

TN: Team Name

Storefront

Test Plan

Revision History

Authors	Description of Change	Sections	Rev	Date
Brian Cabantug Cameron McPhie Jorge Salinas Dominick Weaver	Initial Test Plans added	1, 2	O	4/10/18
Brian Cabantug Cameron McPhie Jorge Salinas Dominick Weaver	Removed some requirements	2	1	4/29/18

Table of Contents

Team Description	5
Test Description	5
Test Platform / Hardware / Environment	6
Test Definition	6
Store Owner Account Test	6
Test Storefront Product View	6
Store Owner Product Properties Test	6
Store Owner Product Visibility	7
Select Products Test	7
Checkout Test	7
View Orders Test	7
Store Owner Product Modification Test	7
Verification Cross Reference Matrix	9

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	cmcphie@csu.fullerton.edu

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-081

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-081

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

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 Store Owner Log Out Test

Requirement Tested:

RID-120

Description: The Store Owner can log out of their account and become lose the privileges of a Store Owner by pressing the “Logout” button on their store home page.

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-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-081	2.2.2, 2.2.3
RID-091	2.2.6
RID-101	2.2.7
RID-111	2.2.8