

# Test Scenarios and Assertions for Selenium Automation

## Overview

This document outlines the test scenarios, steps, and validation points for automated UI testing using Python with Selenium and Pytest. Each test case ensures the correct functioning of the web application by interacting with the Insider website.

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## Test Environment Setup

### Prerequisites

1. Python 3.x installed.
2. Selenium WebDriver (ChromeDriver).
3. Pytest library installed.
4. Chrome browser.
5. Dependencies specified in requirements.txt installed.

### Configuration

- Notifications, popups, and geolocation are disabled in the browser settings.
  - Chrome browser is set to start in maximized mode.
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## Test Cases

### Test Case 1: Validate Homepage Title

**Objective:** Verify the title of the homepage.

**Steps:**

1. Navigate to [Insider Homepage](#).
2. Check for a cookie consent button.
  - If found, click the button.
3. Validate the page title.

**Assertions:**

- The page title must be: #1 Leader in Individualized, Cross-Channel CX — Insider.

**Expected Results:**

- Cookie consent is accepted successfully (if present).
  - The title matches the expected value.
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### Test Case 2: Navigate to Company Information

**Objective:** Verify navigation to the Company Information section.

**Steps:**

1. Locate and click the Company Information link in the navigation menu.
2. Wait for the Careers link to appear.

**Assertions:**

- The Careers link must be visible on the Company page.

**Expected Results:**

- User is navigated to the correct section.
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### Test Case 3: Navigate to Careers Page

**Objective:** Ensure the Careers page is loaded correctly.

**Steps:**

1. Click the Careers link.
2. Wait for the Careers page to load.
3. Verify the presence of specific sections:
  - Our Locations.
  - Teams.
  - Life at Insider.

**Assertions:**

- URL must be: <https://useinsider.com/careers/>.
- The sections mentioned above must be displayed.

**Expected Results:**

- The user is successfully navigated to the Careers page with all sections visible.
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### Test Case 4: Validate QA Page Navigation

**Objective:** Verify navigation to the QA section.

**Steps:**

1. Navigate to the [QA Page](#).
2. Verify the header displays "Quality Assurance".
3. Click the "See All QA Jobs" button.
4. Verify the URL after clicking the button.

**Assertions:**

- The header text must be: Quality Assurance.
- URL must be: <https://useinsider.com/careers/open-positions/?department=qualityassurance>.

**Expected Results:**

- The page loads successfully with correct text and navigation functionality.
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### Test Case 5: Filter Job Openings

**Objective:** Test the functionality of filtering job openings.

**Steps:**

1. Open the "Location" filter dropdown.
2. Select "Istanbul, Turkey".
3. Open the "Department" filter dropdown.
4. Select "Quality Assurance".
5. Verify the filter selections.

**Assertions:**

- Selected filters are correctly applied.
- Results displayed are relevant to the filters.

**Expected Results:**

- Filters are applied without errors.
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**Test Case 6: Validate Job Details**

**Objective:** Verify the job details page functionality.

**Steps:**

1. Click the "View Role" button for a job posting.
2. Ensure a new tab opens.
3. Verify the URL of the new tab.
4. Check for visibility of the "Apply" button and job description.
5. Verify the Insider logo on the page.

**Assertions:**

- URL must be correct for the job posting.
- "Apply" button and job description must be visible.
- Insider logo must be displayed.

**Expected Results:**

- The job details page is displayed correctly with all elements functional.
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**Logging and Debugging**

- All test steps and outcomes are logged at appropriate levels (INFO, DEBUG, ERROR).
  - Assertion failures and unexpected behavior are logged for debugging.
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