

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" install -r requirements.txt (windows)
 - cd TestSuite
 - pytest --html=TestingSubmarinoReport.html TestSuite.py
 - A report will be generated in the /TestSuite project folder. Open with a browser.
- 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.