Performance Analysis of a System

Choosing Basic Topic **21.02.2017**

Met with prof. Carzaniga to discuss the topic I chose for the bachelor project. We discussed trying the performance analysis on a new system instead of the one that has already been tested. We discussed the end result (i.e. report and poster) and the professor showed me examples of previous reports. The outline of most was similar to what I have seen before in IB: Abstract, Introduction, Implementation, Results, Conclusion, References.

I have to officially sign up for this project and I should tell the professor exactly what to do next after the kick-off meeting.

I should research the topic a little and come up with a mock-abstract in my own time. Most likely we will come up with a plan or outline of things to do in tomorrow's meeting. I am not sure if I am required to do everything he had written on the board (software analysis, data analysis, testing on a new system, etc) or whether I could focus my attention on one area. This will be clearer later on hopefully. I will be focusing my attention right now on understanding the basics of performance analysis.

Kick-off Meeting **22.02.2017**

Prof Jazayeri talked to us about the general idea of the project. Next, we are required to come up with the first draft of the project plan, timeline, project description etc. I also met with professor Carzaniga and expressed interest in the project on ICorsi. Saw a few presentations of previous year's students to get an idea of what is required of us. I will need to make a github repository for this project, and begin research as soon as possible. I should also look for a system as the first step of my project. Today, I will make a rough version of the project plan and refine it tomorrow.

Professor Carzaniga said to make the presentations in a way so that it was easy to understand but still technical enough to make sure that those that understand the topic don't think its trivial.

Professor Jazayeri stressed that the bachelor thesis was a "personal" project and that it was a large scale project so we should plan well and stay on top of things so that we dont lose sight of the time and goal.

4 things are required for the project plan:

1. Motivation and Goal
2. Project description
3. List of Tasks and Milestones
4. Timeline

The questions must answer: what, why, how, when.

Regular meetings **23.02.2017**

Met with professor Carzaniga today. We set up regular meetings on mondays at 15:30. He asked me to research instrumentation, profiling and aspect for java and to think about a system to test.

Final draft of project plan **02.03.2017**

Yesterday we had the presentations of our project plan to professor Jazayeri. The plan is due today. I will check the grammar and structure of the document this evening and hand it in. I met with professor Carzaniga briefly to discuss the next step which is to learn instrumentation. I have the closure compiler loaded in intellij and now i need to pick a method, do a basic instrumentation using aspectj (System.out.println()) and then see how often the method is called etc.