

Code Inspection Defect Log

Product	QueryManager Module Inspection		
Date	9/10/2013		
Author	Yuxi Chen		
Moderator	Rendong Chen		
Inspectors	Pan Ma, Rendong Chen, Yilin Long, Zeying Guo		
Recorder (Secretary)	Yilin Long		
Defect #	Description	Severity	How Corrected
1	The constructor of Query Manager takes a "Connection" as a parameter. When database connection is not available, the "Connection" passed into the constructor is null. When that happens, the software could crash.	1	Added an if statement to check whether the connection was null.
2	In the method "printResultTable", the initial index in the printing loop is 0. However, the resultSet returned by the database starts from index 1. Accessing the resultSet at index 0 could cause the system to crash.	1	Changed the loop for printing to start from index 1.
3	In the method "printResultTable", in the loop for printing column names, each column name is printed by "println". All the column names should be on the same line. Using "println" generates multiple lines and could cause the output to be unclear.	3	Used "print" instead of "println" to print each column name and added one single "println" at the end.

Product	MainFrame Module Inspection		
Date	9/10/2013		
Author	Yuxi Chen		
Moderator	Rendong Chen		
Inspectors	Pan Ma, Rendong Chen, Yilin Long, Zeying Guo		
Recorder (Secretary)	Yilin Long		
Defect #	Description	Severity	How Corrected
1	The contestantID and judgeID variables for storing current session user information are public variables.	3	Changed them to private variables in MainFrame class and created corresponding setter and getter methods.
2	No default close operation is set to the frame so that the frame could never be closed.	1	Added default close operation.

Product	LoginScreen Module Inspection		
Date	9/10/2013		
Author	Yilin Long		
Moderator	Yuxi Chen		
Inspectors	Pan Ma, Rendong Chen, Yilin Long, Zeying Guo		

Recorder (Secretary)	Yilin Long		
Defect #	Description	Severity	How Corrected
1	The second time the user goes to this screen, the contents in the textfields remain the same as last time.	3	Set the textfields to empty when the user leaves the screen.
2	The radio button for specifying the role of the user is not used to identify user role when login.	1	Added corresponding handling when either judge or contestant was selected.
3	Password field is regular textfield.	2	Changed the type of password field from JTextField to JPasswordField.
4	After the user ID and password are verified, corresponding user info of current session is not stored.	1	Stored current user info once the user login is verified.
5	After the user ID and password are verified, there is no screen transition call to jump to corresponding menu screen.	1	Added a call to jump to corresponding menu screen.
6	In the query method for verifying contestant info, it looks at table Judge instead of Contestant.	1	Changed the query to look at table Contestant.

Product	CreateARoundScreen Module Inspection		
Date	9/11/2013		
Author	Yuxi Chen		
Moderator	Yuxi Chen		
Inspectors	Pan Ma, Rendong Chen, Yilin Long, Zeying Guo		
Recorder (Secretary)	Yilin Long		
Defect #	Description	Severity	How Corrected
1	The second time the user goes to this screen, the contents in the textfields remain the same as last time.	3	Set the textfields to empty when the user leaves the screen.
2	The name label and the name field occupy the same grid in GridLayout.	2	Changed the grid numbers to be the correct ones.
3	ActionListener for back button is not added to the button though it is implemented.	1	Added actionListener to the back button.
4	The year variable is read as a String but the query method asks for a interger.	2	Converted the year variable from String to integer.

Product	ModifyARoundScreen Module Inspection		
Date	9/11/2013		
Author	Yilin Long		
Moderator	Yuxi Chen		
Inspectors	Pan Ma, Rendong Chen, Yilin Long, Zeying Guo		
Recorder (Secretary)	Yilin Long		
Defect #	Description	Severity	How Corrected
1	The second time the user goes to this screen, the contents in the textfields and combo boxes remain the same as last time.	3	Set the textfields and combo boxes to empty when the user leaves the screen.

2	The combo box for choosing round name is never updated even though the round name list might change after a new round has been created.	2	Added a method called updateComboBox to deal with updating.
3	If the default empty round in the combo box is selected, clicking on the submit button will cause the system to crash.	1	Added an if statement to check whether the round being selected is empty.

Product	AssignContestantScreen Module Inspection		
Date	9/11/2013		
Author	Pan Ma		
Moderator	Yuxi Chen		
Inspectors	Pan Ma, Rendong Chen, Yilin Long, Zeying Guo		
Recorder (Secretary)	Yilin Long		
Defect #	Description	Severity	How Corrected
1	The second time the user goes to this screen, the contents in the combo boxes remain the same as last time.	3	Set the combo boxes to empty when the user leaves the screen.
2	If the default empty round in the combo box is selected, clicking on the submit button will cause the system to crash.	1	Added an if statement to check whether the round being selected is empty.
3	If the default empty contestant ID in the combo box is selected, clicking on the submit button will cause the system to crash.	1	Added an if statement to check whether the contestant ID being selected is empty.
4	The combo box for choosing contestant ID is never updated even though the contestant ID list might change.	2	Added a method called updateComboBox to deal with updating.

Product	CreateAnEvaluationScreen Module Inspection		
Date	9/11/2013		
Author	Zeying Guo		
Moderator	Yuxi Chen		
Inspectors	Pan Ma, Rendong Chen, Yilin Long, Zeying Guo		
Recorder (Secretary)	Zeying Guo		
Defect #	Description	Severity	How Corrected
1	The second time the user goes to this screen, the contents in the textfields and combo boxes remain the same as last time.	3	Set the textfields and combo boxes to empty when the user leaves the screen.
2	The deadline variable is read as a String but the query method asks for a date type.	2	Converted the deadline variable from String to date.

Product	ModifyAnEvaluationScreen Module Inspection		
Date	9/11/2013		
Author	Zeying Guo		
Moderator	Yuxi Chen		
Inspectors	Pan Ma, Rendong Chen, Yilin Long, Zeying Guo		

Recorder (Secretary)	Zeying Guo		
Defect #	Description	Severity	How Corrected
1	The second time the user goes to this screen, the contents in the textfields and combo boxes remain the same as last time.	3	Set the textfields and combo boxes to empty when the user leaves the screen.
2	There is no verification check for deadline when a judge wants to modify an evaluation.	2	Added verification check for deadline before the actual modification could take place.
3	Corresponding evaluation types are not updated when the judge chooses a different round.	2	Added the update of evaluation types correspondingly to round name in the method updateComboBox.