



**Linnæus University**  
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Essay

# Testing the web-server

*[Subtitle]*



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## 1 What I learnt from testing the web-server

From testing the web-server, I learnt that there are not just test cases and the results of them. In order to do a test, there are more elements need to be considered and planed ahead. As the listed criteria with test strategy, test plan, test cases and test report documents. Based on the deadline and the efficiency of the work, all documents would be repeatedly modified until the final consistency.

To prepare a more elaborate test, it is important and necessary to consider the target audiences of what the product will be delivered to. Therefore, stakeholders and their expectations of the product should be listed as well as the techniques that will be used for testing because it helps to plan and track the process.

I also noticed that the test steps of test cases can be divided into more details if there was more time. Such as where to set the argument and java language. To do certain tests, what preparations are needed and how to set them need to be concerned. These setup time should also be considered ahead because I did not manage to do some test due to the tools' setup time, so I had to adjust my test plan about what was going to be tested and what was not going to be tested.

Therefore, I also see the importance of writing down what requirements are going to be tested and what not. It helps to plan the process to assure to finish within the deadline and make adjustments. It also assures which ones have high priority and whether they get tested, and the ones that not get tested is due to what reason and how to improve next time.

I think the listed resources will help to see how the server performance on different devices and compare them in setup, timing and functionality. Also, helps to return back and inspect in the further iterations.



In general, I think testing helps to find issues and fix them to prevent the server gets crushed and keeps being functional. Furthermore, it could inform the users what the issues are and how to fix them.

## 2 Compare what I did to what the other students did

During review, I noticed the difference of what I did and what other students did in testing. I did test by following the criteria as other students, however, some of them did test more in details.

In test cases document, I mainly did the main scenarios and some alternative scenarios due to time-consuming and lack of skills, so I focused on the ones that I surely could do the test. I wrote down step as detailed as possible and took screenshots of them, so if I want to return to check these in the subsequent process, I have all as references to work on and compare. While in some reviews, all the main scenarios and alternative scenarios got tested. However, some did few scenarios, not including all the main ones, and did not provide any screenshots of the test as either a proof or visual result.

I spent time organizing the layout of each document to make sure they are easy to follow and search the sections. Some students used a more styled layout to make the documents look fresh and clean. The use of tables presents the information in a more intuitive way than full text. Other students only used headings to separate sections, and there was no table of contents to helping guiding what is included in the document, the whole documents were shown in text with no use of any tables which make the document not as clear and concise as the more structured ones.

I have seen some students would add some extra sections that were not mentioned in the criteria in each document. So did I. For example, the full detailed test cases and resources also listed in the test report. I was not sure about whether to add those sections because all four documents are



needed to form a complete test, however, I also see each document as an individual on its own, so I added some duplicate sections to make each document independently understandable for reading. At the same time, I also saw other students wrote each document briefly, and it is necessary to have all documents ready in hand to understand the whole test. So, I actually still holding this question about how much we should write in each document.