



# INTERNATIONAL UNIVERSITY OF SARAJEVO

Faculty of Engineering and Natural Sciences  
SE302 – Software Testing and Maintenance

## **Project: Automation tests for a website**

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# Overview

This project implements an automated web testing suite for the OLX.ba website using Playwright and the Page Object Model (POM) architecture. The goal is to build a maintainable and structured test automation framework with functional tests and smoke tests, following course requirements.

- **Link to repository:** <https://github.com/XFGQ/SE302-Project>
- **Website:** <https://olx.ba>
- **Testing focus:** Search, suggestions, category navigation, login flow, sorting, filtering, UI elements, and basic page availability.

## Tools and Technologies

- **Playwright Test** (TypeScript)
- **POM Architecture** (separate page classes)
- **Assertions & Hooks** using Playwright's `expect` and `test.beforeEach`

## Test Scope Summary

This project contains **15 test cases**:

- 10 Functional (Normal) Test Cases
- 5 Smoke Test Cases

---

# Project Structure and POM Design

## Why Page Object Model (POM)?

POM improves:

- **Maintainability:** UI changes are handled in one place (page classes).
- **Readability:** test files contain scenario logic only.
- **Reusability:** common actions (search, cookies, login) are reusable methods.

## POM Classes Used in This Project

### Functional

- `HomePage_Functional.ts`
- `SearchPage_Functional.ts`

### Smoke

- `HomePage_Smoke.ts`

## Key POM Rule Applied

- **Locators are defined inside page classes**
- **Tests do not contain locators** (except very small one-off checks, where unavoidable)

# Test Case Documentation

This section describes the automated test cases developed for the OLX.ba website as part of the SE302 course project. The test cases were created to verify the main functionalities and basic stability of the system using the Playwright framework and the Page Object Model (POM) approach.

In total, **15 automated test cases** were implemented in this project. These test cases are divided into two groups:

- **10 Functional test cases**
- **5 Smoke test cases**

## Functional Test Cases

Functional test cases focus on testing the main features of the OLX.ba website from a user's perspective. These tests cover actions such as searching for products, navigating categories, logging in, sorting results, applying filters, and accessing item detail pages. The goal of these tests is to ensure that the website behaves correctly during normal usage.

The following functional test cases were implemented in this project:

- **TC01** – Verify search suggestions appear when typing
- **TC02** – Verify search functionality returns results
- **TC03** – Verify category navigation works correctly
- **TC04** – Verify successful user login
- **TC05** – Verify sorting functionality (Price: Low to High)
- **TC06** – Verify keyword search returns relevant results
- **TC07** – Verify login page navigation and form visibility
- **TC08** – Verify “Post Ad” button redirects guest user to login page
- **TC09** – Verify clicking a featured product opens its detail page
- **TC10** – Verify advanced filtering (Condition: Novo)

Each of these test cases is explained in detail in the tables below.

---

## 3.2 Smoke Test Cases

Smoke test cases are used to check whether the most important parts of the website are working properly. These tests are simple and fast, and they help confirm that the application is stable enough for further testing.

The smoke tests implemented in this project include:

- **Smoke TC01** – Verify that the home page title contains OLX.ba
- **Smoke TC02** – Verify the search input is visible and enabled
- **Smoke TC03** – Verify the login button is present
- **Smoke TC04** – Verify the Categories link is accessible
- **Smoke TC05** – Verify that the footer is loaded with copyright information

These smoke tests ensure that the basic user interface elements and navigation are available when the website is loaded.

**Table 1: Functional Test Case – TC01: Verify search suggestions appear when typing**

	<b>Description</b>
<b>Test Case Name</b>	TC01 – Verify search suggestions appear when typing
<b>Test Description</b>	Verifies that search suggestions are displayed when the user types a partial keyword in the search bar.
<b>Preconditions</b>	User is on the OLX.ba homepage and cookies are accepted.
<b>Steps to Reproduce</b>	1. Click on the search input field. 2. Type a partial keyword (e.g. “iphone”).
<b>Expected Result</b>	Search suggestions are displayed and contain the typed keyword.
<b>Actual Result</b>	Search suggestions are displayed successfully.

**Table 2: Functional Test Case – TC02: Verify search functionality returns results**

	<b>Description</b>
<b>Test Case Name</b>	TC02 – Verify search functionality returns results
<b>Test Description</b>	Checks whether searching for a valid keyword returns search results.
<b>Preconditions</b>	User is on the homepage.
<b>Steps to Reproduce</b>	1. Enter “PlayStation 5” in the search bar. 2. Press Enter.
<b>Expected Result</b>	User is redirected to the search results page and results are displayed.
<b>Actual Result</b>	Search results page is displayed with results.

**Table 3: Functional Test Case – TC03: Verify category navigation works correctly**

	<b>Description</b>
<b>Test Case Name</b>	TC03 – Verify category navigation works correctly
<b>Test Description</b>	Verifies that selecting a category navigates to the correct page.
<b>Preconditions</b>	User is on the homepage.
<b>Steps to Reproduce</b>	1. Click on a category (e.g. “Vozila”).
<b>Expected Result</b>	Category page opens with correct URL and heading.
<b>Actual Result</b>	Category page opens correctly.

**Table 4: Functional Test Case – TC04: Verify successful user login**

	<b>Description</b>
<b>Test Case Name</b>	TC04 – Verify successful user login
<b>Test Description</b>	Verifies that a registered user can log in with valid credentials.
<b>Preconditions</b>	User has a valid account and is logged out.
<b>Steps to Reproduce</b>	1. Click login button. 2. Enter valid email and password. 3. Click login.
<b>Expected Result</b>	User is logged in and redirected to the homepage.
<b>Actual Result</b>	User logs in successfully.

**Table 5: Functional Test Case – TC05: Verify sorting functionality (Price: Low to High)**

	<b>Description</b>
<b>Test Case Name</b>	TC05 – Verify sorting functionality (Price: Low to High)
<b>Test Description</b>	Verifies that products can be sorted by price from low to high.
<b>Preconditions</b>	Search results are displayed.
<b>Steps to Reproduce</b>	1. Perform a search. 2. Select sorting option “Low to High”.
<b>Expected Result</b>	Results are sorted by ascending price.
<b>Actual Result</b>	Results are sorted correctly.

**Table 6: Functional Test Case – TC06: Verify keyword search returns relevant results**

	<b>Description</b>
<b>Test Case Name</b>	TC06 – Verify keyword search returns relevant results
<b>Test Description</b>	Checks whether the displayed results match the searched keyword.
<b>Preconditions</b>	User is on homepage.
<b>Steps to Reproduce</b>	1. Search for “Audi A6”.
<b>Expected Result</b>	Results contain the searched keyword.
<b>Actual Result</b>	Relevant results are displayed.

**Table 7: Functional Test Case – TC07: Verify login page navigation and form visibility**

	<b>Description</b>
<b>Test Case Name</b>	TC07 – Verify login page navigation and form visibility
<b>Test Description</b>	Verifies that the login page opens and input fields are visible.
<b>Preconditions</b>	User is on homepage.
<b>Steps to Reproduce</b>	1. Click login button.
<b>Expected Result</b>	Login page opens and email field is visible.
<b>Actual Result</b>	Login page opens successfully.

**Table 8: Functional Test Case – TC08: Verify “Post Ad” button redirects guest user to login page**

	<b>Description</b>
<b>Test Case Name</b>	TC08 – Verify “Post Ad” button redirects guest user to login page
<b>Test Description</b>	Checks redirection to login when guest user clicks “Post Ad”.
<b>Preconditions</b>	User is not logged in.
<b>Steps to Reproduce</b>	1. Click “Post Ad” button.
<b>Expected Result</b>	User is redirected to the login page.
<b>Actual Result</b>	Redirect works correctly.

**Table 9: Functional Test Case – TC09: Verify clicking a featured product opens its detail page**

	<b>Description</b>
<b>Test Case Name</b>	TC09 – Verify clicking a featured product opens its detail page
<b>Test Description</b>	Verifies navigation to product detail page.
<b>Preconditions</b>	Products are visible on homepage.
<b>Steps to Reproduce</b>	1. Click on a featured product.
<b>Expected Result</b>	Product detail page opens.
<b>Actual Result</b>	Product detail page opens successfully.

**Table 10: Functional Test Case – TC10: Verify advanced filtering (Condition: Novo)**

	<b>Description</b>
<b>Test Case Name</b>	TC10 – Verify advanced filtering (Condition: Novo)
<b>Test Description</b>	Verifies filtering results by “Novo” condition.
<b>Preconditions</b>	Search results are displayed.
<b>Steps to Reproduce</b>	1. Apply “Novo” filter.
<b>Expected Result</b>	Only new items are displayed.
<b>Actual Result</b>	Filter works as expected.

## SMOKE TEST TABLES

**Table 11: Smoke Test Case – TC01: Verify that the home page title contains OLX.ba**

	<b>Description</b>
<b>Test Case Name</b>	Smoke TC01 – Verify home page title
<b>Test Description</b>	Verifies homepage title.
<b>Preconditions</b>	Website is accessible.
<b>Steps to Reproduce</b>	1. Open homepage.
<b>Expected Result</b>	Title contains “OLX.ba”.
<b>Actual Result</b>	Title is correct.

**Table 12: Smoke Test Case – TC02: Verify the search input is visible and enabled**

	<b>Description</b>
<b>Test Case Name</b>	Smoke TC02 – Verify search input
<b>Test Description</b>	Checks search input visibility and availability.
<b>Preconditions</b>	Homepage loaded.
<b>Steps to Reproduce</b>	1. Observe search bar.
<b>Expected Result</b>	Search input is visible and enabled.
<b>Actual Result</b>	Search input is usable.

**Table 13: Smoke Test Case – TC03: Verify the login button is present**

<b>Description</b>	
<b>Test Case Name</b>	Smoke TC03 – Verify login button
<b>Test Description</b>	Checks presence of login button.
<b>Preconditions</b>	Homepage loaded.
<b>Steps to Reproduce</b>	1. Check login button.
<b>Expected Result</b>	Login button is visible.
<b>Actual Result</b>	Login button is visible.

**Table 14: Smoke Test Case – TC04: Verify the Categories link is accessible**

<b>Description</b>	
<b>Test Case Name</b>	Smoke TC04 – Verify categories link
<b>Test Description</b>	Verifies accessibility of categories link.
<b>Preconditions</b>	Homepage loaded.
<b>Steps to Reproduce</b>	1. Check categories link.
<b>Expected Result</b>	Categories link is visible.
<b>Actual Result</b>	Categories link is visible.

**Table 15: Smoke Test Case – TC05: Verify that the footer is loaded with copyright information**

<b>Description</b>	
<b>Test Case Name</b>	Smoke TC05 – Verify footer
<b>Test Description</b>	Verifies footer visibility and information.
<b>Preconditions</b>	Homepage loaded.
<b>Steps to Reproduce</b>	1. Scroll to footer.
<b>Expected Result</b>	Footer and copyright text are visible.
<b>Actual Result</b>	Footer is displayed correctly.

# Page Object Model Framework

The **Page Object Model (POM)** is a commonly used approach in automated testing that helps organize test code in a clear and structured way. In this approach, each important page of the application is represented by a separate class. These classes store the elements of the page and the actions that can be performed on them, while the test files focus only on test scenarios.

In this project, the POM approach was applied to keep the test cases simple and readable and to avoid repeating the same locators in multiple tests.

## How We Used It in SE302

In the SE302 course project, the Page Object Model was applied by creating separate page classes for different parts of the OLX.ba website. Each page class contains the locators and methods related to that specific page, while the test files include only test scenarios and assertions.

For functional testing, page classes were used to handle actions such as searching for products, navigating categories, logging in, sorting results, and applying filters. These actions were implemented as reusable methods and called directly from the functional test cases.

For smoke testing, a simplified page class was created to include only the essential elements of the homepage. This allowed smoke tests to run faster while still verifying the basic stability of the website.

By using this approach, the test code remained clean and organized, and any UI changes could be handled by updating the relevant page class without modifying the test cases.

## Structure of the POM Implementation

### Page Classes

Each page class is responsible for one part of the website and includes:

- Page elements such as input fields, buttons, and links
- Methods that perform actions like searching, navigating, logging in, or applying filters

The following page classes were used in this project:

- **HomePage\_Functional.ts**, which covers functional interactions on the homepage such as search suggestions, category navigation, login actions, and redirection to the post ad page.
- **SearchPage\_Functional.ts**, which handles search result-related operations including result verification, sorting, and filtering.
- **HomePage\_Smoke.ts**, which contains only the basic elements needed for smoke testing, such as page title, search input, login button, categories link, and footer.

## Test Files

The test files define the test scenarios and assertions. They do not include UI locators directly; instead, they call the methods defined in the page classes. This separation makes the tests easier to understand and reduces the impact of UI changes.

In this project:

- Functional test scenarios are written in `functional.spec.ts`
- Smoke test scenarios are written in `smoke.spec.ts`

## Use of Playwright

Playwright is used as the main automation tool to:

- Control browser actions and navigation
- Perform assertions to validate test outcomes
- Run tests on multiple browsers (Chromium, Firefox, and WebKit)
- Generate execution reports for test results

## Advantages of Using POM in This Project

Using the Page Object Model provided several benefits:

- **Cleaner tests:** Test files remain short and focused on what is being tested.
- **Less duplication:** Reusable methods reduce repeated code.
- **Easier updates:** UI changes require updates in only one page class.
- **Better organization:** Functional and smoke tests are clearly separated but follow the same structure.

## Application in the SE302 Project

Throughout this project, common actions such as accepting cookies, performing searches with human-like typing, logging in, and applying filters were implemented inside page classes. This allowed the test cases to remain consistent and easier to maintain.

Overall, using the Page Object Model helped create a more organized and maintainable automation framework that meets the requirements of the SE302 course project.

## Challenges and Solutions

During the development of this automation project, several challenges were encountered while testing the OLX.ba website. These challenges mainly related to dynamic elements, timing issues, and test stability. The following points summarize the main problems and how they were solved.

---

### 1. Cookie Consent Pop-up Blocking Interactions

**Challenge:**

The cookie consent pop-up sometimes appeared on page load and blocked user interactions, causing tests to fail.

**Solution:**

A dedicated method was created to handle the cookie pop-up. The test waits until the accept button becomes visible, clicks it, and then waits for the pop-up to disappear before continuing.

---

### 2. Dynamic Content and Timing Issues

**Challenge:**

Search results and page elements are loaded dynamically, which occasionally caused tests to fail due to elements not being visible in time.

**Solution:**

Explicit waits and Playwright's `waitForURL`, `waitForLoadState`, and visibility checks were used to ensure that elements were fully loaded before performing assertions.

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### 3. Bot Detection and Fast Automated Typing

**Challenge:**

Typing too fast in the search input sometimes prevented search suggestions from appearing or caused unstable behavior.

**Solution:**

Human-like typing was implemented using delayed keystrokes to better simulate real user behavior and improve test reliability.

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### 4. Redirection and Race Conditions After Click Actions

**Challenge:**

Some actions, such as login or filtering, involved page redirections that could cause race conditions between clicking a button and waiting for the new page to load.

**Solution:**

Click actions and URL waits were synchronized using combined waits to ensure that navigation completed successfully before continuing the test.

---

### 5. Cross-Browser Consistency

**Challenge:**

Small differences in behavior were observed when running tests across different browsers.

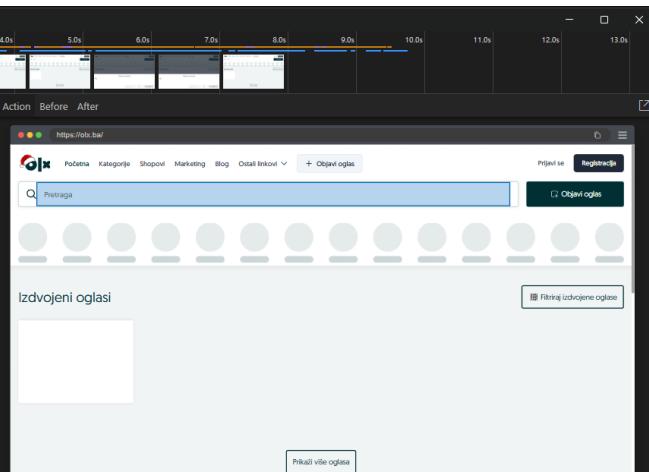
**Solution:**

The tests were executed on multiple browsers (Chromium, Firefox, and WebKit), and stable selectors and waits were used to minimize browser-specific issues.

# Execution Evidence

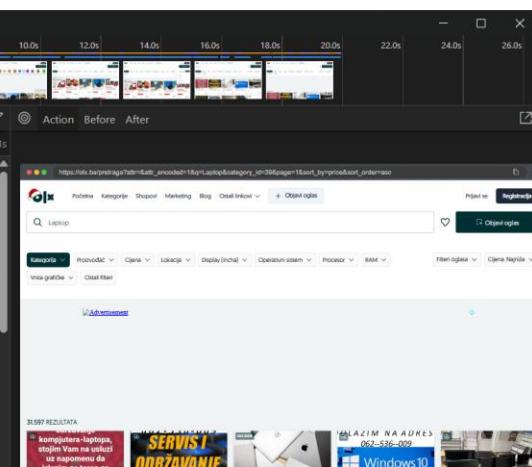
This section shows the execution results of the automated tests created for this project. The screenshots were taken from the Playwright Test Runner and display the execution of both functional and smoke test cases on the OLX.ba website. The results confirm that the tests ran successfully and the main functionalities worked as expected.

## Homepage Loaded Successfully (TC01)



The screenshot shows the Playwright Test Runner interface. On the left, the test tree is expanded to show the 'functional' and 'smoke' suites. Under 'functional', the 'OLX.ba Functional Tests' folder contains the test case 'TC01: Verify homepage loads successfully'. The status is 'Passed' at 12.8s. The 'Actions' tab shows the steps: 'Before Hooks' (8.4s), 'Expect "toHaveTitle"' (986ms), 'locator("input.main-search")' (59ms), 'After Hooks' (3.2s). The 'Source' tab shows the JavaScript code for the test. The 'Attachments' tab shows a screenshot of the OLX.ba homepage with a search bar and a grid of ads. The 'Annotations' tab shows the execution timeline from 1.0s to 13.0s.

## Search Functionality and Sorting (TC05)



The screenshot shows the Playwright Test Runner interface. The test tree is expanded to show the 'functional' and 'smoke' suites. Under 'functional', the 'OLX.ba - Functional Test Suite' folder contains the test case 'TC05: Verify sorting functionality (Price: Low to High)'. The status is 'Passed' at 25.3s. The 'Actions' tab shows the steps: 'Before Hooks' (7.2s), 'Wait for selector locator("input[name='notASearchField']")' (100ms), 'Click locator("input[name='notASearchField']")' (153ms), 'Type "Laptop"' (1.7s), 'locator("input[name='notASearchField']")' (179ms), 'Press "Enter"' (179ms), 'Wait for navigation' (1.2s), 'Expect "toBeVisible"' (707ms), 'locator("a[href='/artikal/']).first()' (0ms), 'Query count' (467ms), 'locator("a[href='/artikal/]")' (467ms), 'Expect "toBeGreaterThan"' (0ms), 'Click locator("div.label-wrap").filter((el) => el.textContent === 'Sortiraj!')' (1.8s), 'locator("div.label-wrap").filter((el) => el.textContent === 'Sortiraj!')' (1.8s). The 'Source' tab shows the JavaScript code for the test. The 'Attachments' tab shows a screenshot of the OLX.ba search results for 'Laptop' sorted by price. The 'Annotations' tab shows the execution timeline from 2.0s to 26.0s.

## Keyword Search Results (TC02 / TC06)

Playwright Test

**PLAYRIGHT**

Status: all Projects: chromium

1/1 passed (100%)

- ✓ functional
  - ✓ functionalSpecs
    - ✓ OLXba - Functional Test Suite
      - ✓ TC01: Verify search suggestions appear when type... 13.7s
      - ✓ TC02: Verify search functionality returns resu... 7.2s
      - ✓ TC11: Verify successful user login 14.7s
      - ✓ TC05: Verify sorting functionality (Price: Low to Hi...) 15.6s
      - ✓ TC06: Verify keyword search returns relevant resu... 12.4s
      - ✗ TC07: Verify login page navigation and form visib... 12.2s
      - ✓ TC08: Verify "Post Ad" button redirects guest user... 9.5s
      - ✓ TC09: Verify clicking a featured product opens its... 7.1s
      - ✓ TC10: Verify advanced filtering (Conditions: Novo) 11.8s
  - ✓ smoke
    - ✓ smokeSpecs
      - ✓ OLXba - Smoke Testing Suite
        - ✓ Should verify that the home page title contains OL... 5.4s
        - ✓ Should verify the search input is visible and enab... 15.3s
        - ✓ Should verify the login button is present 6.6s
        - ✓ Should verify the Categories link is accessible 6.2s
        - ✓ Should verify that the footer is loaded with copy... 6.3s

TESTING OPTIONS

SETTINGS

Actions Metadata

Passed 11.8s

Before Hooks 5.9s

Wait for selector locator

Click locator

Type "PlayStation 5" locator

Press "Enter" locator

Wait for navigation 400ms

Expect "toHaveURL" expecttoHaveURL 523ms

Expect "toBeVisible" locator[/artikal/](#) 280ms

Query count locator[alt="fotografija"] first() 113ms

Expect "toBeGreaterThan" locator[alt="fotografija"] 0ms

After Hooks 2.1s

Action Before After

https://www.olx.ba/pretraga?tp=PlayStation+5

Početna Kategorije Shopovi Marketing Blog Ostali linkovi + Objavi oglas Prijav se Registracija

Video igre 5004 Kompjuteri 43 Tehnika 23 Sve ostalo 10 Servisi i usluge 5 Moj dom 1 Mobilni uređaji 1 Dijelovi za vozila 1

Filter oglasa Sortiraj

5724 rezultata

prejedne minute 99 KM  
prejedne minute 849 KM  
prejedne minute 1.049 KM  
prejedne minute 1.049 KM  
prejedne minute 69 KM

ANOMALIJA DZOSTIK ZA PS5/Playstation 5

PREPORUČENO

SearchPage\_Functionalities

```

1.43
1.44    async verifyResultsCount(): Promise<void> {
1.45        // İllerdeki yüklenme bazen uzun sürebilir, timeout süresini biraz artırabiliriz
1.46        await expect(this.resultCards.first()).toBeVisible({ timeout: 15000 });
1.47
1.48        const count = await this.resultCards.count();
1.49        console.log(`Bulunan ilan sayısı: ${count}`); // Debug için konsola yazdırılacak
1.50        expect(count).toBeGreaterThanOrEqual(6);
1.51    }
1.52
  
```

## Successful User Login (TC04)

Playwright Test

**PLAYRIGHT**

Status: all Projects: chromium

1/1 passed (100%)

- ✓ functional
  - ✓ functionalSpecs
    - ✓ OLXba - Functional Test Suite
      - ✓ TC01: Verify search suggestions appear when type... 13.7s
      - ✓ TC02: Verify search functionality returns resu... 7.2s
      - ✓ TC03: Verify category navigation works correctly 7.2s
      - ✓ TC11: Verify successful user login 14.7s
      - ✓ TC05: Verify sorting functionality (Price: Low to Hi...) 15.6s
      - ✓ TC06: Verify keyword search returns relevant resu... 12.4s
      - ✓ TC07: Verify login page navigation and form visib... 12.1s
      - ✓ TC08: Verify "Post Ad" button redirects guest user... 9.5s
      - ✓ TC09: Verify clicking a featured product opens its... 7.1s
      - ✓ TC10: Verify advanced filtering (Conditions: Novo) 11.8s
  - ✓ smoke
    - ✓ smokeSpecs
      - ✓ OLXba - Smoke Testing Suite
        - ✓ Should verify that the home page title contains OL... 5.4s
        - ✓ Should verify the search input is visible and enab... 15.3s
        - ✓ Should verify the login button is present 6.6s
        - ✓ Should verify the Categories link is accessible 6.2s
        - ✓ Should verify that the footer is loaded with copy... 6.3s

TESTING OPTIONS

SETTINGS

Actions Metadata

Passed 15.2s

Before Hooks 5.9s

Navigate to "/" 1.7s

Wait for load state "networkidle" 3.9s

Click getByRole(link, { name: 'prijava' }) 351ms

Wait for load state "load" 0ms

Fill "TC03:VerifyPostAd@gmail.com" locator

Fill "TC03:33!" locator

Wait for selector locator(button).filter(( has: locator<TextContent>('prijava se') )) 53ms

Wait for navigation 959ms

Click locator(button).filter(( has: locator<TextContent>('prijava se') )) 446ms

Expect "not isVisible" expect.not.toBeVisible 152ms

Wait for selector locator(button).filter(( has: locator<TextContent>('prijava se') )) 53ms

Wait for navigation 959ms

Click locator(button).filter(( has: locator<TextContent>('prijava se') )) 446ms

Expect "not isVisible" expect.not.toBeVisible 152ms

After Hooks 1.3s

Action Before After

https://www.olx.ba/

Početna Kategorije Shopovi Marketing Blog Ostali linkovi + Objavi oglas Prijav se Registracija

Izdvojeni oglasi

TOP CHAINSAW 1.8 KS 34€  
Audi A3 1.9 TDI 77kW SPORTBACK MOD 2006 TOP... 8.850 KM  
Scheppech akumulatorski multifunkcionalni alat OXES C-... 129 KM  
BMW X1 s-dizel FULL opremljen LANAC ugraden, te... 17.700 KM  
ARKUA MUDI BRENDIŠAK SATOV POPUST NA 2 SATA 40 KM

prejedne minute 179 KM  
prejedne minute 8.850 KM  
prejedne minute 129 KM  
prejedne minute 17.700 KM  
prejedne minute 40 KM

HomePage\_Functionalities

```

62    // const submitBtn = this.page.locator('button.my-lg');
63    // await submitBtn.waitFor({ state: 'visible', timeout: 5000 });
64    // Tiklama islemeni yap ve ana sayfaya yonletemeyi bekle
65    // await Promise.all([
66        this.page.goto('https://olx.ba/'), { timeout: 20000 },
67        submitBtn.click({ force: true })
68    ]);
69    // submitBtn.click({ force: true })
70  });
71
  
```

## Failed Test Example (TC01 – Initial Failure)

**OLX** Početna Kategorije Shopovi Marketing Blog Ostali linkovi + Objavi oglas Prijav se Registracija

Pretraga Objavi oglas

Kategorije Praznična akcija Vozila Nekretnine Servisi i usluge Poslovi Dijelovi za vozila Mobilni uređaji Kompjuteri Tehnika Moj dom Biznis i Industrija Odjeća i obuća Sportska oprema

Izdvojeni oglasi

Filtriraj izdvojene oglase

BLACK EDITION 149,90 KM  
Parfemi A++ Klasa! može i na veliko] najniza cijena!!! 59,90 KM  
Gorenje ugradbeni frižider 88cm RBL409EP1 345,90 KM  
Volkswagen Caddy maxi Automatic dsq 7 sjedista 14.300 KM  
Dječje biciklo 100 KM

Dostupno odmah Dostupno odmah Dostupno odmah Dostupno odmah Dostupno odmah

149,90 KM 59,90 KM 345,90 KM 14.300 KM 100 KM

prije jedne minute prije jedne minute prije jedne minute prije jedne minute prije jedne minute

OX SHOP SALE OF THE YEAR 2019.09.29. 20.10.2019.