

Software Test Report

Software Test Report for “KAYAK”

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1. Test Summary

1.1 Scope of Testing:

The primary objective was to ensure the functionality, usability, and compatibility of the “KAYAK” website.

This included testing the following main Modules :

- Flights
- Stays
- Cars
- Travel Restrictions
- Sign Up
- Login
- Help Page/FAQ
- Filters

Modules that were planned to be tested but were not:

- Account Settings
- Localisation

1.2 Testing Period:

The testing was conducted over about two weeks, from 2024-01-07 to 2024-01-23.

1.3 Testing Environment:

Tests were carried out on the “Testing environment” of the website, mirroring the production setup.

Browsers included desktop version Chrome.

1.4 High-Level Results:

- A total of 40 test cases were executed, with 236 individual steps:
227 passing, 9 failing.
All of the test cases passed.
- Major Open Issues included 1 medium priority bug with the user wishlist.

2. Testing Activities

The Test Activities section details the comprehensive and methodical approach undertaken to evaluate the functionality, and user experience of the “KAYAK Company website”.

This phase involved a series of targeted tests types designed to rigorously assess each aspect of the website, ensuring reliability and quality from the user’s perspective.

The following Testing Activities were performed in this sprint/s:

2.1 Smoke Tests

Over the course of the sprint, **no instances were identified where the smoke tests failed**. 10 smoke tests were conducted and documented.

2.2 Regression Test

Regression tests were not conducted.

2.3 Functional Testing

All functional testing has been conducted, confirming that all features and modules are operating as intended.

2.4 User Interface Testing

Our user interface testing has confirmed that the overall user experience aligns with our company's high standards.

2.5 Exploratory Testing

Our entire testing methodology was based on exploratory testing, as no documentation was provided prior to testing.

2.6 Compatibility Testing

Compatibility tests were not conducted.

2.7 Recovery Testing

Recovery tests were not conducted.

2.8 Security Testing

Security tests were not conducted.

3. Results and Findings

This section presents the key outcomes of our testing efforts on the “KAYAK” website.

Here, we will present the important **metrics** that will highlight both the strengths and the areas needing attention.

These metrics will provide a comprehensive understanding of the current state of the website's functionality, usability, and overall performance.

3.1 Test Execution:

- **Executed:** 40 test cases (100% of planned)
- **Passed:** 40 (100%)

3.2 Defects Logged:

- **Total:** 11 defects (Critical: 0, High: 0, Medium: 1, Low: 10)
- Open: 11
- In Progress: 0
- Fixed: 0
- Closed: 0

4. Open Issues, Risks and Go No Go

On this section we will present the unresolved critical issues and the potential risks that emerged during our testing process.

In addition to that we will outline here our Go No Go recommendation on whether the current state of the website aligns with our quality standards and criteria for going on “Live to Production”.

4.1 Unresolved Issues:

4.1.1 Medium Wishlist bug:

Description: The Wishlist page does not exist, although it appears that a database exists for items saved to the wishlist.

Impact: Medium - Affects user experience and trust as the link to the wishlist currently leads to a 404 page (with a nice animation).

Current Status: We are not aware of the current status as we do not work for KAYAK.

Risk: Could lead to increased customer support calls, dissatisfaction and confusion. Possible security risk since we don't know where the wishlisted items are being saved.

4.1.2 Go No Go Recommendation:

After thorough analysis and considering all test results, we recommend a 'Go' decision for the release of the KAYAK Company website.

Our testing experience indicates that the system is quite stable and performs well overall.

We acknowledge the presence of open issues and propose releasing them as known issues to the end-users, with a commitment to addressing them as soon as possible through immediate hotfixes.