Test Plan document for Item page of Walmart’s online shopping website

# Introduction

This document is written to list the scope and approach of the project, with features to be tested, type of testing to be performed and risks associated with the plan

# Scope of Testing

When a customer searches for an item on Walmart’s online shopping website using a desktop browser Chrome, following items should be covered:

1. Item page has basic information: Title and Price
2. Item that’s available for online and in-store purchase, should have relative buttons available
3. Item that’s available for online purchase only, should have only online purchase related buttons
4. Item that’s available for in-store purchase only, should have only in-store purchase related buttons
5. Item that’s neither available online nor in-store, should have neither buttons
6. Validate contents of Item page that has reduced price
7. Validate contents of Item page that is exclusive to Walmart
8. Validate contents of Item page that has only one picture
9. Validate contents of Item page that has more than one picture
10. Validate contents of Item page that is sold and shipped by Walmart
11. Validate contents of Item page that is sold and shipped by third-party
12. Validate contents of Item page that has no reviews
13. Validate contents of Item page that has reviews
14. Validate contents of Item page that has reviews
15. Validate contents of Item page that is eligible for free returns
16. Validate contents of Item page that has specific return policy
17. Validate contents of Pickup section of Item Page
18. Validate contents of Shipping section of Item Page
19. Validate contents of Q&A section of Item Page
20. Validate default contents of Find in-Store section of Item Page
21. Validate contents of Find in-Store section of Item Page when update postal code

# Out – of - Scope of Testing

Following is not covered:

1. Mobile and responsive testing
2. Search functionality of the website
3. Workflow before and after the Item page view
4. Validity of the information against backend systems
5. Multi-browser testing against browsers other than Chrome
6. Performance and security testing

# Type of Testing

Automated End to End UI testing using BDD practices

# Test framework, tools and languages

Framework: Cucumber

Programming Language: Java

Reporting: Allure report

# Test Criteria

The testing will be suspended if 60% test cases failed

The testing will be considered successful if 80% test cases have been automated and have passed.

# Test Environment

<http://www.walmart.ca> production website

# Test Resources

Automation Engineer

# Test Schedule and Estimation

Finish 2-3 test cases automation in one weekend with reporting.

# Test Deliverable

Test automation project with atleast 2-3 test cases automated with reporting.