

Testing Plan – Submarino website

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1. Introduction

The objective of this test is to verify some functionalities of website Submarino. The project should focus on testing the Search Product Page and the Add Product to Cart Page. To achieve this, it was created some test scenarios that represents the different ways of doing the proposed tests. With the scenarios made, a system was developed to automate these tests.

2. Tools and resources used

| Tool/resource | Description |
|-------------------------|---|
| Python 3.7.0 | A programming language used to develop the test scripts |
| Pycharm 2019.3.3 | A IDE used to develop the test scripts |
| Selenium WebDriver | A tool to automate tests on the web |
| Chrome Driver (Windows) | A driver to run tests on Chrome browser |
| Google Chrome browser | A browser where the tests are run |
| Microsoft Windows 7 | Operacional System used |

3. Scenarios

- **Product Search Test Suite**

In order to find a product that I want

As a customer

I want to search a product by name

Background:

Given the website "https://www.submarino.com.br/" is open

And I click on search bar

| Scenario: Search product successfully ID: TC-01 | |
|--|--|
| Action | Expected Result |
| Given nothing | |
| When I fill the search bar with “fifa 20” | |
| And I press the keyboard enter key | |
| | Then a Search Page is open |
| | And a list of products related to “fifa 20” is listed |

| Scenario: Search product with incomplete name ID: TC-02 | |
|---|---|
| Action | Expected Result |
| Given nothing | |
| When I fill the search bar with “playstati” | |
| And I press the keyboard enter key | |
| | Then a Search Page is open |
| | And a message "Exibindo resultados para: playstation" is displayed |
| | And a list of products related to “playstation” is listed |

| Scenario: Search product with wrong name ID: TC-03 | |
|--|---|
| Action | Expected Result |
| Given nothing | |
| When I fill the search bar with “praystation” | |
| And I press the keyboard enter key | |
| | Then a Search Page is open |
| | And a message "Exibindo resultados para: playstation" is displayed |
| | And a list of products related to “playstation” is listed |

| Scenario: Search product with no results found ID: TC-04 | |
|--|---|
| Action | Expected Result |
| Given nothing | |
| When I fill the search bar with “otorinolaringologista” | |
| And I press the keyboard enter key | |
| | Then a Search Page is open |
| | And a message "Não encontramos nenhum resultado para "otorinolaringologista" em nossos mundos." is displayed |

| Scenario: Search suggested product | | ID: TC-05 |
|---|--|-----------|
| Action | Expected Result | |
| Given nothing | | |
| When I fill the search bar with "playsta" | | |
| | Then a list of three products related to "playstation" is listed | |

| Scenario: Search for a product that is no stock | | ID: TC-06 |
|---|--|-----------|
| Action | Expected Result | |
| Given nothing | | |
| When I fill the search bar with "álcool gel antisséptico" | | |
| And I press the keyboard enter key | | |
| | Then a Search Page is open | |
| | And a list of products related to "álcool gel antisséptico" is listed | |
| | And the "Álcool Gel Antisséptico 70º 60 gramas Caixa com 30 unidades" product has the alert message "Ops! Já vendemos todo o estoque." | |

- **Add Product to Cart Test Suite**

In order to manage my cart

As a customer

I want to be able to add products to my cart

Background:

Given the website "https://www.submarino.com.br/" is open

And I click on search bar

| Scenario: Add product to cart successfully | | ID: TC-07 |
|--|--|-----------|
| Action | Expected Result | |
| Given nothing | | |
| When I fill the search bar with "fifa 20" | | |
| And I press the keyboard enter key | | |
| And a Search Page is open | | |
| And I click on "Game Fifa 20 Standard Edition - PS4" product | | |
| And a Details Product Page is open | | |
| And I click on "Comprar" button | | |
| | Then a Cart Page is open | |
| | And the "Game Fifa 20 Standard Edition - PS4" product is in the cart | |

| Scenario: Add product with details to cart | | ID: TC-08 |
|--|--|-----------|
| Action | Expected Result | |
| Given nothing | | |
| When I fill the search bar with “camisa hering” | | |
| And I press the keyboard enter key | | |
| And a Search Page is open | | |
| And I click on "Camisa Hering Manga Longa Jeans Feminina" product | | |
| And a Details Product Page is open | | |
| And I click on "Comprar" button | | |
| And a confirm message "O produto escolhido é Jeans - G" is open | | |
| And I click on "Sim, pode continuar" button | | |
| | Then a Cart Page is open | |
| | And the "Camisa Hering Manga Longa Jeans Feminina" product with "Jeans - G" features is in the cart | |

| Scenario: Add product to cart with extended warranty | | ID: TC-09 |
|--|--|-----------|
| Action | Expected Result | |
| Given nothing | | |
| When I fill the search bar with “Bicicleta Ergométrica Polimet” | | |
| And I press the keyboard enter key | | |
| And a Search Page is open | | |
| And I click on "Bicicleta Ergométrica Polimet BP-880 - Preta com 6 funções" product | | |
| And a Details Product Page is open | | |
| And I click on "Comprar" button | | |
| And a Extendend Warranty Page is open | | |
| And I click on extended warranty option | | |
| And I click on "Continuar" button | | |
| | Then a Cart Page is open | |
| | And the "Bicicleta Ergométrica Polimet BP-880 - Preta com 6 funções" product is in the cart | |

| Scenario: Add product that is no stock | | ID: TC-10 |
|--|-----------------|-----------|
| Action | Expected Result | |
| Given nothing | | |
| When I fill the search bar with “álcool gel antisséptico” | | |
| And I press the keyboard enter key | | |
| And a Search Page is open | | |

| | |
|--|---|
| And I see the "Álcool Gel Antisséptico 70º 60 gramas Caixa com 30 unidades" product | |
| And the product has an alert "Ops! Já vendemos todo o estoque." in the description | |
| And I click on the product | |
| | Then "Gel Antisséptico" category Search Page is open |

4. How to test?

- Before the test run, you have to change the directory of chromeDriver in SearchTest.py (lines 10 and 11) and CartTest.py (lines 11 and 12) to the directory of chromeDriver in your computer.

Example: "C:\Users\Vagno\PycharmProjects\submarino-testing\web-automation-submarino\chromedriver.exe"

- Create virtual env
 - python -m virtualenv env
 - env\Scripts\activate
- How to execute?
 - pip install -r requirements.txt (linux) or path\pip.exe -r requirements.txt (windows)
 - cd TestSuite
 - pytest --html=TestingSubmarinoReport.html TestSuite.py
- Python3 Version
 - Python 3.7.0

5. Observations

The Submarino is a famous website, and has a lot of products. Because of this, some products that were tested can be with no stock, making some tests going wrong. So, feel free to change any information of testing data file, located in the Data folder.