

```
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 java.util.ArrayList;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
//import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

@WebServlet("/LoginServlet")
public class LoginServlet 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 username = request.getParameter("username");
        String password = request.getParameter("password");
        String sql = "Select * from CSETEAM61.LOGININFO where USERID = ? and PASSWORD = ?";
        Boolean login = false;
        ResultSet rs = null;
        try {
            PreparedStatement ps = con.prepareStatement(sql);
            ps.setString(1, username);
            ps.setString(2, password);
            rs = ps.executeQuery();
            login = rs.next();
            rs.close();
        } catch (SQLException e) {
```

```
e.printStackTrace();
}

if(login){
    System.out.println("success");
    ResultSet rs1 = null;
    ResultSet rs2 = null;

    String cfriend = "select count(*) from (select FIRSTNAME, LASTNAME FROM
CSETEAM61.USERS WHERE USERID IN (select FRIENDID from CSETEAM61.FRIEND where USERID
= ?))";
    String friend = "select FIRSTNAME, LASTNAME FROM CSETEAM61.USERS WHERE USERID IN
(select FRIENDID from CSETEAM61.FRIEND where USERID = ?)";
    String creq = "select count(*) from (select FIRSTNAME, LASTNAME FROM
CSETEAM61.USERS WHERE USERID IN (select FRIENDID from CSETEAM61.FRIENDREQ where
USERID = ?))";
    String req = "select FIRSTNAME, LASTNAME FROM CSETEAM61.USERS WHERE USERID IN
(select FRIENDID from CSETEAM61.FRIENDREQ where USERID = ?)";
    try {

        PreparedStatement fr = con.prepareStatement(cfriend);
        PreparedStatement re = con.prepareStatement(creq);
        fr.setString(1, username);
        re.setString(1, username);
        rs1 = fr.executeQuery();
        rs2 = re.executeQuery();
        rs1.next();
        int count1 = Integer.parseInt(rs1.getString(1));
        rs2.next();
        int count2 = Integer.parseInt(rs1.getString(1));

        int i = 0;

        if(count1!=0){

            String names [] = new String[count1];
            fr = con.prepareStatement(friend);
            fr.setString(1, username);
            rs1 = fr.executeQuery();
            while (rs1.next()){

                names[i] = rs1.getString(1) + " " + rs1.getString(2);
                i++;
            }
            request.getSession().setAttribute("friendList", names);
        }

        if(count2!=0){

            String fnames [] = new String[count2];
            re = con.prepareStatement(req);
            re.setString(1, username);
```

```
        rs2 = re.executeQuery();

        i = 0;
        while (rs2.next()){

            fnames[i] = rs2.getString(1) + " " + rs2.getString(2);
            i++;
        }
        request.getSession().setAttribute("requestList", fnames);
    }

    System.out.println("about to redirect");
    request.getSession().setAttribute("curr_user", username);

    if(username.substring(0, 5).equalsIgnoreCase("admin")){

        RequestDispatcher requestDispatcher = getServletContext().
            getRequestDispatcher("/admin.jsp");
        requestDispatcher.forward(request, response);
    }
    else{

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

}

catch (Exception e){

}

finally{
    try{
        rs1.close();
        rs2.close();
        con.close();
    }
    catch(SQLException e){
        e.printStackTrace();
    }
}

}

else{
    request.setAttribute("message", "unknown username/ password");
    response.sendRedirect("Login.jsp");
}

}
```

}