

APPENDIX A

```
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;

import com.ibm.db2.jcc.b.SqlException;

/**
 * Servlet implementation class AddFriends
 */
public class AddFriends 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");
        System.out.println(user);
        String count = "select count(*) from (select CIRCLEID from CSETEAM61.CIRCLES where
        OWNER = ? order by CIRCLEID)";
        String sql = "select CIRCLEID from CSETEAM61.CIRCLES where OWNER = ?";

        ResultSet rs = null;
        ResultSet rs1 = null;
```

```
try {
    PreparedStatement ps = con.prepareStatement(sql);
    PreparedStatement ps1 = con.prepareStatement(count);
    ps.setString(1, user);
    ps1.setString(1, user);
    rs1 = ps1.executeQuery();
    rs1.next();
    int c = Integer.parseInt(rs1.getString(1));
    System.out.println(c);

    rs = ps.executeQuery();

    String Circles[] = new String[c];

    int i = 0;

    while(rs.next()){

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

        i++;
    }

    request.getSession().setAttribute("mycircles", Circles);
    RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher(
        "/AddFriends.jsp");
    requestDispatcher.forward(request, response);

}
catch (Exception e){
    e.printStackTrace();
}
finally{
    try{
        rs.close();
        con.close();

    }
    catch (SQLException e1){
        e1.printStackTrace();
    }
}

}

}
```