TEST PLAN

FOR

JUMIA

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# 1. Introduction

This test plan has been created to communicate the test approach to team members. It includes the objectives, strategy, scope, schedule, risks, and approach. This document outlines the test deliverables and what is deemed in and out of scope.

## **1.1 Business Background**

Jumia is an African company that is now one of the best online e-commerce platforms. It offers customers the opportunity to buy any good of their choice and sell their products while earning more profits.

The website should be accessible to interested customers who have the link. With just a click on the link, the homepage of the website should be displayed.

The website should contain features such as the sign-up button, sign-in button, sell button, and products they have to offer.

## **1.2 Test Objectives**

This test plan has been developed to check the functional and non-functional aspects of the website. The test team is charged with the responsibility of ensuring the website is accessible and the features on it function properly.

The test team is responsible for testing the website for its functionality and compatibility to ensure it meets the requirements of the user.

The test team consists of the customer and the testers in this project.

## **1.3 Team Responsibilities**

| **Resource Name** | **Role** |
| --- | --- |
| Junior Tester | Test Case Documentation |
| Manual Tester | Manual Test Execution |
| Test Manager | Code and Documentation Review |
| QA Engineer | Release Note |

# Test Coverage / Scope

## **2.1 In Scope:**

The scope of the project is to carry out the functional and compatibility tests on the following on [https://](https://amazon.com/)www.jumia.com.ng

- Signup

- Shopping/Managing cart

- Checkout/Payment

## 2.2 Out of Scope:

- Registry

- Search

- Language

- Returns and Orders

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# Test Method / Approach

The project would involve functional testing of the web application. Black box testing, in which test users are not aware of the internal structure of the web application, would also be used. Some of the equipment that would be used includes Windows 10 functioning laptops with wifi connection.

Each tester would have these and access to the following web browsers:

* Google Chrome
* Mozilla Firefox and
* Microsoft Edge.

Web applications would be tested based on the pass or fail performance of the in-scope requirements. The Linux testing team would conduct daily meetings for progress reports till testing is complete.

## **3.1 Methods:**

1. Black box testing will play a large part in the testing process

2. Functional and compatibility testing would be executed

## **3.2 Approach**

1. Manual tests will be performed for each in-scope feature of the website and will be documented.

2. Automated unit tests are not part of the development process at this time.

# Test Environment

A wireless network connection is required for all members.

A desktop/laptop with all major tools installed was required as part of the test environment.

The major tools used are Firefox, Chrome, and Internet Explorer. Google Sheets, Microsoft Excel, and Google Drive were also used throughout the testing phase.

# Milestones / Deliverables

## **5.1 Test Schedule**

The initial test schedule follows………. 2/06/2025- 7/06/2025

| **Task Name** | **Members** | **Estimate effort** | **Start time** | **Comments** |
| --- | --- | --- | --- | --- |
| Requirement analysis | Testing team | 3-man hour | 2/06/2025  9:00 pm | First step in STLC. The test team understands the requirements in terms of what will be tested |
| Test Planning | Testing lead, testing team | 6 man-hour | 2/06/2025  10:00 pm | The initial stage of STLC, where the testing strategy is discussed |
| Create initial test estimates | Testing team | 3 man-hour | 2/06/2025  11:30 pm | A schedule is drawn with an expected start and end date and total man-hours involved |
| Test Status Report | Testing lead, testing team | 3-man hour | 3/06/2025  9:00 pm | Daily meeting to review test progress |
| Test case development | Testing team | 6 man-hour | 4/06/2025  9:00 am | Creation and verification of test cases and test scripts |
| Test environment setup | Testing team | 2 man-hours | 4/06/2025  87:30am | Test environment setup in anticipation of actual testing |
| Test Status Report | Testing lead, testing team | 3-man hour | 5/06/2025  9:00 pm | Daily meeting to review test progress |
| Functional testing- iteration 1 | Testing team | 6 man-hour | 6/06/2025  12:00 am | Execution of test cases begins |
| Bug report | Testing lead | 1 man hour | 6/06/2025  1:00 am | Logging of bug on the Jira board |
| Test Status Report | Testing lead, testing team | 3-man hour | 6/06/2025  9:00 pm | Daily meeting to review test progress |
| Resolution of final defects and bug report, build testing | QA engineers, developers | 6-man hour | 7/06/2025  9:00 am | The final stage of testing, where the website is reviewed once again |
| Test summary report | Testing team | 3-man hour | 7/06/2025  12:00 pm | A document detailing total test cases, along with pass/fail status, is created |
| Test cycle closure | Testing team | 3-man hour | 7/06/2025  9:00 pm | Final meeting involving strategies to be implemented in future tests and lessons from current test cycles |
| TOTAL |  | 48 man-hour |  | Total expected man-hours spent |

## **5.2 Deliverables**

| **Deliverable** | **For** | **Date / Milestone** |
| --- | --- | --- |
| Requirement analysis | Test Team Captain, Test Team members | 2/06/2025 |
| Test Plan | Test Team Captain, Test Team members | 2/06/2025 |
| Test Status Report | Test Team Captain, Test Team members | 2/06/2025 |
| Test case development | Test Team Captain, Test Team members | 3/06/2025 |
| Test Environment setup | Test Team Captain, Test Team members | 3/06/2025 |
| Test Execution | Test Team Captain, Test Team members | 4/06/2025 |
| Test Results/Test cycle closure | Test Team Captain, Test Team members | 7/06/2025 |

# Assumptions / Risks

## **6.1 Assumptions**

This section lists assumptions that are made specific to this project.

1. The website was initially deployed without testing.

## **6.2 Risks**

The following risks have been identified, and the appropriate action has been identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk were triggered. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

| **#** | **Risk** | **Impact** | **Trigger** | **Mitigation Plan** |
| --- | --- | --- | --- | --- |
| 1 | Tight Project schedule | Low | Deadline of the project | Increase the official working hours of team members |
| 2 | Team member location | Medium | Physical meet-up of the testing team | Virtual meeting of all members to discuss the progress report |
| 3 | Different time zones | Medium | Setting deadlines for team members | Setting unique deadlines for members with different time zones |