## Introduction

This document describes the test plan for the <http://automationpractice.com> website. The website is developed as the medium for trading the women fashion line. With this website, users can search, order and make transactions to buy products available in it.

This Test Plan document provides the high level design for testing the <http://automationpractice.com> website.



## Objectives

The objective of the testing is to provide adequate coverage metrics, requirements validation, and system’s quality. The outcome of the testing supported by this document would be useful for the stakeholders to make dicision to release the website and/or its parts.

The objective of this test project is to determine the quality of the deliverables of the project in order to contribute to the project objectives by testing these deliverables and reporting on quality issues after comparing with the requirements and acceptance criteria.



## Scope

### In Scope

The scope of this testing project is to test on following:

* Functionality - make sure all functions provided are working properly, as required.
* Usability of the system - including, but not limited to: redaction, UI
* Links - make sure all links displayed are working properly; directing to the correct page, no broken link.
* Multilanguage (if any)

### Out Of Scope

The following subjects are considered out of scope of this test project:

* Performance testing
* Interface with the Bank for payment process

## Entry and Exit Criteria

### Entry Criteria

The following criteria govern the kick-off of the testing execution, any deviation from the following entry criteria should be acknowledged and approved by stakeholders.

1. Business Requirement Documents Completed
2. Functional Specification Documents Completed
3. System Test Plan have been completed and signed off
4. All developed code must be unit tested. Unit and Link Testing must be completed and signed off by development team.
5. Testing Environments have been ready and set up properly

### Exit Criteria

The following criteria will be used to measure the system under test on the agreed testing end date whether the testing execution has been performed as expected and planned or not.

Any deviation from the following entry criteria should be acknowledged and approved by the stakeholders.

1. Test Cases for the in-scope modules are executed
2. All critical and high priority bugs are fixed and tested
3. If any medium or low priority bugs are outstanding, the implementation risk must be signed-off as acceptable by Business Analyst and Business Expert
4. All stakeholders have signed-off the testing closure document

## Testing Strategy

The Test Strategy presents the recommended approach to the testing of the software applications. This section describes how the system will be tested.

## Test Types

### Functional Testing

Testing will be related to the outputs generated in response to pre-defined selected inputs and conditions.

The Testers will execute the test cases that have been defined for the testing. The test cases defined have a coverage of the system functions and features that need to be covered in the testing.

### Integration Testing

Testing will evaluate and confirm that the website passes data correctly and the related functions work as per expected.

The Testers will execute the test scenario that cover from Signing in, search for the product, order, payment, and also make contact with customers.

### Automation Testing

Testing which allows the ability to automate testing, allows regular ongoing regression testing after any change or update. It allows an acceleration of testing being performed on a regular basis using testing tools.

Automation Testing will also be used to validate field level validation.

### Negative Testing

Tests designed to determine system capability in regard to error handling and validation.

## Tools

The following tools will be employed for testing the website:

* Defect Tracking Tool
* Automation Testing Tool
* Performance Testing Tool

## Defect Management

Following information will be used as the reference for defect management

### Defect Severity

Testers will use the following defect severity classification for the Defect Reporting:

1. Critical : Any crashes or show stoppers which prevent the testing progress. Missing configurations with high impact. Security Issues. No workarounds available within the agreed time limit.
2. High : Functionality issue, mismatch with requirements, inconsistent function behavior, data integrity
3. Medium : The defects which doesn’t have big impact, not in critical path, validation issue, error handling
4. Low : Defects mentioning good to have features, small screen issues, text, label, error message text modification, small configuration, usability

### Defect Fixing TAT

Defect fixing TAT will use following arrangement:

1. Critical : At maximum the issue/defect must be resolved and delivered within 1 (one) day since it reported and logged.
2. High : At maximum the issue/defect must be resolved and delivered within 2 (two) days since it reported and logged.
3. Medium : Issue/defect must be resolved and delivered within 4 (four) days.
4. Low : Issue/defect must be resolved and delivered within 1 (one) week.