Test Report

Table of Contents

Testing Scope

Product/Feature	Testing Period	Tested Builds	Deployment Date
E-commerce with international delivery	**2020.12.01 – 2021.04.01**	**1.1**	**04.15.2020**
Shopping cart			
Customer Authentication (Login, Logout, registration)			
Search			
Product Categorise			
Orders			
Payment Processing			
Navigation Bar/header			
Breadcrumbs(Banner, pop-up, right side navigation)			
Wish List			
Account			
Checkout			
Coupon			
Footer			
Website Specific Content(Flash deals etc.)			

1.1. Test Environment

Test Environment	Software Details	Comments
	OS: Windows: 10, 8.1,8, 7, XP	
	MAC: Big Sur, Catalina, Mojave, High Siera, Siera	

Test Environment	Software Details	Comments
Production	Mozilla Firefox 88, 87, 85. 84	
	Google Chrome 89, 90, 41, 88	
	MS Internet Explorer 11	
	Microsoft Edge 89, 90DEV, 89Beta,	
	Yandex 14.17	
	Safari 5.1	
	OS: Android, iOS	
	Samsung S10E Samsung 11, Iphone 11 PRO 13.4	

1.2. Testing Team

Role	Name	Comments (e.g. test effort h)
Junior Tester	Dezsi Janos	50 h

Test Results

1.3. Executed Test Cases

Functionality	Total	Pass	Failed	Blocked	Not Run	Defects
Shopping cart-Positive Test Case	11	11	0	0	0	0
Shopping cart-Negative Test Case	3	3	0	0	0	0
Customer Authentication - Positive Test Case	4	4	0	0	0	0
Customer Authentication - Negative Test Case	7	7	0	0	0	0
Customer Authentication - Timeout of the login session	1	0	1	0	0	0
Customer Authentication - Backbutton page once logged in	1	1	0	0	0	0
Customer Authentication - Log out Search	1	a	1	0	0	0031899
Search	11	9	2	0	0	0031539, 0031911
Product Categorise	5	5	0	0	0	0
Place Orders	2	2	0	0	0	0
Payment Processing	6	6	0	0	0	0
Navigation Bar/header	3	3	0	0	0	0
Breadcrumbs	6	6	0	0	0	0
Wish List	3	3	0	0	0	0
Account	5	5	0	0	0	0
Checkout	9	9	0	0	0	0
Coupon	3	3	0	0	0	0
Footer	5	5	0	0	0	0
Support multiple browsers	7	7	0	0	0	0
Localization	1	0	1	0	0	0
Stress test	1	0	0	0	1	0
Load testing	1	0	0	0	1	0

Functionality	Total	Pass	Failed	Blocked	Not Run	Defects
Log in from multiple browsers	1	1	0	0	0	0
Overall Results	94	88	4	0	2	5

1.4. Exploratory testing

Functionality	Defects
Search Bar	0
Banners/Pop-up's	0
Sign UP	0
Search Bar	[0032025](#)
Sellers Store	0
Coupons	0
Add to Cart	0
Shopping Cart	0
Shipping Costs Estimation	
Checkout	0
Chat Box	0
Filtering/Ordering	0,
Customer Authentication	0
My Account	[0031831](#) (improvement)
Seller's Store Navigation	[0031924](#) (improvement)
Localization	[0031925](#)

*See the exploratory Test session reports.

1.5. Automated tests

Functionality	Total	Pass	Failed	Blocked	Not Run	Defects
UI	1	1	0	0	0	0
API	5	4	0	1	0	0

Conclusions

The testing was performed on the desktop version of the application, only the compatibility testing was performed on the mobile version as well.

In total 94 test cases were designed, Smoke Test, from which 93.61% passed, 4,25% failed and 2.13% were not run, because the application is already in production.

The following bugs have been found: 0031911 and 0031539 (related to the sorting/filtering part of the application, which has a different ,,behaviour'' on different browsers), 0032025 (searching functionality), 0031925 (localization), 0031899 (session time out) and two improvements, 0031831 (,,My Account'' section) and 0031924 (Sellers Store's section). With the constant changes and updates of the application it is very possible that new defects will be slipped in the builds.

Multiple testing types have been executed: Functional, Positive and Negative Testing, Exploratory Testing, Compatibility Testing, Localization Testing, UI Testing (only the banner was possible), Usability, Ad-Hoc, API Testing (status code 200; response time < 600 ms response type – HTML; -response body - contains title "AliExpress").

Bugs that were identified by Exploratory testing are related to the product category, are major and normal ones, they are related to other functionalities like finding and viewing the right product and adding it to the cart.

In the same time compatibility testing was also performed, with the help of BrowserStack for different browsers and devices. The bugs were reproduced on all browsers: Opera, Chrome, Mozilla (more versions) and on different operating systems like Windows, iOS or Android.

Also localization testing has been performed, with VPN and BrowserStack, and the application behaves as expected for the principal sites, and translates the web pages mostly correct, or it translates to English (standard language), regarding the country location.

It is highly recommendet to fix the reported bugs, for a better user experience and for a better product discovery, although the application is complex and is already in production.