
TDL Autumn school Cypress web automation task

16th December 2021

OVERVIEW

A client asks for a proof of concept of web E2E test automation for their webstore which can be found [HERE](#)

Code will be sent to the client after the demo, so it can't be badly written. Code has to be well structured and element selectors have to be chosen with good practices and longevity in mind.

Test cases to automate

1. Creating a new user
2. Logging in with a registered user
3. Adding an item to the cart
4. "Please complete card details" error during checkout as a guest user

Other requirements

1. Code has to be formatted and look good
2. After finishing your task save it in a zip file called NameSurnameCypressTask.zip and save submit it in moodle
- 3. User data for task 2 has to be read from a fixture file**
4. Element selectors should be chosen with good practices in mind
5. Method, variable and constant names should be easily understandable and describe their function
6. A Merged Mocha HTML report has to be generated in **cypress/task/report.html**
7. Page object classes have to be used for managing the tests
8. The task has to be submitted until 23:59 17th of December

Other notes:

Keep calm, go through the flow you want to automate manually, note down the steps and selectors, then start working on it , if you get stuck don't waste too much time on it, try to move onto other test cases.

Since we are testing a production version application, running registration / login tests can trigger captcha, so don't re-run the registration test case too frequently , get all of the fields, write the code, then execute it , instead of re-running test case to check each field one by one

Remember about Cypress UI mode - it can sometimes produce wrong results, a quick re-start of the browser fixes the problem.

Don't forget about clearing out unnecessary comments ,logging and test artifacts (reports, screenshots , videos etc. .) before your final commit