TEST PLAN

Project Name: SpreeCommerce

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# Overview

As part of the project, ‘Client(XXX)’ has asked YYYY to test few functionalities of ‘https://demo.spreecommerce.org/” web application.

This document serves as high level test planning document with details on the scope of the project, test strategy, test schedule and resource requirements, test deliverables and schedule.

# Scope

The scope of the project includes testing the following features of ‘https://demo.spreecommerce.org web application.

## Inclusions

1. **User Registration**
   * Verify that users can register successfully with valid credentials.
   * Validate field-level validations (e.g., email format, password strength).
   * Ensure duplicate email registration is restricted.
2. **User Login**
   * Validate login with valid credentials.
   * Validate login with invalid credentials.
   * Verify 'Forgot Password' functionality.
3. **Product Search**
   * Validate search functionality with valid inputs.
   * Validate search functionality with invalid inputs.
   * Check filter and sorting options.
   * Ensure auto-suggestions and relevant search results.
4. **Add to Cart**
   * Verify adding single and multiple products to the cart.
   * Check updating product quantity and removing items.
   * Ensure product availability and stock validation.
   * Validate price calculations, discounts, and total amount updates.

From our understanding, we believe above functional areas will cover our Functional Testing Scenario.

## Test Environments

* Windows 10 + IE 11

## Exclusions

* All the features except that are mentioned under ‘Inclusions’

# Test Strategy

**Functional Testing**

YYY will create and execute the Test Cases for the above feature(s) mentioned in the ‘Inclusions’ for XXX ‘https://demo.spreecommerce.org/” Web Application.

We’ll apply below listed techniques to test the application:

**Functional Testing** – Testing each feature (within the scope of pilot) of XXX ‘https://demo.spreecommerce.org/” web application to identify things the product can do as per expectations.

**Flow & Scenario Testing** – Apart from testing individual features, flows and scenarios will be created to replicate end user actions with the application.

**Usability Testing** – Testing the ease with which the user and test whether the application built in user-friendly or not.

# Problem Tracking and Test Tracking Procedures

**Defect Reporting Procedure:**

During the test execution –

* Any deviation from expected behaviour by the application will be noted. If it can’t be reported as a defect, it’d be reported as an observation/issue or posed as a question.
* Any usability issues will also be reported.
* After discovery of a defect, it will be retested to verify reproducibility of the defect. Screenshots with steps to reproduce are documented.
* Every day, at the end of the test execution, defects encountered will be sent along with the observations.

Note:

* Defects will be documented in a word document.
* Test cases will be documented in an excel document.

# Roles/Responsibilities

|  |  |  |
| --- | --- | --- |
| Name | Role | Responsibilities |
| AAA | Test Manager | * Escalations |
| BBB | Test Lead | * Create the Test Plan and get the client signoffs * Interact with the application, create and execute the test cases * Report defects * Coordinate the test execution. Verify validity of the defects being reported. * Submit daily issue updates and summary defect reports to the client. * Attend any meeting with client. |
| CCC | Senior Test Engineer | * Interact with the application * Create and Execute the Test cases. * Report defects |