CS 1632 - DELIVERABLE 3: Automated System Testing of a Web Application

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https://github.com/cdreher/D3

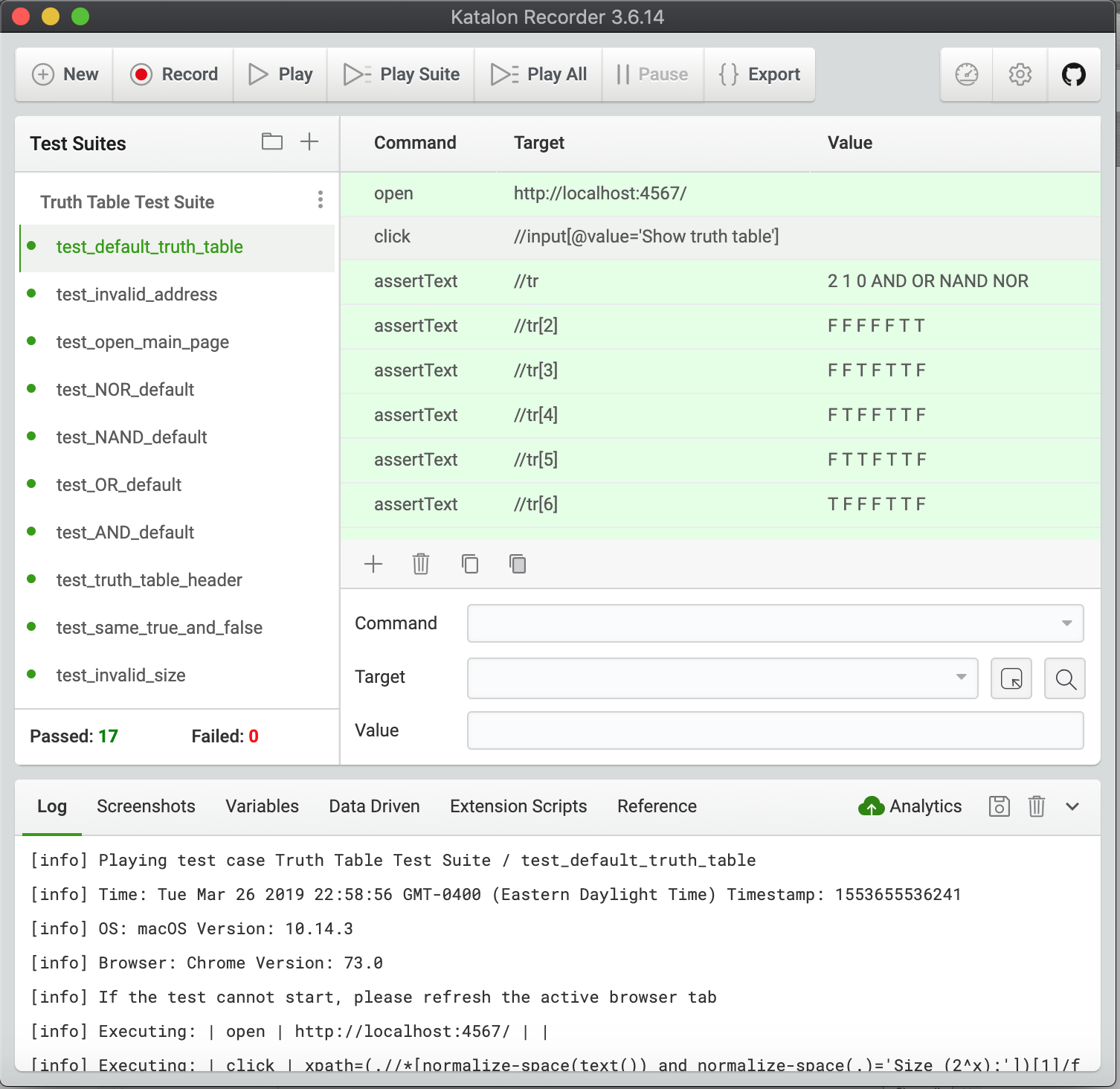
**Issues**

During this deliverable, most of my issues came from the URL routing. I was having issues figuring out what page to specifically direct to depending on the requirements. I felt the best way was to have a such “display” page in which all of the display results would go to, unless there was an error or invalid parameter. In those cases, I would direct to the appropriate page.

Another difficulty I had was at the very beginning of the project. When I was trying to execute ruby truth.rb, I was getting an interesting error. For some reason, I was getting an error with regards to the sinatra/reloader. The way I was able to fix that was to install an additional gem.

When it came to the Katalon testing, I did not have any issues or any failed tests. The tests were simple to make based off of the requirements page.

**Screenshot:**

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**Traceability Matrix:**

R1: *test\_open\_main\_page*

R2: *test\_reload, test\_back\_to\_main\_display, test\_back\_to\_main\_error, test\_back\_to\_main\_invalid*

*R3: test\_invalid\_page*

R4: *test\_same\_true\_and\_false, test\_invalid\_size, test\_invalid\_true\_symbol, test\_invalid\_false\_symbol*

R5: *test\_truth\_table\_header*

R6: *test\_AND\_default, test\_OR\_default, test\_NAND\_default, test\_NOR\_default*

R7: *test\_default\_truth\_table*

R8: *test\_invalid\_address*