TEST PLAN

FOR

JUMIA

BY

UGONWANYI OKECHUKWU

Table of Contents

1. Introduction

This document serves as a high level test planning document with details on the objective, scope and schedule of the project. It also highlights the test strategy, resource requirements, test deliverables, risks and approach.

1.1 Business Background

Jumia is an online market platform within Africa and one of the largest online e-commerce platforms in Nigeria. It offers customers the opportunity to buy or sell any product of their choice conveniently and at the best prices while opening up a new way for sellers to reach consumers and grow their businesses.

The website will be available online through the url link (www.jumia.com.ng).

1.2 Test Objectives

This test plan has been developed to check the functional and compatibility features of the Jumia website. The tester is charged with the responsibility of ensuring the in-scope features are functional and operable on the specified devices and browsers. The tester is also responsible for identifying and documenting bugs and defects to ensure that the application is reliable, efficient, and meets user requirements.

1.3 Tester Responsibilities

For this project the test team consists of the tester who executed this project.

Resource Name	Role
Tester	Test Case Documentation
Tester	Manual Test Execution
Tester	Test Summary Documentation

2. Test Coverage / Scope

2.1 In Scope:

The scope of the project includes functional and compatibility testing of the following features of the Jumia marketplace e-commerce web application https://www.jumia.com.ng.

- Signup

- Shopping/managing cart

- Checkout/Payment

2.2 Out of Scope:

All other features except as stated above

3. Test Approach / Method

This project will involve executing functional and compatibility testing of the Jumia web application following the methods stated below.

3.1 Approach

The test will be carried out in the following ways;

1. **Manual tests** will be performed for each in scope feature of the website and would be clearly documented.
2. **Automated** tests are not part of the testing process at this time.

3.2 Methods:

a. Black Box Testing - analysing the application's functionality without a thorough knowledge of its internal code design

b. Error Guessing - using intuition and domain knowledge to anticipate potential errors in the product.

c. Exploratory Testing – since there is no formal requirements documentation, experimental testing of the application for defects, vulnerabilities, and compatibility issues will be carried out.

d. Context Driven Testing – testing will be performed according to the unique functions of the features in-scope

e. Positive & Negative Testing - creating test scenarios and cases for the different features in scope using valid and invalid test input values

The Jumia platform will be tested based on the pass or fail performance of the in-scope requirements.

4. Test Environment

The devices used include
1. Windows 10 Pro with wifi connection
2. Iphone Xs Max mobile

Access to the following web browsers;
- Google Chrome 131.0.6778.85 for Windows
- Mozilla Firefox V 128.0.2
- Microsoft edge V 131.0.2903.51

For documentation and reporting, Google sheets, Google Docs and Google drive are also used throughout the testing phase.

5. Milestones / Deliverables

5.1 Test Schedule

The test schedule is as follows 11/11/2024- 22/11/2024

Task Name	Members	Start date	Comments
Test Planning	Tester	11/11/2024	Initial stage of STLC where testing strategy is planned
Test case development	Tester	12/11/2024	Creation and verification of test cases and test scripts
Test environment setup	Tester	13/11/2020	Test environment setup in anticipation of actual testing
Functional testing	Tester	14/11/2024	Execution of test cases begins
Compatibility testing	Tester	15/11/2024	Execution of test cases begins
Bug report	Tester	20/11/2024	Logging of bug on Jira board
Test summary report	Tester	20/11/2024	Document detailing total test cases along with pass/fail status is created

5.2 Deliverables

Deliverable	For	Date /Milestone
Test Plan document	Tester	22/11/2024
Test case document	Tester	22/11/2024
Test Execution	Tester	11-22/11/2024
Test Summary	Tester	22/11/2024

6. Bug/Defect Reporting

Below lists the procedure for reporting bug/defects found during the course of this project

1. During the test execution, any deviation from expected behaviour by the application will be noted and documented as a bug
2. After discovery of a defect, a report of the defect will be logged in Jira with steps to reproduce.
3. Any compatibility issues will also be reported
4. Defects will be documented in spreadsheets highlighting the level of severity

6.1 Assumptions

The following are assumptions on which this project is based

1. All out of scope features of the website have been tested and affirmed to be functional
2. There is stable and uninterrupted internet connection
3. There is uninterrupted power supply

6.2 Risks

#	Risk	Impact	Trigger	Mitigation Plan
1	Tight deadlines	High	Project deadline	Work extra hours of team members
2	Unstable power supply	Medium	Collapse of major/national power infrastructure	Alternative sources of power
3	Network downtime	Medium	Loss of network on internet modems	Alternative sources of internet connection