

# Black Box Testing, White Box Testing, and Regression Testing Defect Correction Grading Rubric

Due: Friday, December 5th, 2014 at 11:59 PM

For this assignment, you need to list defects found in Black Box Testing, White Box Testing, and Regression Testing. Create a log of defects found and how they were corrected. Point distribution for this assignment will be as follows:

1. Format and Readability (5 points)

Please separate defects found in Black Box Testing, White Box Testing, and Regression Testing. For each defect found, please include:

- a. Defect Number
- b. Defect Description
- c. How to correct the defect
- d. Module in which the defect was found
- e. Severity of the defect

As an example, you should format your document like this:

## Black Box Defects

Defect No	Defect Description	How to correct the defect	Module (component) in which defect was found	Severity of defect
1	Username doesn't display	Set visibility to true	GUI	3

## White Box Defects

Defect No	Defect Description	How to correct the defect	Module (component) in which defect was found	Severity of defect
1	Method X returns a null pointer to the main method	Try/catch to ensure this can't happen	Main	1

## Regression Testing Defects

Defect No	Defect Description	How to correct the defect	Module (component) in which defect was found	Severity of defect
1	Upon fixing a method that returned a null pointer exception, the method tries to access memory in an array that is out of bounds	Add additional bounds checking	Main	1

### 2. Defects found (3 points)

- a. If your Project Coordinator is unable to reproduce a defect that you have listed, points will be deducted.
- b. The project that you are testing was seeded with 50 defects. Within reason, you should be able to find most (if not all) of these defects during Higher-Order Testing, Black Box Testing, White Box Testing, and Regression Testing. For this assignment, if your Project Coordinator is able to easily find defects that have not been documented in your log, points will be reduced.

### 3. Defect Corrections (2 points)

- a. The solution that you provide to correct the defect must be reasonable and actually work.
- b. For any defects that you are unable to solve, please provide an explanation at the end of your document.

*Note: All assignments should include team number, member names, and a project title on the front page.*

**Late submissions will result in a deduction of 20% on the assignment.**

**Please submit the assignment as a PDF on Blackboard. As well, add it to your private repository. For questions, please contact your Project Coordinator or the Head TA.**

Total Points: 10 (10% of your project grade)