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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 searchFriend
 */
public class searchFriend 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 name = request.getParameter("friendsearch");
        System.out.println(name);
        String sql = "select USERID from CSETEAM61.USERS where FIRSTNAME = ?";

        try {
            int i=0 ;
            PreparedStatement ps = con.prepareStatement(sql);
            ps.setString(1, name);
            ResultSet rs = ps.executeQuery();
            while(rs.next()){
                String sql1 = "insert into CSETEAM61.FRIENDREQ values (?,?)";
                ps = con.prepareStatement(sql1);
                ps.setString(1, rs.getString(1));
                ps.setString(2, (String) request.getSession().getAttribute("curr_user"));
            }
        }
    }
}

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        System.out.println(rs.getString(1));
        i = ps.executeUpdate();

    }

    if(i!=0){
        System.out.println("friend request sent");
        RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher (
            "/home.jsp");
        requestDispatcher.forward(request,response);
    }
    else{
        System.out.println("no such friend found");
        RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher (
            "/home.jsp");
        requestDispatcher.forward(request,response);
    }
    rs.close();
    ps.close();
    con.close();

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

}

}
```