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

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected 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[] chosen = (String[]) request.getSession().getAttribute("uidList");
        String chosenSip = request.getParameter("sip");
        System.out.println(chosenSip);
        String checkQuery1 = "select count(*) from CSETEAM61.SIPMEMBER where SIPID = ? and
        USERID = ?";
        String checkQuery2 = "select count(*) from CSETEAM61.SIPINVITE where SIPID = ? and
        USERID = ?";
        String insertQuery = "insert into CSETEAM61.SIPINVITE values (?, ?)";
        ResultSet rs = null;
        PreparedStatement ps = null;
        int j = 1;
        for(int i = 0; i<chosen.length;i++){

            try {

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ps = con.prepareStatement(checkQuery1);
ps.setString(1, chosenSip);
ps.setString(2, chosen[i]);

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

ps = con.prepareStatement(checkQuery2);
ps.setString(1, chosenSip);
ps.setString(2, chosen[i]);

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

if(temp==1){
    System.out.println(chosen[i] + " already a member/ already has been invited"
    );
}
else{
    ps = con.prepareStatement(insertQuery);
    ps.setString(1, chosenSip);
    ps.setString(2, chosen[i]);
    j &= ps.executeUpdate();
    if(j!=0)
        System.out.println("successfully added " + chosen[i]);

}

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

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

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}

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}

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