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): 5**

**Gerealiseerd vorige week:**

Monday:

* Further recover from the power outage, documenting all the things I missed the first time around
* In the end I got where I was Friday, but there was some error with the account validation to connect to the vCloud.

Tuesday:

* The issue with vCloud persisted in the morning, so I did some reading on how to write my thesis
* When the issue was resolved, I confirmed I got where I was last week, and could get started on analyzing why the testing stalled at a certain point.
* The automated tests stopped because the ID’s used in the web app don’t match those in my code, because up until this point I was working with outdated code.
  + Proposed solution: pull the master branch into my branch (linux-sdtf-port)
* To prepare for this I committed the changes I made to my branch

Wednesday:

* Pulled the master branch into the linux-sdtf-port branch
* Resolved merge conflicts
* Created a new container image containing the new code.
* There were multiple issues with the install script due to the merge (some of these were discovered and fixed on Thursday)
  + Jenkins failed to install due to a version mismatch
  + There was a sudo somewhere where there shouldn’t be one (due to the minimal install
  + Multiple small hang-ups causing the sdtf install to fail, thanks to a not so perfect job of manually resolving some merge conflicts

Thursday:

* Further resolved the issues with the merged code
* Ran into code that depended on a windows api (win32api).
  + I just moved that line inside of an if statement that normally doesn’t get entered. (this is only a temporary fix)

Friday:

* Fixed an issue with another windows specific call
* First time to successfully run the webadmin test suite against a chrome browser!
* Test if it also works if run against a firefox browser
  + It doesn’t

**Doelstellingen voor de volgende week:**

* Update my planning file
  + Maybe make a Gantt chart
* Get started on my “tussentijdse presentatie” due Tuesday 27th
* Make the webadmin run against a firefox browser
* Create an image where the webadmin tests function out of the box against both firefox and chrome.
* Look into making my setup less prone to failures like power outages.

**Opmerkingen bedrijfspromotor:**

**Opmerkingen hogeschoolpromotor:**