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

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    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 sipreq = request.getParameter("sipname");
        int success;
        String sql = "Insert into CSETEAM61.SIPREQUEST values (?,?)";
        String checkQuery1 = "select count(*) from CSETEAM61.SIPMEMBER where SIPID = ? and
        USERID = ?";
        String checkQuery2 = "select count(*) from CSETEAM61.SIPREQUEST where SIPID = ? and
        USERID = ?";
        ResultSet rs = null;
        PreparedStatement ps = null;

        try {
            ps = con.prepareStatement(checkQuery1);

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ps.setString(1, sipreq);
ps.setString(2, user);

rs = ps.executeQuery();
rs.next();
int temp = Integer.parseInt(rs.getString(1));

ps = con.prepareStatement(checkQuery2);
ps.setString(1, sipreq);
ps.setString(2, user);

rs = ps.executeQuery();
rs.next();
temp |= Integer.parseInt(rs.getString(1));

if(temp==1){
    System.out.println(user + " already a member/ already has submitted a request");
}
else{
    ps = con.prepareStatement(sql);
    ps.setString(1, sipreq);
    ps.setString(2, user);
    success = ps.executeUpdate();

    if(success!=0){
        System.out.println(user + " successfully added to request list of "+ sipreq);
    }
}

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

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

}

}
```