

## MTAT.03.159-Software Testing

### Lab. #1 Notice for group 2

Instructor: Dietmar Pfahl (dietmar.pfahl@ut.ee)  
 Teaching Assistant: Svetlana Omelkova (svetlana.omelkova@ut.ee)  
 Institute Of Computer Science  
 University of Tartu

On the first lab session we had a problems with Bugzilla hosting. Lately we moved to another hosting which appears more reliable. As I have promised on the lab, students from group 2 can submit defect reports in the paper format. Here is updated **Deliverables and Grading** part for group 2.

#### 3.1 BUGZILLA DEFECT AND LAB REPORTS (100%)

Please export all your defect reports in your lab report! Lab report should be submitted through the submission form on the course home page. Lab reports should be submitted in PDF format only. Deadline for submissions is before the next lab session.

Students will be required to submit one report per group. Report should include:

<b>Lab Report (100%)</b>	
1. A high-level description of the ad-hoc testing plan	10%
2. The test cases performed during ad-hoc testing (in a table similar to in Appendix E would be best)	15%
3. A comparison of ad-hoc and manual functional testing (based on the provided test suite) from several perspectives (e.g., benefits, tradeoffs, effectiveness, efficiency, etc.)	15%
4. List of Defect Report found. Specify the Summary and Description of each defect. Note that not all defects need to be found. But if it appears that not enough effort was made in finding defects, marks may be deducted.	20%
<b>The grading criteria for defect reports are as follows:</b>	
5. Correctness of Defect Report: Do the defect reports contain the detailed defect information? Does the report contain all the defects in the same level of detail? Does it contain the input, the expected output, and the faulty output for each defect?	15%
6. Clarity and adherence to defect reporting guidelines: Is it obvious where to start (what state to bring the program to) to replicate the defect? Is it obvious what you would type? Is it obvious what files to use (if any)?	15%
7. A discussion on how the team work/effort was divided and managed. Any lessons learned from your teamwork on this lab?	5%
8. Any difficulties encountered, challenges overcome, and lessons learned from performing the lab	5%
9. General comments and conclusions on performing the lab. Did you find it a useful practice? Was it easy to follow? Did you spend too little/too much time on it? Should some parts be dropped or explained better? Is something missing? Etc. Please try to be constructive.	5%

NB: You still have the possibility to familiarize yourself with Bugzilla bug tracking tool. For this go to lab instructions and do the part 2.2. The new Bugzilla hosting address is: <https://app.devzing.com/UT/bugzilla>

In the part 2.2.4 create your own product with the name "ATM\_System\_A12345\_B67891", where A12345 and B67891 are your group student numbers.

While entering a bug or creating a new component choose your e-mail in the field "Assignee" and do not choose anything in the field "CC".

In this case you don't need to repeat your bug reports in your lab report.