Online Apparels shopping Website

Test Plan

## Ecommerce Website

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#### Version 1.0

# 1 Introduction

## 1.1 Project Summary

### 1.1.1 Objectives

* Enhancing client’s offline business of apparels by transforming it into online ecommerce website.
* Making online ecommerce platform for buyers to buy apparels from website.
* Customers/ buyers will be able to search for the various kinds of apparels for e.g. Shirts. Jeans etc. and will be able to order it from website by making online payment of products.
* Business owner will be able to manage his products by category and prices with different sizes & colors. Owner will be able to deliver the items to the buyers on shipping address mentioned by the buyer while placing an order.
* Customer will be able to track their order shipment.

### 1.1.2 Background

Website is necessary for simplifying the buying and selling process of apparels. Customers should be able to search the desired items and can place the order by making online payment of the items. Online website will help business owner to streamline his offline business of apparels selling and will grow his revenue by making business online.

# 2 Test Strategy

## 2.1 Testing Scope

The Components that will be tested will be software, mostly within the invenauto.test site. As such, web items that will be useful to the customer will be tested for proper functionality.

### 2.1.1 In scope Testing

* Black box testing
  + Login
  + Registration
  + Search Products
  + Product listing and search results
  + Product details with available variations
  + Add to cart
  + Add to Wishlist
  + Checkout procedure
  + Place the order
  + My account
  + Reset password
  + Contact Support

### 2.1.2 Out of scope Testing

* Api Testing
* Integration testing
* System Testing
* Install/Uninstall Testing

## 2.2 Testing type

The testing that will be conducted will be Black box testing. Testing will be conducted via a mix of manual an automated tests.

## 2.3 Risks and Issues

### 2.3.1 Risks

* Changes to website
* Updated prices/ items
* Site links stop functioning
* Team member lacks required skills for website testing

### 2.3.2 Issues

* Missing some functions
  + Wishlist
  + Bug involving Maximum price filter

## 2.4 Test Logistics

Testing will be conducted by a team of four testers.

Testing will be conducted over a span of three sprints. The first sprint will consist of project planning and creation, and manual testing. The Second sprint will be mostly manual testing, with a shift into automated testing. The final Sprint will be completing any remaining manual tests and completing automated testing.

Testing will be roughly 18-24 Hours total.

# 3 Test Objectives

The goal of the tests is to have a fully functional website, in which all of the expected results are met.

Functionality and GUI are the features to be tested

# 4 Test Criteria

## 4.1 Suspension Criteria

If QA team finds that over 40% of test cases have failed, testing should be suspended until the development team fixes all failed cases.

## 4.2 Exit Criteria

Before proceeding to the next phase of development 94% of all critical tests must pass.

# 5 Test Environment Setup

## 5.1 Project management

Jira will be the project management tool for this project

## 5.2 Website

The website that will be used for testing is invenauto.tech. This website is a development mockup for the ecommerce site that will be used.

## 5.3 IDE

The Integrated Development Environment for use with Automated testing will be Eclipse

## 5.4 Jenkins

Jenkins will be used to run a continuously developed build of the automated tests.

# 6 Test Schedule & Estimation

|  |  |  |  |
| --- | --- | --- | --- |
| Tester | Sprint 1 Tests (6 Hrs) | Sprint 2 Tests(6 Hrs) | Sprint 3 Tests (6 Hrs) |
| Michal Swepson | FR004.B2  FR008.B2 | TC002.B1.3  TC008.B3.2  TC001.B2.P2  TC001.B2.P4 | TC013.B1.3  Automate tests (Selenium, TestNg) |
| Maalik Winters | FR005.B4  FR004.B1 | TC002.B1.2  TC.008.B3.3  TC001.B2.N1  TC001.B2.N3 | TC013.B1.2  Automate tests (Selenium, TestNg) |
| Ben Ahrens | FR001.B1  FR007.B1 | TC002.B1.4  TC.008.B3.4  TC001.B2.N2  TC001.B2.N4 | TC013.B1.4  Automate tests (Selenium, TestNg) |
| Brandon Roper | FR003.B1  FR00.B4 | TC.002.B1.1  TC.008.B3.1  TC001.B2.P1  TC001.B2.P3 | TC013.B1.1  Automate tests (Selenium, TestNg) |

# 7 Test Deliverables

## 7.1 Required before testing

* Test Plan
* Test Design

## 7.2 During Testing

* Test Scripts
* Simulators or Emulators
* Test Data
* Error and Execution logs

## 7.3 After Testing

* Test Results
* Defect Reports
* Release Notes

# 8 Appendix

## 8.1 List of Acronyms

IDE: Integrated Development Environment

## 8.2 Glossary of terms

## 6.3 Related Documents

#### Online Apparels Shopping Website Business Requirements Document (BRD)