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package com.chiru;

import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Servlet implementation class confirmSIP
 */
public class confirmSIP extends HttpServlet {
    private static final long serialVersionUID = 1L;

    public void doPost(HttpServletRequest request, HttpServletResponse response) throws
    ServletException, IOException {

        Connection con = null;
        try {
            Class.forName("com.ibm.db2.jcc.DB2Driver");
            con = DriverManager.getConnection(
                "jdbc:db2://db2serv01.cs.stonybrook.edu:50000/teamdb61:retrieveMessagesFromServerOnGe
                tMessage=true;", "cseteam61", "Balawat61");

        } catch (Exception e1) {
            // TODO Auto-generated catch block
            e1.printStackTrace();
        }

        String user = (String) request.getSession().getAttribute("curr_user");
        String sips[] = request.getParameterValues("invite");
        String sql = "insert into CSETEAM61.SIPMEMBER values (?, ?)";
        String sql1 = "select count(*) from CSETEAM61.SIPREQUEST where SIPID = ? and USERID = ?";
        String sql3 = "delete from CSETEAM61.SIPREQUEST where SIPID = ? and USERID = ?";
        String sql4 = "delete from CSETEAM61.SIPINVITE where SIPID = ? and USERID = ?";
        String sql2 = "select count(*) from CSETEAM61.SIPMEMBER where SIPID = ? and USERID = ?";
        int delete = 0;
        int add = 0;
        ResultSet rs = null;
        PreparedStatement ps = null;
        for(int i = 0; i< sips.length;i++){
            try {
                ps = con.prepareStatement(sql1);
                ps.setString(1, sips[i]);
                ps.setString(2, user);
            }

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rs = ps.executeQuery();
rs.next();
if(Integer.parseInt(rs.getString(1))==1){

    ps = con.prepareStatement(sql3);
    ps.setString(1, sips[i]);
    ps.setString(2, user);
    delete = ps.executeUpdate();
    if(delete!=0)
        System.out.println(user + " had also requested to be added to " + sips[i]
            ] + " now deleted th request since a member");
}

ps = con.prepareStatement(sql2);
ps.setString(1, sips[i]);
ps.setString(2, user);
rs = ps.executeQuery();
rs.next();
if(Integer.parseInt(rs.getString(1))==1){
    System.out.println(user+" already a member");
}
else{
    ps = con.prepareStatement(sql);
    ps.setString(1, sips[i]);
    ps.setString(2, user);
    add = ps.executeUpdate();
    if(add!=0){
        System.out.println(user + " successfully added to " +sips[i]);
    }
    ps = con.prepareStatement(sql4);
    ps.setString(1, sips[i]);
    ps.setString(2, user);
    delete = ps.executeUpdate();
    if(delete!=0)
        System.out.println(user+"'s invite deleted as he/she is now a member");
}

}

catch (SQLException e) {

    e.printStackTrace();
}

}

try {
    rs.close();
    con.close();
} catch (SQLException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}

```

```
RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher (
    "/home.jsp");
requestDispatcher.forward(request,response);

}

}
```