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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 java.text.SimpleDateFormat;
import java.util.Calendar;

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 makePost
 */
public class makePost 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 monamis[] = (String[]) request.getSession().getAttribute("friendList");
        String content = request.getParameter("content");

        String pageid = "select PAGEID from CSETEAM61.USERTOPAGE where USERID = ?";
        String insQ = "insert into CSETEAM61.POSTS values ( ? , ? , ? , ? , ? )";
        String amiwall = "insert into CSETEAM61.WALL values ( ? , ? , ? , ? )";
        String cinsQ = "select max(POSTID) from CSETEAM61.POSTS";
        String userfr = "select USERID from CSETEAM61.USERS where FIRSTNAME = ? and LASTNAME =
        ?";
        Calendar currentDate = Calendar.getInstance();

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SimpleDateFormat formatter = new SimpleDateFormat("yyyy-MM-dd");
String dateNow = formatter.format(currentDate.getTime());
ResultSet rs = null;
PreparedStatement ps = null;

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

    String temp = rs.getString(1);

    ps = con.prepareStatement(cinsQ);
    rs = ps.executeQuery();
    rs.next();
    int count;

    if(rs.getString(1)==(null))
        count = 1;
    else
        count = Integer.parseInt(rs.getString(1)) + 1;

    ps = con.prepareStatement(insQ);
    ps.setString(1, Integer.toString(count));
    ps.setString(2, dateNow);
    ps.setString(3, content);
    ps.setString(4, user);
    ps.setString(5, temp);

    int success = ps.executeUpdate();

    for(int i = 0; i<monamis.length;i++){

        ps = con.prepareStatement(userfr);
        ps.setString(1, monamis[i].split(" ")[0]);
        ps.setString(2, monamis[i].split(" ")[1]);
        rs = ps.executeQuery();
        rs.next();
        String friend = rs.getString(1);

        ps = con.prepareStatement(amiwall);
        ps.setString(1, Integer.toString(count));
        ps.setString(2, friend);
        ps.setString(3, dateNow);
        ps.setString(4, content);
        success &= ps.executeUpdate();

    }

    ps = con.prepareStatement(amiwall);
    ps.setString(1, Integer.toString(count));
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ps.setString(2, user);
ps.setString(3, dateNow);
ps.setString(4, content);
success &= ps.executeUpdate();

if(success!=0)
    System.out.println("post now visible to you and your friends");

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

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}
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}
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