

# **Part 01 – Test Plan**

Test Plan Document

For

Wex Inc.

## VERSION HISTORY

Version	Write by	Revision Date	Approved by	Approval Date	Outline
1.0	Ana Cecília Souza	2019/11/29			Test Plan create

## 1. INTRODUCTION

The Test Plan is designed to describe the scope, approach, resources, and schedule of the testing activities of the project Wex. The plan identifies the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

## 2. TEST STRATEGY

### 2.1. Scope of Testing

#### 2.1.1. Feature to be tested

The software requirement specification defined that the Search functionality to be tested.

Module Name	Applicable Roles	Description
Search	Customer	A customer can use the Search functionality to find any given information that available in the Wex website.

#### 2.1.2. Feature not to be tested

- Hardware Interfaces
- Database logical
- Website Security and Performance

### 2.2. Test Type

#### 2.2.1. Functional testing

- **Manual Testing:** Test possible scenarios that the user can perform in the Search functionality.
- **Automated Testing:** Automate the scenarios tested in the Manual Testing.

### 2.3. Risk and Issues

Risk	Mitigation
The project schedule is too tight. So that is a possibility not to complete this project on time.	Set Test Priority for each of the test activity to ensuring that the most important functions work.

### 2.4. Test Logistics

#### 2.4.1. Who will test?

The project will use a tester available.

#### 2.4.2. When will test occur?

The tester will start the test execution when all the following inputs are ready

- Test Specification is created
- Software is available for testing

- Test Environment is built

### 3. TEST OBJECTIVE

The test objective is to verify the Search functionality of Wex website to guarantee that the most important scenarios can work normally in real business environment.

### 4. TEST CRITERIA

#### 4.1. Suspension Criteria

If the tester report that it was not possible to run the tests in Test Environment, the test activity is suspended until the Test Environment is stable again.

#### 4.2. Exit Criteria

Specifies the criteria that denote a successful completion of a test phase:

- Run rate is mandatory to be 100% unless a clear reason is given.
- Pass rate is 90%, achieving the pass rate is mandatory.

### 5. RESOURCE PLANNING

#### 5.1. System Resource

Nº	Resource	Description
1	Computer	
2	Network	
3	Test tool	- Bug Tracking Tool - Test tool which can generate automated test project

#### 5.2. Human Resource

Nº	Resource	Tasks
1	Test Manager	- Manage the whole project
2	Test Designer	- Implement the test cases and test suite
3	Tester	- Identifying and describing appropriate test techniques/ tools/ automation architecture - Execute the tests, Log results, Report the defects - Create, execute and maintain automated test scripts

### 6. SCHEDULE & ESTIMATION

#### 6.1. All project task and estimation

Task	Members	Estimate effort
Create the test specification	Test Designer	2 man-hour
Perform Test Execution	Tester	1 man-hour

Create the automated test scripts	Tester	16 man-hour
Perform the automated test scripts	Tester	1 man-hour
Test Report	Tester	1 man-hour
Test Delivery	Tester	1 man-hour
<b>TOTAL</b>		<b>22 man-hour</b>

## 7. TEST DELIVERABLES

Test deliverables are provided as below

### 7.1. Before testing phase

- Test plans document.
- Test cases documents
- Test Suites specifications

### 7.2. During the testing

- Test Tool
- Test Data

### 7.3. After the testing cycles is over

- Test Results/reports
- Defect Report

# **Part 02 – Test Cases**

# TEST CASES

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	001	Test Designed date	2019/11/29		
Description	Validate the Filter Search Results by Category	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
5	Select an option in the dropdown next to the search	Corporate Payments	The value should be set in the dropdown	The value was set in the dropdown	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass



Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	002	Test Designed date	2019/11/29		
Description	Validate the Filter Search Results by Search Term	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	Corporate	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	003	Test Designed date	2019/11/29		
Description	Validate the Filter Search Results by Category and Search Term	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Select an option in the dropdown next to the search	Corporate Payments	The value should be set in the dropdown	The value was set in the dropdown	Pass
4	Input the Search Term	Corporate	The value should be set in the search box	The value was set in the search box	Pass
5	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	004	Test Designed date	2019/11/29		
Description	Validate the Search by Exact Match Search Term	Test Executed by	Ana Souza		
Test Priority	Medium	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	The Future for Mobile Wallets and B2B Corporate Payment Systems	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	005	Test Designed date	2019/11/29		
Description	Validate the Search by Similar Match Search Term	Test Executed by	Ana Souza		
Test Priority	Medium	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	Mobile Wallets	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	006	Test Designed date	2019/11/29		
Description	Validate the Search by Search Term Without Results	Test Executed by	Ana Souza		
Test Priority	Medium	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
2	Input the Search Term	XYZ	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The message "Sorry, there are no results that meet this criteria" should be displayed	The message "Sorry, there are no results that meet this criteria." was displayed	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	007	Test Designed date	2019/11/29		
Description	Validate the Search Term with Alphanumeric Characters	Test Executed by	Ana Souza		
Test Priority	Medium	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	B2B Corporate Payment Systems	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	008	Test Designed date	2019/11/29		
Description	Validate the Search Term with Special Characters	Test Executed by	Ana Souza		
Test Priority	Medium	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	What’s New in Corporate Business Traveller Booking?	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	009	Test Designed date	2019/11/29		
Description	Validate the Search Clicking the Search Button	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	Corporate Payment Systems	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass



Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	010	Test Designed date	2019/11/29		
Description	Validate the Search Pressing "Enter" on the Keyboard	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	Corporate Payment Systems	The value should be set in the search box	The value was set in the search box	Pass
4	Press "Enter" on the keyboard		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	011	Test Designed date	2019/11/29		
Description	Validate the "Next" button	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Select an option in the dropdown next to the search	Corporate Payments	The value should be set in the dropdown	The value was set in the dropdown	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass
5	Click on the "Next" Button		The system should be redirect to the next page	The system was redirect to the next page	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	012	Test Designed date	2019/11/29		
Description	Validate the "Previous" button	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Select an option in the dropdown next to the search	Corporate Payments	The value should be set in the dropdown	The value was set in the dropdown	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass
5	Click on the "Next" Button		The system should be redirect to the next page	The system was redirect to the next page	Pass
6	Click on the "Previous" Button		The system should be redirect to the previous page	The system was redirect to the previous page	Pass

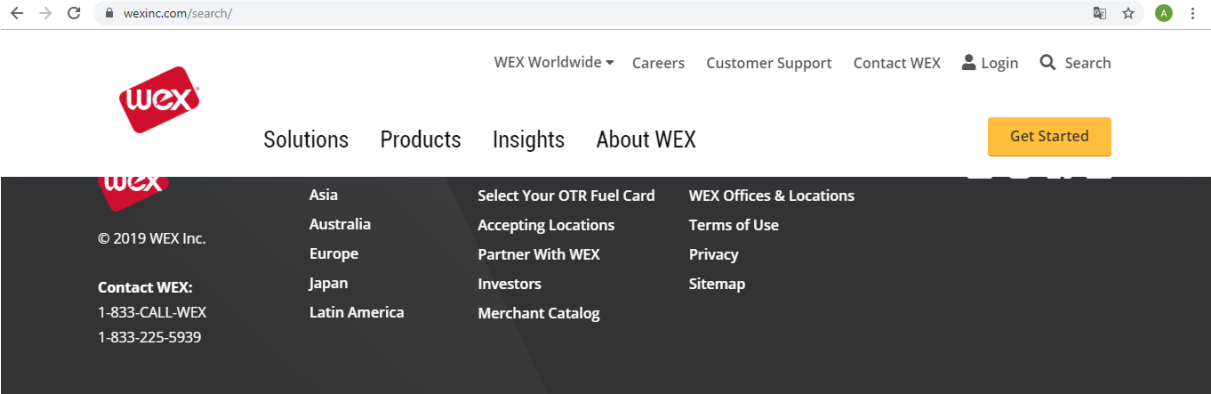
Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	013	Test Designed date	2019/11/29		
Description	Validate the Navigation Between Pages	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Select an option in the dropdown next to the search	Corporate Payments	The value should be set in the dropdown	The value was set in the dropdown	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass
5	Click on the "2" Button		The system should be redirect to the page 2	The system was redirect to the page 2	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	014	Test Designed date	2019/11/29		
Description	Validate the Link Title button	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	The Future for Mobile Wallets and B2B Corporate Payment Systems	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass
5	Click on the "Title"		The system should be redirect to the link title page	The system was redirect to the link title page	Pass

Project Name	Wex Search Functionality	Test Designed by	Ana Souza		
Test Case ID	015	Test Designed date	2019/11/29		
Description	Validate the "Read more" button	Test Executed by	Ana Souza		
Test Priority	High	Test Executed date	2019/12/01		
Test Browser	Google Chrome - Version 78.0.3904.108 (64 bits)				
Pre-Requisite					
There must be data in the system that fits the search criteria.					
Post-Requisite					
N/A					
Test Execution Steps					
Nº	Test Steps	Test Data	Expected Result	Actual Result	Status
1	Navigate to url	www.wexinc.com	Wex Search Page	Wex Search Page	Pass
2	Click on the "Search" Button in the menu		The search pop-up should be displayed	The search pop-up was displayed	Pass
3	Input the Search Term	The Future for Mobile Wallets and B2B Corporate Payment Systems	The value should be set in the search box	The value was set in the search box	Pass
4	Click on the "Search" Button		The search results that fit the criteria should be displayed	The search results that fit the criteria was displayed	Pass
5	Click on the "Read more"		The system should be redirect to the link title page	The system was redirect to the link title page	Pass

# **Part 03 – Bug Report**

# BUG REPORT

<b>Bug ID</b>	001	<b>Platform</b>	Web
<b>Bug Name</b>	The search page layout has been misconfigured	<b>Operating System</b>	Windows 10
<b>Reporter</b>	Ana Souza	<b>Browser</b>	Google Chrome - Version 78.0.3904.108 (64 bits)
<b>Submit Date</b>	2019/12/01		
<b>Severity</b>	Medium		
<b>Description</b>			
The system has misconfigured the layout when trying to search with the character ‘.’(dot)			
<b>Steps to reproduce</b>			
1. Navigate to url; 2. Click on the "Search" Button in the menu; 3. Input the character ‘.’ as the Search Term; 4. Click on the "Search" Button.			
<b>Expected result</b>			
The system should have displayed the results that fit the search criteria.			
<b>Actual result</b>			
The search page layout has been misconfigured.			
<b>Screenshot</b>			
			
<b>Notes</b>			