Tussentijds opvolgingsformulier Bachelorproef 2017-2018

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**Bachelorproef: Utilize Docker container and Selenium Grid technology to improve resource efficiency in the runtime of a Software Deployment & Testing Framework (SDTF).**

**Bedrijf: VASCO Data Security**

**Student: Arno Willaert**

**Promotor: Phaedra Degreef**

**Bedrijfspromotor: Christopher Forbes**

**Opleiding: Electronica-ICT: netwerken systemen en security**

**Periode (weeknr. volgens agenda): 11**

**Gerealiseerd vorige week:**

Monday:

* Updated my planning document
* Cleaned up the code that differentiates between chrome and ff using a method, instead of just copypasting code.

Tuesday:

* When I ran the test cases once I had 6 errors, and the second time, there were 15.
  + 5/6 were easy fixes, and the 15 errors were because of the cleanup step not happening for the new data set. (workaround: manually delete users
  + 1 error not fixed

Wednesday:

* Restructured and wrote on thesis
* Started pair programing with Philippe on the tracefile parser

Thursday:

* Set up an ssh tunnel between my machine and the docker host, and mounted my working directory on the docker host to allow for a shorter feedback loop
  + (not that effective, as building a container from this “fuse mounted” directory takes a really long while)
* Continued working on the tracefile parser

Friday:

* Apparently using files from a cross-platform mounted directory had some unforeseen complications
  + Windows uses DOS-style line ending, which the unix-style interpreter can’t really work with. This is fixed by a running a single operation on each affected file
* Did some maintenance on my Dockerfile to fix the line endings on certain files
* Added a .dockerignore file, because apparently Docker passes the whole folder, which contains the Dockerfile to the Docker daemon, which results in unnecessary long build times.

**Doelstellingen voor de volgende week:**

* Fix the clean up step for cases\_user\_create
* Finish the tracefile parser for cases\_user\_create
* Look at which test cases I am going to implement, and strategize how to finish as many as possible.
* Write the problem statement and the goals chapters in my thesis and preferably some more.

**Opmerkingen bedrijfspromotor:**

**Opmerkingen hogeschoolpromotor:**