Code Review Checklist

Review Information:

Name of Reviewer: WangQingyun, ChenDishi

Name of Coder: QiuJin

File(s) under review: Student.java, Activity.java, actdetail.jsp, actlista.jsp,

focushandler.jsp

Brief description of change being reviewed:

1. A constructor function with the parameter ID was added on the Activity.java file.

2. A function called judgeFocus() was added on the Student.java file, which return whether there is a relationship between a student and an activity.

3. Add a function called Focus() which is used to build a relation between a student and an activity or break the relation.

4. Modify actlista.jsp to list all the activities by lines and lead to the detail of each activity by clicking.

5. Add a focushandler.jsp to handle the focus operation.

Review Notes (problems or decisions):

1. Problem: Some unnecessary variables were used .

   Decision: Delete them.

```java
        String s;
            if(resultSet.next()) {
                resultSet.close();
                 statement1.close();
                 connection.close();
                return s="delete the concern";
            }
            else{
                resultSet.close();
                 statement1.close();
                 connection.close();
                return  s="concern about it";
            }
```

2. Problem: Some functions and variables have bad names, which do not clearly

   express the meaning of functions and variables.

   For example, the function named Focus() is actually used to handle the

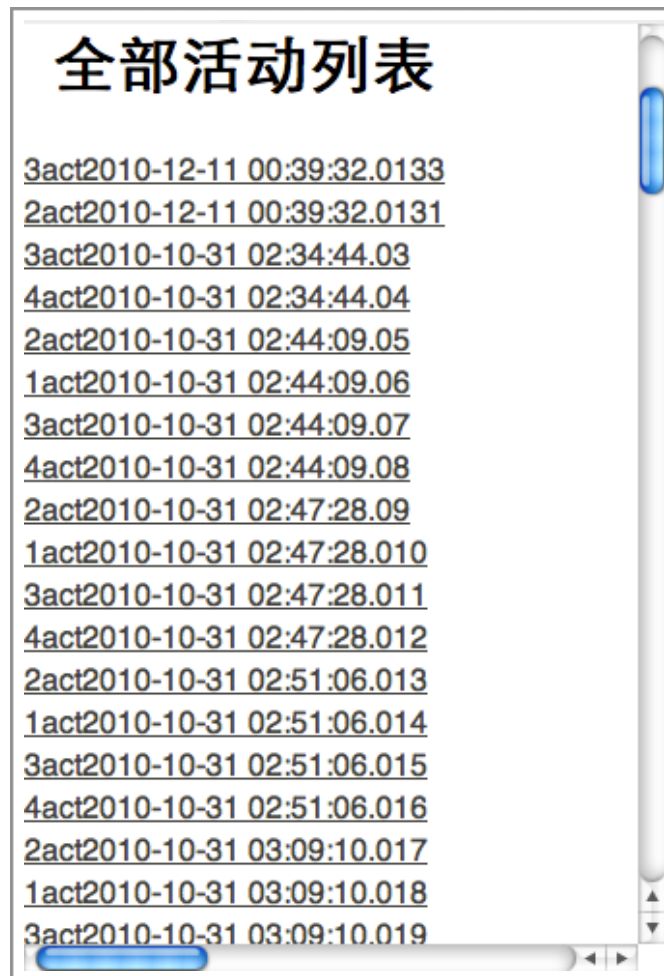   operation of focusing activities or deleting the focus.

   Another example, the variable k is confused too.

   Decision: Change to good names.

```java
public void Focus(int use_id,int ac_id,String k)throws ClassNotFoundException, SQLException
{
    Connection connection = SqlString.connectSql();
    java.sql.Statement statement1=connection.createStatement();
    if (k.equals("concern about it"))
    {
        String  sql = "INSERT INTO care(u_id,a_id) VALUES(?,?)";
        PreparedStatement Pstatement = connection.prepareStatement(sql);
        Pstatement.setInt(1,use_id);
        Pstatement.setInt(2,ac_id);
        Pstatement.executeUpdate();
        Pstatement.close();
    }
    if (k.equals("delete the concern")){
        String sql = "DELETE FROM care WHERE u_id= "+use_id+" AND a_id= "+ac_id;
        statement1.execute(sql);
    }
    statement1.close();
    connection.close();

}
```

3. Problem: The actlista.jsp has a long list of activities instead of presented by pages, which is not user-friendly.

Decision: Display the activities by pages.

全部活动列表

3act2010-12-11 00:39:32.0133
2act2010-12-11 00:39:32.0131
3act2010-10-31 02:34:44.03
4act2010-10-31 02:34:44.04
2act2010-10-31 02:44:09.05
1act2010-10-31 02:44:09.06
3act2010-10-31 02:44:09.07
4act2010-10-31 02:44:09.08
2act2010-10-31 02:47:28.09
1act2010-10-31 02:47:28.010
3act2010-10-31 02:47:28.011
4act2010-10-31 02:47:28.012
2act2010-10-31 02:51:06.013
1act2010-10-31 02:51:06.014
3act2010-10-31 02:51:06.015
4act2010-10-31 02:51:06.016
2act2010-10-31 03:09:10.017
1act2010-10-31 03:09:10.018
3act2010-10-31 03:09:10.019

4. Problem: The operation of focusing activities or deleting the focus are presented by a link with under-line, which is not obvious for user to recognize it.

Decision: Change the under-line link to a button.

首页	最新消息	查看活动	▼ 社团分类	活动管理

131
2act
2010-12-11 00:39:32.0
concern about it TextEditRegion

5. Problem: After user choose the operation of focusing or deleting the focus of an activity, it goes forward to a new page with only a return link on it. The page does not tell the user the result of operation and cannot return automatically.

Decision: Give a message of the operating result and go forward automatically.

SVN Versions (if applicable):

Before review: COCI6-11-14

After revisions:COCI7-11-19