



WEX Website Search Functionality Test Plan

Author: Matheus Beck

Introduction

This document describes the plan for testing the search functionality inside the WEX website (<https://www.wexinc.com>).

Resourcing

Name	Role	Specific Responsibilities
Matheus Beck	QA automation engineer	Implement the test cases described in the test plan. Execute all the test cases. Log results and open defects.

In Scope

The search functionality inside the WEX website will be tested in Google Chrome using Java, Cucumber and Selenium for valid inputs, non-valid inputs, expected return of results and unexpected return of results.

Out of Scope

Nonfunctional testing such as stress, performance or logical database will not be tested. Testing in different web browsers like Firefox, Opera, Safari and Microsoft Edge will also not be tested.

Test Suite

Feature 01: The searched word should appear in the title and in the navigation section after 'Search results for'.

Feature 02: A 'no results message' should be raised in cases of invalid inputs.

Feature 03: The search must return a maximum of 10 posts per page and a navigation bar.

Feature 04: The searched word should appear in the title or in the body text of a post returned.

Feature 05: The searched word should appear in the title or in the body text of all posts returned.

Feature 06: The search form should keep the history of searched words.

Feature 07: The search should return only existing posts.

Assumptions

The resource should have the following required tools already installed and configured in his machine:

Code Editor: Visual Studio Code (The engineer can use any preferable code editor)

Programming Language: Java

Build Automation Tool: Maven

Software Testing Tool: Cucumber

Web Framework: Selenium Web Driver (with the Chrome Web Driver configured)

Web browser: Google Chrome