- **Test Objective**: Verify the functionality, usability, and responsiveness of the TourRadar Europe page.
- **Test Items**: The test will cover the following items on the page:
  - Navigation links
  - Search functionality
  - Tour package listings
  - Tour package details
  - Booking process
  - Language selection
  - Contact information
  - Payment methods
  - Legal and policy links
- Test Approach:
  - **Functional Testing**: Verify that all links, buttons, and forms on the page work as expected.
  - **Usability Testing**: Check the user-friendliness of the page. Is the information well-organized and easy to understand? Are the navigation and search functions intuitive?
  - **Responsive Testing**: Test the page on various devices and screen sizes to ensure the layout and functionality work well across all of them.
  - **Performance Testing**: Check the page load time and responsiveness. The page should load quickly even on slow network connections.
  - **Security Testing**: Verify that secure protocols are used where necessary (e.g., during the booking process).
- **Test Environment**: The tests will be conducted on various browsers (Chrome, Firefox, Safari, Edge) and on different devices (desktop, tablet, mobile).
- Test Criteria:
  - **Pass**: The page loads correctly, all links and functions work as expected, the layout is responsive to different screen sizes, and no security issues are detected.
  - **Fail**: The page doesn't load correctly, one or more links or functions don't work as expected, the layout doesn't respond well to different screen sizes, or security issues are detected.
- **Test Deliverables**: Test plan, test cases, test scripts, and test results.
- Test Tasks:
  - Develop test cases and scripts
  - Set up the test environment
  - Execute test cases
  - Log and track any defects
  - Retest after defects are fixed
- **Test Schedule**: The test schedule will be determined based on the project timeline and resource availability.
- **Resource and Responsibility**: Assign team members to the tasks of developing and executing tests, logging defects, and retesting.
- **Risks and Contingencies**: Identify potential risks, such as delays in testing due to late delivery of the page or lack of resources, and plan for contingencies.

In order to manage the testing process more efficiently, the web page can be divided into different functional areas or modules. Each module can be tested independently before integrating and testing them together. Here's how the TourRadar Europe page can be divided:

- **Header Section**: This includes the logo, navigation links, language selection, and any other elements present in the header. This section is crucial as it often contains navigation that is used frequently.
- **Search and Filter Section**: This section allows users to search for specific tours and filter the results based on various parameters. It's important to ensure that the search and filter functionality works correctly, as it directly impacts the user's ability to find the information they're looking for.
- **Tour Listings Section**: This is the main part of the page where the tour packages are listed. Each listing includes details like the tour name, destinations, duration, price, and more. The functionality of this section, including the accuracy of the information and the responsiveness of the links, needs to be thoroughly tested.
- **Tour Details Section**: When a user clicks on a tour package, they should be taken to a detailed page with more information about the tour. This section needs to be tested for correct information display and functionality of any interactive elements.
- **Booking Process**: This includes the process a user goes through to book a tour, from selecting a tour to completing the payment. It's crucial to ensure that this process is seamless and secure.
- **Footer Section**: This contains links to various other pages like the company's contact information, legal information, and social media links. All links should be verified to ensure they lead to the correct destinations.
- **Responsiveness**: This isn't a physical section of the page, but it's an important aspect to test. The page should be tested on various devices and screen sizes to ensure it displays correctly and maintains functionality.

By dividing the webpage into these sections, the testing process can be more organized and efficient. Each tester or team can focus on a specific section, which allows for more detailed and focused testing. After each section is tested individually, integration testing can be performed to ensure all parts of the page work well together.

Test Case:

Test Case ID	Test Case Description	Test Step	Test Data	Expected Result
TC_01	Open the email page	1. Open the email page	URL of the email page	Email page is opened
		2. Retrieve the email from the email page	-	Email is retrieved
		3. Open a new tab with the base URL	Base URL	Base URL is opened
		4. Select the popularity filter	Popularity filter option	Popularity filter is selected
		5. Accept cookies	-	Cookies are accepted

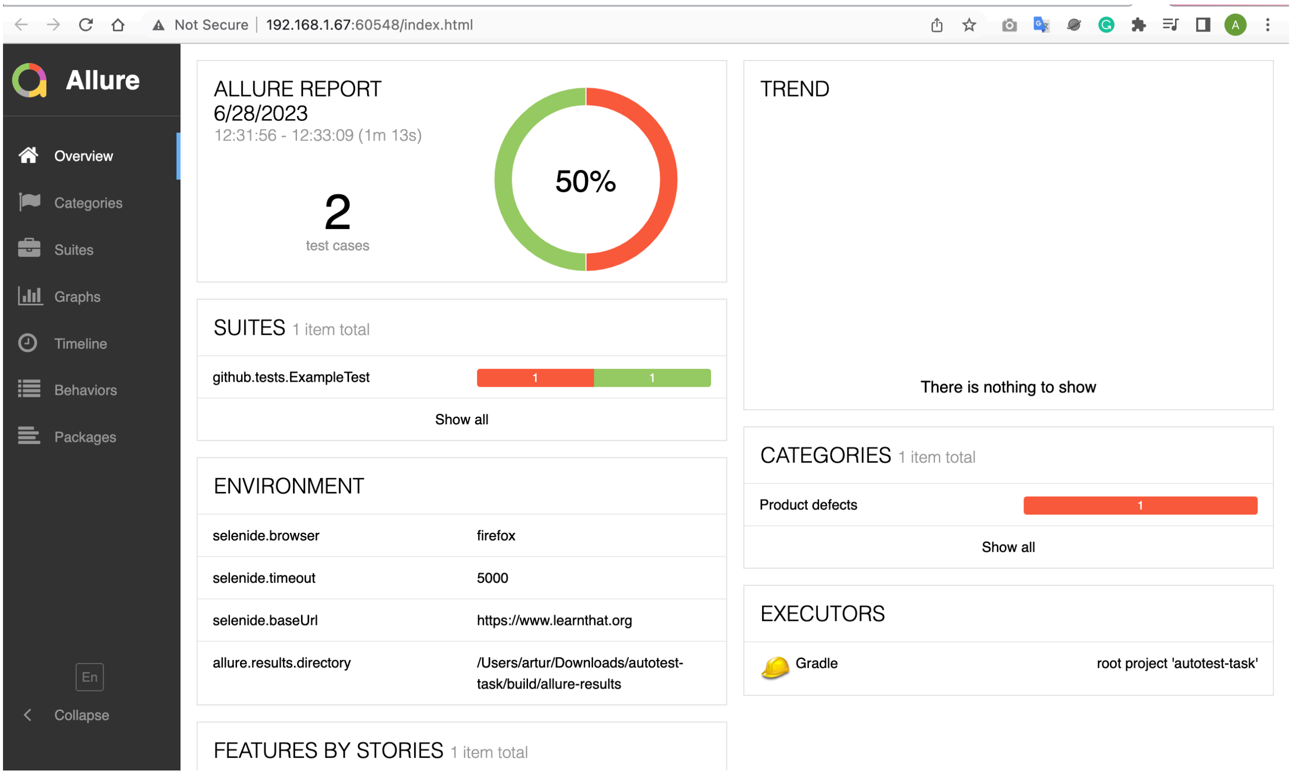
		6. Click on the "Download Brochure" button for the specified tour	Tour name: "Europe Escape - 12 Days"	Brochure download page is opened
		7. Enter the retrieved email in the download form and submit it	Retrieved email	Download is initiated
		8. Check the text on the brochure download confirmation page	-	Text matches expected
		9. Check the rating form on the confirmation page	-	Rating form is displayed
		10. Select a five-star rating	-	Five-star rating is selected
		11. Check the feedback area on the confirmation page	-	Feedback area is displayed
		12. Submit feedback	Feedback: "test data"	Feedback is submitted
		13. Check the feedback submission confirmation message	-	Confirmation message is displayed
		14. Switch back to the email page and check the information message related to the tour	-	Information message matches expected
		15. Open the first email message	-	First email message is opened
		16. Check the tour name in the email	-	Tour name matches "Europe Escape - 12 Days"
		17. Check the tour availability in the email	-	Tour availability matches expected
		18. Switch back to the email page and click on the "Download Brochure" link in the email	-	Brochure download is initiated
		19. Wait until the URL does not contain "tourradar"	-	URL does not contain "tourradar"
		20. Check the downloaded PDF file against the expected content	Path to the expected PDF file	The content of the downloaded PDF matches the expected content

Test Case ID	Test Case Description	Test Step	Test Data	Expected Result
TC_02	Check days filter and price sorting	1. Open the webpage	URL: "https://www.tourradar.com/d/europe"	Webpage is opened
		2. Accept cookies	-	Cookies are accepted
		3. Select the price sorting filter	Sorting option: "Price Highest First"	Price sorting filter is selected
		4. Set up the length of days filter	Days: "12"	Length of days filter is set to 12 days
		5. Check that all tours match the selected number of days	-	All tours match the selected number of days
		6. Check if the tour list is sorted by price in descending order	-	The tour list is sorted by price in descending order

Test Case ID	Test Case Description	Test Step	Test Data	Expected Result
TC_03	Verify that the search functionality works as expected	1. Load the webpage	URL of the webpage	Webpage is loaded
		2. Enter a valid search term in the search box and hit enter	Valid search term (e.g., name of a tour or destination)	The page displays relevant results based on the search term
TC_04	Verify that the details provided in the tour listings are accurate	1. Load the webpage	URL of the webpage	Webpage is loaded
		2. Select a tour from the list	-	Tour details page is opened
		3. Verify the details of the tour	-	The details of the tour match the information provided on the tour's specific page

Test Case ID	Test Case Description	Test Step	Test Data	Expected Result
TC_005	Verify that the webpage is responsive on different devices and screen sizes	1. Load the webpage on different devices (desktop, tablet, mobile) and different screen sizes	URL of the webpage, Devices: Desktop, Tablet, Mobile	Webpage is loaded on all devices
		2. Check the layout and functionality of the page on each device and screen size	-	The webpage displays correctly and maintains functionality on all devices and screen sizes

Test Report



ALLURE REPORT 6/28/2023
12:31:56 - 12:33:09 (1m 13s)

2
test cases

50%

SUITES 1 item total

github.tests.ExampleTest	1 1

Show all

ENVIRONMENT

selenide.browser	firefox
selenide.timeout	5000
selenide.baseUrl	https://www.learnthat.org
allure.results.directory	/Users/artur/Downloads/autotest-task/build/allure-results

FEATURES BY STORIES 1 item total

TREND

There is nothing to show

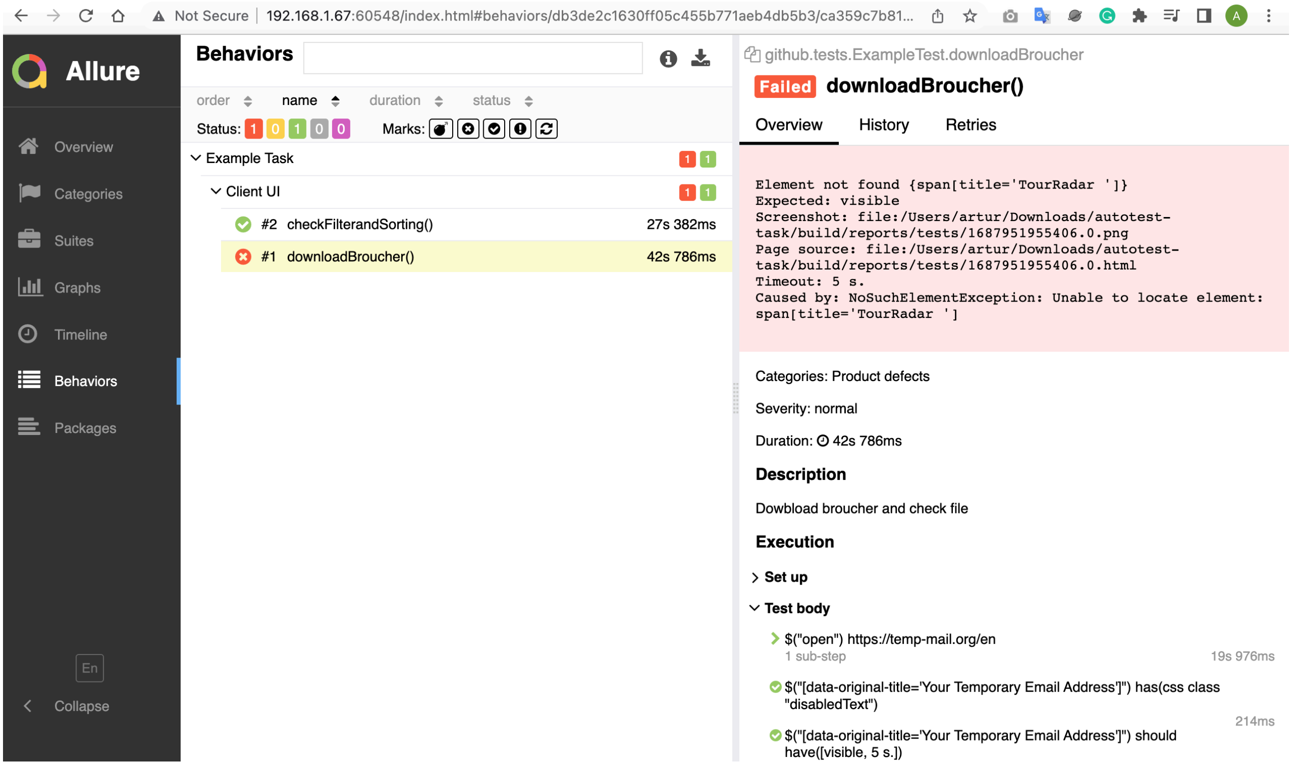
CATEGORIES 1 item total

Product defects	1

Show all

EXECUTORS

Gradle	root project 'autotest-task'



Example Task 1 1

Client UI 1 1

✓ #2 checkFilterandSorting() 27s 382ms

✗ #1 downloadBroucher() 42s 786ms

github.tests.ExampleTest.downloadBroucher

Failed downloadBroucher()

```
Element not found {span[title='TourRadar ']}
Expected: visible
Screenshot: file:/Users/artur/Downloads/autotest-task/build/reports/tests/1687951955406.0.png
Page source: file:/Users/artur/Downloads/autotest-task/build/reports/tests/1687951955406.0.html
Timeout: 5 s.
Caused by: NoSuchElementException: Unable to locate element: span[title='TourRadar ']
```

Categories: Product defects

Severity: normal

Duration: 42s 786ms

Description

Dowbload broucher and check file

Execution

> Set up

Test body

> $("open") https://temp-mail.org/en
1 sub-step 19s 976ms

✓ $("[data-original-title='Your Temporary Email Address']") has(css class "disabledText")
214ms

✓ $("[data-original-title='Your Temporary Email Address']") should have([visible, 5 s.])