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

    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:retrieveMessagesFromServerOnGetMessage=true;", "cseteam61", "Balawat61");

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

        String user = (String) request.getSession().getAttribute("curr_user");

        String sql1 = "select count(*) from (select MESSAGEID, DATETIME, SUBJECT, CONTENT, SENDER from CSETEAM61.UMESSAGES where MESSAGEID in (select MESSAGEID from CSETEAM61.MSGRECEIVER where RECEIVER = ?))";
        String sql = "select MESSAGEID, DATETIME, SUBJECT, CONTENT, SENDER from CSETEAM61.UMESSAGES where MESSAGEID in (select MESSAGEID from CSETEAM61.MSGRECEIVER where RECEIVER = ?)";
        ResultSet rs = null;

        try {
            PreparedStatement ps = con.prepareStatement(sql1);
            ps.setString(1, user);
            rs = ps.executeQuery();
            rs.next();

            int size = Integer.parseInt(rs.getString(1));
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String[] id = new String[size];
String[] date = new String[size];
String[] subject = new String[size];
String[] content = new String[size];
String[] senderid = new String[size];

ps = con.prepareStatement(sql);
ps.setString(1, user);
rs = ps.executeQuery();
int i = 0;
while(rs.next()){

    id[i] = rs.getString(1);

    date[i] = rs.getString(2);

    subject[i] = rs.getString(3);

    content[i] = rs.getString(4);

    senderid[i] = rs.getString(5);

    i++;
}

request.getSession().setAttribute("mid", id);
request.getSession().setAttribute("date", date);
request.getSession().setAttribute("sub", subject);
request.getSession().setAttribute("con", content);
request.getSession().setAttribute("uid", senderid);

RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher(
"/message.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();
    }
}

}
```

}