# TN: Team Name

# Storefront

# Test Plan

## *Revision History*

| Authors | Description of Change | Sections | Rev | Date |
|---|---|---|---|---|
| Brian Cabantug<br>Cameron McPhie<br>Jorge Salinas<br>Dominick Weaver | Initial Test Plans added | 1, 2 | O | 4/10/18 |
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# 1 Team Description

| Team Member Name | Email Address |
|---|---|
| Jorge Salinas | salinasjf@csu.fullerton.edu |
| Dominick Weaver | unrealsuperhero@csu.fullerton.edu |
| Brian Cabantug | bcabantug@csu.fullerton.edu |
| Cameron McPhie | quiksilver980@gmail.com |

# 2 Test Description

The following tests will ensure that UI buttons and events will support the functions they are given.

## 2.1 Test Platform / Hardware / Environment

The equipment that will be used to conduct the test will be a local computer that contains a PHP local server with MySQL and a browser to test the front-end. The software environment will be utilizing PHP 7.0.28 with MySQL 5.7.21 to serve as the database backend for the inventory. We will be testing the website frontend with use on multiple browsers such as Google Chrome, Mozilla Firefox, Safari, Microsoft Edge, and/or Opera. Javascript ES6 will be utilized for form validation.

## 2.2 Test Definition

### 2.2.1 Store Owner Account Test

Requirements Tested: RID-021, RID-050, RID-051

Description: Create a test Owner Account and make sure it is remembered by the system. Log out of the account and be able to log back into that created account.

### 2.2.2 Test Storefront Product View

Requirements Tested: RID-031, RID-071, RID-072, RID-081, RID-082

Description: Loading the landing page will consist of products previously uploaded by store owners and for each product there will be. Products with an active state set to true should be visible. Products with a deactive state set to true should not be visible.

### 2.2.3 Store Owner Product Properties Test

Requirements Tested: RID-041, RID-071, RID-072, RID-081, RID-082

Description: Upload test products through a test shop owner account. Test all combinations of given and missing product properties (name, price, sku number, and description). All fields must have valid information to be able to confirmed for upload. Any uploaded product must have its active and deactive states set.

### 2.2.4 Store Owner Product Visibility

Requirements Tested: RID-042

Description: Ensure that a product can be set to a hidden or visible state to the customer through a store owner account. A product set to hidden should not be visible to the customer. A product set to visible should be visible to the customer.

### 2.2.5 Select Products Test

Requirements Tested: RID-032,RID-061, RID-062

Description: Clicking on the purchase button when product stock is greater than zero and product is active will redirect a customer to the checkout process.

### 2.2.6 Checkout Test

Requirements Tested: RID-091, RID-092

Description: A customer should only be able to checkout one item at a time. The customer must be able to confirm their purchase details before buying.

### 2.2.7 View Orders Test

Requirements Tested: RID-101

Description: Clicking on view orders button on store owners home page will provide a receipt of all sold items store owner has sold.

### 2.2.8 Store Owner Product Modification Test

Requirements Tested: RID-111

Description: The store owner should be able to modify the properties of any product in their storefront.

### 2.2.9 Search Product Test

Requirements Tested: RID-033

Description: At landing page user should be able to filter/search for specific product.

## 2.3 Verification Cross Reference Matrix

| Requirement Identifier | Where Tested |
|---|---|
| RID-021 | 2.2.1 |
| RID-031 | 2.2.2 |
| RID-032 | 2.2.5 |
| RID-033 | 2.2.9 |
| RID-041 | 2.2.3 |
| RID-042 | 2.2.4 |
| RID-051 | 2.2.1 |
| RID-061 | 2.2.5 |
| RID-062 | 2.2.5 |
| RID-071 | 2.2.2, 2.2.3 |
| RID-072 | 2.2.2, 2.2.3 |
| RID-081 | 2.2.2, 2.2.3 |
| RID-082 | 2.2.2, 2.2.3 |
| RID-091 | 2.2.6 |
| RID-092 | 2.2.6 |
| RID-101 | 2.2.7 |
| RID-111 | 2.2.8 |