Test Plan

1. Introduction

1.1 Purpose

Test plan describes the testing approach and overall framework that will drive the testing of the instacart.am site.

1.2 Project Overview

Instacart is a grocery delivery startup, which has a smart ordering system so that user can select a store, product and courier for their orders.

2. Test Strategy

2.1 Test Objectives

The objective of the test is to verify that the functionality of instacart.am works according to the specifications.

2.2 Test Assumptions

- Test case design activities will be performed by QA
- During Functional testing, QA will use preloaded data which is available on the system at the time of execution

2.3 Test Principles

- Testing will be focused on meeting the business objectives and quality.
- Testing processes will be well defined, yet flexible, with the ability to change as needed.
- Testing will be a repeatable, quantifiable, and measurable activity.
- There will be entrance and exit criteria.

2.4 Test Levels

- Unit testing
- Integration testing

3. Test Criteria

3.1 Entry and Exit Criteria

- The entry criteria refer to the desirable conditions in order to start test execution.

- The exit criteria are the desirable conditions that need to be met in order proceed with the implementation.

3.2 Completion Criteria
- 100% Test Scripts executed
- 95% pass rate of Test Scripts
- No open Critical and High severity defects

4. Test Environment

A windows environment with Firefox 50.0, as well as Google Chrome 60.0 and later should be available to each tester.

5. Test Cases

Test cases must include test suite ID, test case ID, test data, test steps, precondition, expected result, actual result in the Mozilla and Chrome browsers. Software testing technique is Boundary Value Analysis. Tests are manual and automated.