Code Review Checklist

Review Information:

Name of Reviewer: YangXiaoyu, QiuJin

Name of Coder: WangQingyun, WangHongdan

File(s) under review: User.java, ActList.jave, login.jsp,releaseact.jsp

Brief description of change being reviewed:

- 1. An function called getID() was added on the User.java file, which get the ID of the user by search the database.
- 2. An function called AddAct() was added on the ActList.java file, which insert a record of a new activity to the database.
- 3. Add the function that put the privilege of the user into the session in the login.jsp.
- 4. Add the function to release acts for the group in the releaseact.jsp.

Review Notes (problems or decisions):

 Problem: There are many common codes in the different functions of the ActList.java.

Decision: Extract the common codes into private variables.

```
String dbName="coci";
String tableName="act";
```

2. Problem: Some unnecessary codes still exists.

Decision: Delete them.

```
Connection connection = SqlString.connectSql();
Statement statement1=connection.createStatement();

/*statement1.executeUpdate("INSERT INTO act(name,creator_id,create_date) VALUES('2act',1,now())");
statement1.executeUpdate("INSERT INTO act(name,creator_id,create_date) VALUES('1act',2,now())");
statement1.executeUpdate("INSERT INTO act(name,creator_id,create_date) VALUES('3act',3,now())");
statement1.executeUpdate("INSERT INTO act(name,creator_id,create_date) VALUES('4act',4,now())");

String sql="SELECT * FROM "+tableName+ dbName;
ResultSet resultSet = statement1.executeQuery(sql);
```

3. Problem: The comments are not enough to understand.

Decision: Add more comments.

 Problem: The actmanage.jsp does not check whether the user has logged in, if the user does not log in and click the actmanagement button,it causes error.

Decision: Add checks about whether the user has logged in.



5. Problem: It is not user-friendly to make user input all the information in the releaseact.jsp.

Decision: Change the input to time-selecting box.



6. Problem: No checking about whether the title is null in the releaseact.jsp.

Decision: Add checks about whether the title is null.

7. Problem: No exception handling when the user input is null in the releaseact.jsp.

Decision: Add exception handling such as an alert error window.

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<
http://192.168.175.1:8080/COCI/result.jsp
HTTP Status 500 -
type Exception report
message
description The server encountered an internal error () that prevented it from fulfilling this request.
org.apache.jasper.JasperException: An exception occurred processing JSP page /result.jsp at line 124
121:
           <div class="content">
122:
123: <% String title = request.getParameter("title");</pre>
124: String content= request.getParameter("EditorDefault");
125: String place = request.getParameter("place");
126: String acturl = request.getParameter("acturl");
127: int y1 = Integer.parseInt(request.getParameter("y1"));
Stacktrace:
            org.apache.jasper.servlet.JspServletWrapper.handleJspException(JspServletWrapper.java:524)
            org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:435)
            org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:320)
            org.apache.jasper.servlet.JspServlet.service(JspServlet.java:266)
            javax.servlet.http.HttpServlet.service(HttpServlet.java:803)
```

SVN Versions (if applicable):

Before review: COCI5-11-9

After revisions:COCI6-11-14