

Qa-web-challenge

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Using Javascript and selenium web-driver I created test to verify a login pop-up displays after navigating through website <https://www.ryanair.com/ie/e> before payment.

Because I have never used selenium before I decided to get 'minimum viable product', by not using Page Object Pattern and instead getting complete test to work.

Fully working test is in file called *ryanairtest.js*.

How to run *ryanairtest.js* on **Firefox 113.0.02 (64)** browser:

a) Install dependencies according to official documentation:

- node.js
- npm
- selenium-webdriver (with firefox component geckodriver(.exe))
- mocha
- mochawesome

b) in IDE (e.g. VSCode) in terminal type:

npm install

npm test

In *ryanairTest.js* file test is parameterized; there are input values that can be changed for each test:

- array of size 4 - containing number of adults, teens, children and infants respectively,
- departure airport,
- destination airport,
- date of flight.

Number of adults needs to equal or bigger than infants, there needs to be at least 1 adult, airports need to exist and need to input correct date of flight.

Example test input

Given I search for a flight from "DUB" to "STN" on 11/10/2023 for 2 adults, 2 teens, 2 infants and 1 children

When I proceed to pay with selected seats and 20kg bags added

Then login popup shows up

Test report will be created inside project, inside folder *mochawesome-report* and be called *mochawesome.html*, which can be viewed by opening it in browser. All 3 tests should successfully display a login popup before payment.

Looking forward to Your feedback!