

**import java.util.List;**

**public class PhongBanDAO {**

**public static List<PhongBan> getAllPhongBan() {**

**List<PhongBan> list = new ArrayList<>();**

**String sql = "SELECT \* FROM PhongBan";**

**try (Connection conn = DBConnection.getConnection();**

**PreparedStatement ps = conn.prepareStatement(sql);**

**ResultSet rs = ps.executeQuery()) {**

**while (rs.next()) {**

**PhongBan pb = new PhongBan();**

**pb.setPhongBanID(rs.getInt("PhongBanID"));**

**pb.setTenPB(rs.getString("TenPB"));**

**list.add(pb);**

**}**

**} catch (Exception e) {**

**System.out.println("Lỗi lấy danh sách phòng ban: " + e.getMessage());**

**}**

**return list;**

**}**

**}**

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\*/

package model;

/\*\*

\*

\* @author TGDD

\*/

public class ChucVu {

private int chucVuID;

private String tenCV;

private double heSoLuong;

// Getter & Setter

public int getChucVuID() {

return chucVuID;

}

public void setChucVuID(int chucVuID) {

this.chucVuID = chucVuID;

}

public String getTenCV() {

return tenCV;

}

public void setTenCV(String tenCV) {

this.tenCV = tenCV;

}

public double getHeSoLuong() {

return heSoLuong;

}

public void setHeSoLuong(double heSoLuong) {

this.heSoLuong = heSoLuong;

}

@Override

public String toString() {

return tenCV; // dùng để hiển thị trong JComboBox

}

}

/\*

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\*/

package model;

/\*\*

\*

\* @author TGDD

\*/

import java.util.Date;

public class NhanVien {

private String maNV;

private String ho;

private String ten;

private String gioiTinh;

private String sdt;

private Date ngayVaoLam;

private int chucVuID;

private int phongBanID;

// Getter & Setter

public String getMaNV() {

return maNV;

}

public void setMaNV(String maNV) {

this.maNV = maNV;

}

public String getHo() {

return ho;

}

public void setHo(String ho) {

this.ho = ho;

}

public String getTen() {

return ten;

}

public void setTen(String ten) {

this.ten = ten;

}

public String getGioiTinh() {

return gioiTinh;

}

public void setGioiTinh(String gioiTinh) {

this.gioiTinh = gioiTinh;

}

public String getSdt() {

return sdt;

}

public void setSdt(String sdt) {

this.sdt = sdt;

}

public Date getNgayVaoLam() {

return ngayVaoLam;

}

public void setNgayVaoLam(Date ngayVaoLam) {

this.ngayVaoLam = ngayVaoLam;

}

public int getChucVuID() {

return chucVuID;

}

public void setChucVuID(int chucVuID) {

this.chucVuID = chucVuID;

}

public int getPhongBanID() {

return phongBanID;

}

public void setPhongBanID(int phongBanID) {

this.phongBanID = phongBanID;

}

}

**/\***

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**\*/**

**package model;**

**/\*\***

**\***

**\* @author TGDD**

**\*/**

**public class PhongBan {**

**private int phongBanID;**

**private String tenPB;**

**// Getter & Setter**

**public int getPhongBanID() {**

**return phongBanID;**

**}**

**public void setPhongBanID(int phongBanID) {**

**this.phongBanID = phongBanID;**

**}**

**public String getTenPB() {**

**return tenPB;**

**}**

**public void setTenPB(String tenPB) {**

**this.tenPB = tenPB;**

**}**

**@Override**

**public String toString() {**

**return tenPB; // dùng để hiển thị trong JComboBox**

**}**

**}**

**/\***

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**\*/**

**package util;**

**/\*\***

**\***

**\* @author TGDD**

**\*/**

**import java.sql.Connection;**

**import java.sql.DriverManager;**

**public class DBConnection {**

**private static final String URL = "jdbc:mysql://localhost:3306/quanlynhansu"; // tên CSDL bạn đã tạo**

**private static final String USER = "root";**

**private static final String PASSWORD = ""; // nếu bạn đặt mật khẩu thì điền vào**

**public static Connection getConnection() {**

**Connection conn = null;**

**try {**

**Class.forName("com.mysql.cj.jdbc.Driver"); // Driver cho MySQL 8.x**

**conn = DriverManager.getConnection(URL, USER, PASSWORD);**

**} catch (Exception e) {**

**System.out.println("Lỗi kết nối: " + e.getMessage());**

**}**

**return conn;**

**}**

**}**