

GRADING NOTES FOR THE BUG EDITING ASSIGNMENT

Two components for grading the papers –

- 1) Comments at Issue Tracker
- 2) Editor's report submitted to us.

I allocate 14 points possible for each bug, but total out of 10. That is, if you get a 3/14 for the bug, your score is 3/10. Similarly, 14/14 becomes 10/10. There are 10 points available for each bug.

COMMENTS ON THE BUG REPORTS THEMSELVES, FILED IN ISSUE TRACKER

The content of your comments must vary depending on the problem. The key thing is that the follow-up report has to be useful to the reader.

For example, a simple failure to replicate might be sufficient (though it is rarely useful unless it includes a discussion of what was attempted.) Sometimes, detailed follow-up steps that simplify or extend the report are valuable.

This is worth up to 7 points out of 10

| | Subcomponents of the comments at Issue Tracker | Points possible |
|----|--|------------------------|
| 1 | Report states configuration and build | + Up to 1 |
| 2 | If the report is disrespectful in tone, zero the grade for the report. | 0 for the report |
| 3 | If you clearly report a simpler set of replication steps | + Up to 5 |
| 4 | If you clearly report a good follow-up test | + Up to 5 |
| 5 | A follow-up test or discussion that suggests to me that you don't understand the bug is not worth much. | + Up to 1 |
| 6 | If there is enough effort and enough usable information in the follow up test. | + Up to 3 |
| 7 | If you make a good argument regarding importance (pro or con) | + Up to 5 |
| 8 | If the bug is in fact not reproducible, and the report demonstrates that you credibly tested for reproducibility | + Up to 5 |
| 9 | You report a failure to reproduce a bug on alternate configuration without discussion | - 1 |
| 10 | You report a failure to reproduce a bug on alternate configuration that was already dismissed | - 2 |

REPORT TO ME

This is worth up to 7 points out of 10

Here, you evaluate the report rather than trying to improve it. I want to see details that suggest you had insight into what makes bug reports good or bad, effective or ineffective. I did not expect you to walk through every item in the checklist and tell me something for each item (too much work, most of it would have wasted your time). Instead, I expected that you would raise a few issues of interest and handle them reasonably well. For different reports, you might raise very different issues.

1) I am interested in comments on:

- a) What was done well.
- b) What was done poorly.
- c) What was missing that should have been there.

2) In the assignment, the checklist suggests a wide range of possible comments, on

- a. First impressions
- b. Replication
- c. Follow-up tests
- d. Closing impressions

The comments do not have to be ordered in any particular way but they should address the issues raised in the assignment notes in a sensible order. I credit them as follows:

Individual issue discussions are worth up to 3 points, but are normally worth 0.5 or 1 point (typically 1 point if well done). An exceptional discussion that goes to the heart of the quality of the report or suggests what should have been done in a clear and accurate way is worth 2 points. An exceptional and extended (long) discussion that goes to the heart of the quality of the report AND includes follow-up test discussion or suggests (well) what should have been done is worth 3 points.

- 3) The primary basis of the evaluation in this section is insight into the quality of the bug report. If the student has mechanically gone through the list of questions, without showing any insight, the max point count is 5. If I see insight, the max point count is 7. A discussion that shows that the tester did not understand the bug under consideration is worth at most 5, and usually worth less.

| Bug number | Comments at issuzilla | Editor's report | Total points |
|--------------------|------------------------------|------------------------|---------------------|
| 1 | 7 | 7 | 10 |
| 2 | 7 | 7 | 10 |
| 3 | 7 | 7 | 10 |
| 4 | 7 | 7 | 10 |
| 5 | 7 | 7 | 10 |
| GRAND TOTAL | | | 50 |

FINAL GRADING = GRAND TOTAL * 2 / 10