

Code Review Checklist

Review Information:

Name of Reviewer: ChenDishi, WangHongdan

Name of Coder: WangQingyun, QiuJin

File(s) under review: Activity.java, ActList.java, Head.jsp, Foot.jsp

Brief description of change being reviewed:

1. The code of banner designed was added on the Head.jsp, the copyright was added on the Foot.jsp.
2. An constructor of Activity class was added on the Activity.java file in order to construct the Activity instance by the name, the id and the create date of an activity.
3. An function called AllActs() was added on the ActList.java file. It gets all the activities in the act table through the SQL query.

Review Notes (problems or decisions):

1. Problem: The banner has a poor design.

Decision: The banner should be designed by DreamWeaver to get a better interface. The coder should consider more about user-friendly UI. The review activities item should be changed to a dynamic drop-list implemented by JS.



2. Problem: The code in the AllActs() is redundant. The SQL connection and close now is written in every function using the database.

Decision: The SQL connection and close should be written in an independent class instead of being written in every function, so that we can call the class in everywhere we want it.

```
public ArrayList<Activity> AllActs() throws ClassNotFoundException, SQLException
{
    ArrayList<Activity> all = new ArrayList<Activity>();

    String dbName="coci";
    String tableName="user";
    Class.forName("com.mysql.jdbc.Driver");
    java.sql.Connection connection = java.sql.DriverManager.getConnection(
        "jdbc:mysql://localhost:3306/coci", "root", null);
    java.sql.Statement statement1=connection.createStatement();
```

3. Problem: The code of SQL operation is related to many static strings that based on different database setting. But now they are written everywhere, which is difficult to modify when it is passed to another coder.

Decision: The static strings should be written as an interface which can be easy to modify.

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SVN Versions (if applicable):

Before review: COCI2-10-28

After revisions: COCI3-11-1