CS 471: Software Engineering
Spring 2018
Homework 1 – Bug Reports

Due date: Wednesday, January 24, 2018 (before the beginning of the class)

1. Brief Description

In order to understand how to write high quality[1] bug reports that will be useful to your team, you will need to gain experience with reading existing bug reports and learning how (not) to do things. This homework provides you an opportunity to read existing bug reports for a project of your choice and criticize / provide feedback.

2. Choose Active Projects with Issue Tracking Systems

You can choose bug reports from issue tracking systems of the projects listed below:

- https://github.com/Microsoft/vscode
- https://github.com/jquery/jquery
- https://github.com/torvalds/linux
- https://github.com/OpenRA/OpenRA
- https://github.com/tensorflow/tensorflow
- https://bugzilla.mozilla.org/
- https://bugs.eclipse.org/bugs/
- https://bugs.chromium.org/p/chromium/issues/list

Alternatively, you can choose any other "active"[2] projects.

3. Choose Bug Reports and Provide Feedback

From the projects selected in previous section, choose **one feature request** and **two bug reports** to discuss/examine/refine using the CS471_S18_HW1_Report_Template.docx template[3].

4. Submission

After filling in the template, generate a PDF and submit it via Blackboard (see HW1BugReports assignment).

5. Grading Rubric

The maximum points for this homework representing 2% of the final grade is 100, and the points are distributed as follows:

Item	Points
Report presentation and format (e.g., all instructions in red are removed)	10
Bug Report #1	
Name of software system and link to bug report	2
Screenshot of title and description	3
Enumerating good characteristics	5
Enumerating improvements	5
Rewriting title	5
Rewriting description	10
Bug Report #2	
Name of software system and link to bug report	2
Screenshot of title and description	3
Enumerating good characteristics	5

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[1] https://developer.mozilla.org/en-US/docs/Mozilla/QA/Bug_writing_guidelines

[2] For our homework, an "active" project should have thousands of commits and hundreds of contributors

[3] A pdf template is also located under "Homework Assignments" at https://piazza.com/boisestate/spring2018/cs471/resources

Feature Request #1