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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 manageRequests
 */
public class manageRequests 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 sql = "select distinct SIPID from CSETEAM61.SIPREQUEST where SIPID in (select
        SIPID from CSETEAM61.SIPMODERATOR where USERID = ?)";
        String sql1 = "select count(distinct SIPID) from CSETEAM61.SIPREQUEST where SIPID in
        (select SIPID from CSETEAM61.SIPMODERATOR where USERID = ?)";

        String user = (String) request.getSession().getAttribute("curr_user");
        String checkQuery = "select count(SIPID) from CSETEAM61.SIPMODERATOR where USERID = ?";

        ResultSet rs = null;
        try {
            PreparedStatement ps = con.prepareStatement(checkQuery);
            ps.setString(1, user);
            rs = ps.executeQuery();
            rs.next();

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int count = Integer.parseInt(rs.getString(1));

if(count==0){
    System.out.println(user + " you are not a moderator of any SIP");
    RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher (
        "/home.jsp");
    requestDispatcher.forward(request,response);
}
else{

    ps = con.prepareStatement(sql1);
    ps.setString(1, user);
    rs = ps.executeQuery();
    rs.next();
    count = Integer.parseInt(rs.getString(1));

    ps = con.prepareStatement(sql);
    ps.setString(1, user);
    rs = ps.executeQuery();
    String reqsips[] = new String[count];
    int i = 0;
    while(rs.next()){

        reqsips[i] = rs.getString(1);
        i++;
    }

    request.getSession().setAttribute("the_reqSIP", reqsips);
    RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher (
        "/reqManage.jsp");
    requestDispatcher.forward(request,response);
}
} catch (SQLException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}
finally{
    try {
        rs.close();
        con.close();
    } catch (SQLException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
}
}
}
```