package com.zumba.dao;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.util.ArrayList;

import java.util.List;

import com.zumba.bean.Event;

import com.zumba.bean.Member;

import com.zumba.resource.DbConnection;

public class MemberDao {

public List<Member> viewAllMember() {

List<Member> listOfMember = new ArrayList<Member>();

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt = con.prepareStatement("select \* from member");

ResultSet rs1 = pstmt.executeQuery();

while(rs1.next()) {

Member nm = new Member();

nm.setMID(rs1.getInt("MID"));

nm.setF\_name(rs1.getString("f\_name"));

nm.setL\_name(rs1.getString("l\_name"));

nm.setEmail(rs1.getString("email"));

listOfMember.add(nm);

}

} catch (Exception e) {

System.err.println(e.toString());

}

return listOfMember;

}

public List<Member> viewMembersInEvent(int EID){

List<Member> membersInEvent = new ArrayList<Member>();

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt = con.prepareStatement("select \* from member inner join memberEvent on member.MID = memberEvent.MID where EID = (?) ");

pstmt.setInt(1, EID);

ResultSet rs2 = pstmt.executeQuery();

while(rs2.next()) {

Member nm = new Member();

nm.setMID(rs2.getInt("MID"));

nm.setF\_name(rs2.getString("f\_name"));

nm.setL\_name(rs2.getString("l\_name"));

nm.setEmail(rs2.getString("email"));

membersInEvent.add(nm);

}

} catch (Exception e) {

System.err.println(e.toString());

}

return membersInEvent;

}

public Member viewSpecificMember(int MID) {

Member currentSpecificMember = null;

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt = con.prepareStatement("select \* from Member where MID = (?)");

pstmt.setInt(1, MID);

ResultSet rs3 = pstmt.executeQuery();

while(rs3.next()) {

currentSpecificMember = new Member();

currentSpecificMember.setMID(rs3.getInt("MID"));

currentSpecificMember.setF\_name(rs3.getString("f\_name"));

currentSpecificMember.setL\_name(rs3.getString("l\_name"));

currentSpecificMember.setEmail(rs3.getString("email"));

}

} catch (Exception e) {

System.err.println(e.toString());

}

return currentSpecificMember;

}

public void addNewMember(Member newMember) {

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt = con.prepareStatement("insert into Member(f\_name, l\_name, email) values (?,?,?)");

pstmt.setString(1, newMember.getF\_name());

pstmt.setString(2, newMember.getL\_name());

pstmt.setString(3, newMember.getEmail());

int intResult = pstmt.executeUpdate();

System.out.println("Member Dao addNewMember=" +intResult);

}catch (Exception e) {

System.err.println(e.toString());

}

}

public void removeMember(Member member) {

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt1 = con.prepareStatement("delete from MemberEvent where MID = (?)");

PreparedStatement pstmt2 = con.prepareStatement("delete from Member where MID = (?)");

pstmt1.setInt(1,member.getMID());

pstmt2.setInt(1,member.getMID());

int intResult1 = pstmt1.executeUpdate();

int intResult2 = pstmt2.executeUpdate();

}catch (Exception e) {

System.err.println(e.toString());

}

}

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PreparedStatement pstmt = con.prepareStatement("select \* from member");

ResultSet rs1 = pstmt.executeQuery();

while(rs1.next()) {

Member nm = new Member();

nm.setMID(rs1.getInt("MID"));

nm.setF\_name(rs1.getString("f\_name"));

nm.setL\_name(rs1.getString("l\_name"));

nm.setEmail(rs1.getString("email"));

listOfMember.add(nm);

}

} catch (Exception e) {

System.err.println(e.toString());

}

return listOfMember;

}

public List<Member> viewMembersInEvent(int EID){

List<Member> membersInEvent = new ArrayList<Member>();

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt = con.prepareStatement("select \* from member inner join memberEvent on member.MID = memberEvent.MID where EID = (?) ");

pstmt.setInt(1, EID);

ResultSet rs2 = pstmt.executeQuery();

while(rs2.next()) {

Member nm = new Member();

nm.setMID(rs2.getInt("MID"));

nm.setF\_name(rs2.getString("f\_name"));

nm.setL\_name(rs2.getString("l\_name"));

nm.setEmail(rs2.getString("email"));

membersInEvent.add(nm);

}

} catch (Exception e) {

System.err.println(e.toString());

}

return membersInEvent;

}

public Member viewSpecificMember(int MID) {

Member currentSpecificMember = null;

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt = con.prepareStatement("select \* from Member where MID = (?)");

pstmt.setInt(1, MID);

ResultSet rs3 = pstmt.executeQuery();

while(rs3.next()) {

currentSpecificMember = new Member();

currentSpecificMember.setMID(rs3.getInt("MID"));

currentSpecificMember.setF\_name(rs3.getString("f\_name"));

currentSpecificMember.setL\_name(rs3.getString("l\_name"));

currentSpecificMember.setEmail(rs3.getString("email"));

}

} catch (Exception e) {

System.err.println(e.toString());

}

return currentSpecificMember;

}

public void addNewMember(Member newMember) {

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt = con.prepareStatement("insert into Member(f\_name, l\_name, email) values (?,?,?)");

pstmt.setString(1, newMember.getF\_name());

pstmt.setString(2, newMember.getL\_name());

pstmt.setString(3, newMember.getEmail());

int intResult = pstmt.executeUpdate();

System.out.println("Member Dao addNewMember=" +intResult);

}catch (Exception e) {

System.err.println(e.toString());

}

}

public void removeMember(Member member) {

try {

Connection con = DbConnection.getDbConnection();

PreparedStatement pstmt1 = con.prepareStatement("delete from MemberEvent where MID = (?)");

PreparedStatement pstmt2 = con.prepareStatement("delete from Member where MID = (?)");

pstmt1.setInt(1,member.getMID());

pstmt2.setInt(1,member.getMID());

int intResult1 = pstmt1.executeUpdate();

int intResult2 = pstmt2.executeUpdate();

}catch (Exception e) {

System.err.println(e.toString());

}

}

}