

# TourRadar “Europe Adventures” page

## *Test plan*

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### 1. Introduction

This test plan aims to describe the testing strategy of the “Europe Adventures” page of the TourRadar website. The URL of the “Europe Adventures” page, as of 6th May 2023, is <https://www.tourradar.com/d/europe#>.

### 2. Objectives

- Define test cases, which would assure the quality of the page;
- Group the test cases accordingly into categories to cover multiple aspects of the page’s quality;
- Describe how each test case is to be performed;
- Create a document, which would be readable by anyone who wants to test/see how the page is being tested.

### 3. Scope

The scope of the test plan is the functional and non-functional parameters of the “Europe Adventures” TourRadar page. The test plan does not aim to cover test cases for the rest of the website.

### 4. Test Cases

This section contains brief information about each test category and the test cases to be performed as part of each category.

#### 4.1. Functional

##### 4.1.1. Unit tests

To be written by the feature developers.

## 4.1.2. User Acceptance

### 4.1.2.1. General

The User Acceptance tests roughly contain all relevant functional test cases, which would ensure that the feature has been developed according to all predefined acceptance criteria, i.e. the page functions as expected.

**UA:** The user can navigate to the Europe Adventures page from the TourRadar homepage. The user can see the Europe “All Adventures” button on the main page

<https://tourradar.com/>.

**Steps:**

1. Open <https://tourradar.com/>
2. Click on the Europe “All Adventures” button.

**Expected:** the user is sent to the <https://www.tourradar.com/d/europe#> page.

**UA:** The Europe Adventures page can be opened directly from the URL.

The user can navigate to the “Europe Adventures” page via the URL through the address

<https://www.tourradar.com/d/europe#> .

**Steps:**

1. In a given browser window, enter <https://www.tourradar.com/d/europe#> in the URL bar and hit enter.

**Expected:** the Europe Adventures page is successfully loaded.

**UA:** The content of the Europe Adventures page contains all expected sections.

The user can see all expected sections on the Europe Adventures page, i.e. the filters sidebar and all corresponding filters, the list of tour card items, the pager, etc, and their corresponding data.

**Steps:**

1. Open the Europe Adventures page.
2. Verify that all expected sections are present.

**Expected:** all expected sections are present on the Europe Adventures page.

**UA:** The TourRadar logo link on top of the page opens the main page.

The user can open the main page of the site via the TourRadar link logo on top of the Europe Adventures page.

**Steps:**

1. Open the Europe Adventures page.
2. Click on the TourRadar logo on top of the page.

**Expected:** the main page of TourRadar successfully loads.

**UA:** Navigating through the tour pages via the pager.

The user can navigate through the different tour pages using the pager at the bottom of the tours list.

**Steps:**

1. Open the Europe Adventures page.

2. Click on the second page on the pager.
3. Verify that the user is on the second page and that the element within the pager is highlighted in blue.
4. Go back to the first page.
5. Verify that the user is on the first page and that the element within the pager is highlighted in blue.

**Expected:** the user is sent to the corresponding page and the list of tours is updated based on the current page.

## 4.1.2.2. Filtering

**F:** Filtering by the Length filter.

The user can use the Length filter to filter by number of tour days.

**Steps:**

1. Open the Europe Adventures page.
2. Select a minimum of 7 days and maximum of 7 days in the Length filter.

**Expected:** all tour cards have a tour length of 7 days.

**F:** Filtering by the Adventure Styles filter.

The user can use the Adventure Styles filter..

**Steps:**

1. Open the Europe Adventures page.
2. Select "In-depth Cultural" and "River Cruise" options in the Adventure Styles filter.

**Expected:** all tour cards have an adventure style of either "In-depth Cultural" or "River Cruise".

**F:** Filtering by the Operated In filter.

The user can use the Operated In filter to filter by language used.

**Steps:**

1. Open the Europe Adventures page.
2. Select "German" and "French" options in the Operated In filter.

**Expected:** all tour cards have an operated in language of either "German" or "French".

*NOTE: Test cases for the remaining filters can be written in the same format, but will not write them all here as the idea is clear.*

**F:** Filtering by multiple filters - Adventure Styles and Operated In.

The user can filter by multiple filters.

**Steps:**

1. Open the Europe Adventures page.
2. Select "In-depth Cultural" and "River Cruise" options in the Adventure Styles filter.
3. Select "German" and "French" options in the Operated In filter.

**Expected:** All tour cards have an adventure style of either "In-depth Cultural" or "River Cruise". All tour cards have an operated in language of either "German" or "French".

**F:** Clearing all applied filters via the Clear All button.

The user can clear all applied filters using the Clear All button.

**Steps:**

1. Open the Europe Adventures page.
2. Use some filter, i.e. select "German" and "French" options in the Operated In filter.
3. Click on the Clear All button.

**Expected:** there are no longer applied filters.

### 4.1.2.3. Tours

**T:** Tour cards have all expected elements.

Each tour card has all expected elements within it - title, description, review, price, etc.

**Steps:**

1. Open the Europe Adventures page.
2. Verify that tour cards have all expected elements.

**Expected:** all tour cards have all expected elements - title, description, price, buttons.

**T:** Viewing a tour through the View tour button.

The user can view a tour via the View tour button.

**Steps:**

1. Open the Europe Adventures page.
2. Click the View tour button for the first tour, for instance.

**Expected:** a new page in a new tab is opened for the correct tour.

**T:** Viewing a tour by clicking on the photo thumbnail.

The user can view a tour by clicking on its photo thumbnail.

**Steps:**

1. Open the Europe Adventures page.
2. Click the View tour button for the first tour, for instance.

**Expected:** a new page in a new tab is opened for the correct tour.

**T:** Viewing the map of a tour.

The user can view the map of the tour by clicking on its map thumbnail.

**Steps:**

1. Open the Europe Adventures page.
2. Click the map thumbnail for the first tour, for instance.

**Expected:** a popup for the tour is opened with the map displayed and info about the tour.

**T:** Viewing a tour by clicking on the View tour button within the tour map popup.

The user can view a tour by clicking on the View tour button available within the tour map popup.

**Steps:**

1. Open the Europe Adventures page.
2. Click the map thumbnail for the first tour, for instance.
3. Click on the View tour button.

**Expected:** a new page in a new tab is opened for the correct tour.

**T:** Downloading a tour procedure via the tour card component.

The user can download the tour brochure to their email by clicking on the Download Brochure button within the tour component.

**Steps:**

1. Open the Europe Adventures page.
2. Click the Download Brochure button of the first tour, for instance.
3. Enter a valid email address which is to receive the brochure.
4. Click on the Download Brochure button.

**Expected:** an email with a link to the brochure is sent to the corresponding email.

**T:** Downloading a tour procedure via the map popup.

The user can download the tour brochure to their email via the map popup.

**Steps:**

1. Open the Europe Adventures page.
2. Click the map thumbnail for the first tour, for instance.
3. Enter a valid email address which is to receive the brochure.
4. Click on the Download Brochure button.

**Expected:** an email with a link to the brochure is sent to the corresponding email.

## 4.2. Non-Functional

### 4.2.1. Compatibility

**C:** The Europe Adventures page can be opened on all supported browsers and operating systems.

The user can open the Europe Adventures page on all supported browsers. The exact list of browsers and operating systems is to be aligned with the acceptance criteria and requirements of the feature.

**Steps:**

1. Open the Europe Adventures page via the link on the left-hand side menu.

**Expected:** The page loads successfully.

**Additional remarks:** Repeat the test case on each major browser.

**C:** The Europe Adventures page can be opened on all supported browsers on a mobile device.

The user can open the Europe Adventures page on all major browsers, on a mobile device.

**Steps:**

1. Open the Europe Adventures page on a mobile device or simply emulate a mobile device via a browser's dev tools.

**Expected:** The page loads successfully.

## 4.2.2. Performance

### 4.2.2.1. Load

**L:** The Europe Adventures page continues to be responsive when it is simultaneously accessed by the expected upper limit of number of users.

The page continues to be responsive within the expected timeframes when being simultaneously accessed by the expected upper limit of number of users.

**Steps:**

1. Simulate the expected upper limit number of users, simultaneously using the page.
2. Apply filters with each user so that more queries are made.

**Expected:** the page continues to be responsive and loads successfully on time.

### 4.2.2.2. Stress

**S:** The Europe Adventures page continues to be responsive when it is simultaneously accessed by a number of users, which is beyond the upper limit.

The page continues to be responsive within the expected timeframes when being simultaneously accessed by a number of users, which is beyond the upper limit.

**Steps:**

1. Simulate a number of simultaneous users accessing the Europe Adventures page, which exceeds the expected upper limit number of users.
2. Apply filters with each user so that more queries are made.

**Expected:** the page continues to be responsive and loads successfully on time.

**S:** The Europe Adventures page properly handles errors occurring when unable to respond to an excessive load.

The Europe Adventures page is able to properly handle errors when it is being unresponsive due to a large load and presents the user with meaningful information about the errors.

**Steps:**

1. Simulate a number of simultaneous users accessing the Europe Adventures page, which causes the page to crash.

**Expected:** the page presents the user with meaningful information about the occurred error and handles it properly without displaying sensitive information.

### 4.2.2.3. Accessibility

**A:** All elements within the page have appropriate accessibility attributes to allow for vision-impaired users to use it.

All elements within the page - within the filters sidebar, the tour cards, the pager, have appropriate HTML attributes for accessibility, such as aria labels and roles, so that vision-impaired users can use the page with specialised software.

**Steps:**

1. Open the Europe Adventures page and use an accessibility testing tool, such as the ANDI tool (<https://www.ssa.gov/accessibility/andi/help/install.html>), to verify that each

HTML tag has accessibility attributes, which allow specialised software to read out the content of the element and its purpose.

**Expected:** the page can be used by visually impaired users with specialised software. The HTML tags have the appropriate accessibility attributes, such as aria labels and roles.