

TEST PLAN

PROJECT NAME - DECATHLON



About us

This test plan is created to ensure the quality functionality of the Decathlon e-commerce website. The purpose of this document is to outline the testing approach and scope to validate the website's features and usability. Our goal is to identify and address any issues or bugs to deliver a seamless and user-friendly experience for all users.

Creation by - Sanjay Jatav

Creation date - 22-April-2025

Table of Contents

| | |
|-----------------------------|--|
| Objective..... | |
| Scope of Testing..... | |
| Testable Features..... | |
| Testing Approach..... | |
| Roles/Responsibilities..... | |
| Test Schedule..... | |
| Test Deliverables..... | |
| Test Environment/Tools..... | |
| Entry/Exit Criteria..... | |
| Risks and Mitigation..... | |
| Approvals..... | |

Objective:

The main objective of this test plan is to verify the functionality and usability of the Decathlon e-commerce website. Through testing, our goal is to improve the quality of the website and provide a seamless experience for all users.

AUT: <https://www.decathlon.in/>

Scope of Testing:

1. Homepage:

- Test if banners are visible and loading correctly.
- Test navigation menu (like Sports, Men, Women) to see if they go to the correct page.
- Click on features product categories and make sure they open the correct page.

2. Login and Signup:

- Test login with valid and invalid credentials.
- Check the error message for empty or invalid inputs.
- Test the signup form with all required fields.

3. Product Search and Filters:

- Test the search bar to find products and check if results are displayed.
- Test sorting options (price low to high, gender, etc).
- Apply filters like price, brand, and sport → and check if they work properly.

4. Product Details Page:

- Make sure product images, specifications, and reviews are showing..
- Check if the size and quantity selection is working..
- Test the “Add to Cart” button to see if it adds the item.

5. Cart and Checkout:

- Add and remove products from the cart.
- Apply promo codes and check if the discount is applied.
- Go through the checkout process and check if it completes successfully.

6. Contact Us Form:

- Fill and submit the contact form.
- Check if the success message appears.
- Try submitting with invalid inputs and check for error messages.

7. Footer Links:

- Test links like “About Us”, “Privacy Policy” to make sure they open the correct page.

Out of Scope:

- We are not testing performance.
- We are not testing the mobile app
- We are not testing the Delivery location, etc.

Testable Features:

- **Homepage**
- **User Authentication**
- **Product Search And Filtering**
- **Product Details**
- **Cart And Checkout**
- **Contact Us**
- **Footer Section Links**

Testing Approach:

1. Types of Testing:

- Functional Testing
- UI Testing
- Cross-Browser

2. Testing Techniques:

- Manual Testing: Exploratory testing, Ad-hoc testing.
- Automation Testing: End-to-end testing by Selenium Java

3. Test Data:

- Use realistic test data to simulate user scenarios.
- Include both valid and invalid data to test error handling and validation

Roles/Responsibilities:

| Name | Roles | Responsibilities |
|---------------|---------------|--|
| Pooja Yadav | Test Manager | <ul style="list-style-type: none">• Manage budget and resources• Allocating additional support resources.• Monitoring project. |
| Anjali Shaw | Test Lead | <ul style="list-style-type: none">• Create requirements documents and provide test engineers.• Assign tasks, set priorities, and provide support to team members.• Review test results. |
| Sanjay jataav | Test Engineer | <ul style="list-style-type: none">• Creating and executing a test plan, test scenario, and cases.• Reporting issues in Jira.• Maintaining test records in Google Sheets, Zephyr, and Google Docs.• Make sure all test results are documented. |

Test Schedule

The following is the test schedule planned for the project :

| Task | Time Duration |
|---------------------------|---------------|
| Test Plan Creation | 22-April-2025 |
| Test Scenario Creation | 23-April-2025 |
| Test Case Creation | 23-April-2025 |
| Test Case Execution | 23-April-2025 |
| Bug Report | 24-April-2025 |
| Summary Report Submission | 25-April-2025 |
| Mind Map | 26-April-2025 |

Test Deliverables

| Deliverables | Description | Responsible Owner | Target Completion Date |
|----------------------------|--|-------------------|------------------------|
| Test Plan | It serves as a blueprint for testing activities and ensures all stakeholders are aligned. | Masai | 22-April-2025 |
| Test Scenario & Test Cases | Test scenarios and Test Cases are detailed documents that describe what to test and how to test. | Masai | 23-April-2025 |
| | | | |

| | | | |
|----------------|---|-------|---------------|
| Bug Report | A bug report documents any defects or issues found during testing. | Masai | 24-April-2025 |
| Summary Report | The test summary report provides a high-level overview of the testing activities, results, and conclusions. | Masai | 25-April-2025 |
| Mind Map | A mind map is a visual representation of the testing scope, scenarios, and test cases. | Masai | 26-April-2025 |

Test Environment:

The testing for the Decathlon e-commerce website will be conducted in the following environment-

1. Software:

- **Operating System:** Windows 10
- **Browsers:** chrome (latest version), Firefox(latest version), Edge(latest version)

2. Testing Tools:

- **Automation Tool:** Selenium Java
- **Cucumber plugin:** Writing test cases in Gherkin (Given, When, Then Format).

- **Extent Reports:** Test Result Reports.
- **Test Management Tool:** Jira, Zephyr, Google Sheets, Google Docs.
- **Bug Tracking Tool:** Jira
- **Visualization:** Mind Map

3. Other configurations:

- **Desktop Resolution:** 1920x1080
- **Mobile Resolution :**
 - 360x640 (Small devices)
 - 375x667 (Medium devices)
 - 414x896 (Large devices)

Entry & Exit Criteria:

The below are the entry & exit criteria for every phase of STLC

Requirement Analysis :

- **Entry Criteria :**

Once the testing team receives the requirements documents, and uses documents in the project. Includes what functions need to be tested and how the software should behave.

- **Exit Criteria :**

The testing team should thoroughly explore and understand each requirement listed in the documents. Any doubts or uncertainties regarding the requirements should be addressed and clarified to

ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

Test Planning :

- **Entry Criteria :**

Testable Requirements derived from the given requirements documents. The Test Plan Document includes the test strategy, which provides a high-level overview of how testing will be conducted.

- **Exit Criteria :**

The Test Plan is signed off by the Client(Masai).

Test Designing :

- **Entry Criteria :**

The test plan document needs to be reviewed and approved by the client, and then the test plan document is signed off by the client(Masai).

- **Exit Criteria :**

Test scenarios and Test Cases documents are prepared; they need to be reviewed and signed off by the client(Masai).

Test Execution :

- **Entry Criteria :**

Test scenarios and Test Cases documents are prepared; they need to be reviewed and signed off by the client(Masai).

- **Exit Criteria :**

Test Case Reports, Defect Reports are ready.

Test Closure :

- **Entry Criteria :**

Test Case Reports, Defect Reports are ready.

- **Exit Criteria :**

Test Summary Reports and Mind Map: an overview of the entire testing process

Risk & Mitigation :

The following is a list of possible risks and the ways to mitigate them :

| Risk | Mitigation |
|----------------------------|--|
| Limited time for testing | Prioritize test cases based on risk and business impact. |
| Test lead not available. | Communicate with the test manager to clarify my doubts and ensure alignment on testing priorities. |
| Website changes frequently | Use the Page Object Model to manage locators easily. |
| Tests are failing randomly | Use proper wait conditions(implicit wait, explicit wait) to handle loading issues. |
| Test data not available | Create dummy test accounts or ask the developer/team to give sample data for testing. |

Approvals :

Masai will send different types of documents for client approval, like below.

- Test Plan
- Test Scenarios and Test Cases
- Bug Report
- Summary Report
- Mind Map

Testing will only continue to the next steps once these approvals are done