Tussentijds opvolgingsformulier Bachelorproef 2017-2018

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.
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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: