

TN Team Name

Online Marketplace Storefront

Written Requirements

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Revision History

Authors	Description of Change	Sections	Rev	Date
Cameron, Brian, Jorge, Dominick	Added initial written requirements	1, 2	0	2/27/18

1 Team Description

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2 Terminology

The following table defined terms used within this document.

Term	Definition
Storefront	Website for project, GUI.
Inventory	Database that stores products, orders, accounts, etc..
Server	Server that web server and database server will be hosted on.
Store Owner	customer that has a profile and uploads products to sell. Manages product inventory
Customer	customer that accesses the Storefront to make purchases. Does not modify product description or inventory
Product	An item available for purchase on the Storefront

Online Marketplace Storefront

2.1 Overview

The Web Application **shall** support the following capabilities:

- Storefront
- Store Owner Account Creation
- Store Owner Product Added
- Store Owner Log In
- Select Product
- Store Owner Deactivate Product
- Checkout
- Store Owner View Order

2.1.1 <Storefront Product View>

Products available for purchase **will be** listed when **any of** the following conditions are met:

2.1.2 <Customer loads the website>

The website will load the default page of products

2.1.3 <customer loads the website with a search query>

The website will return all products that meet the criteria of the search

2.2 <Store Owner Account Creation>

The system **shall** support store owner account creation when all of the following conditions are met.

3.2.1 <Valid Credentials>

A store owner enters a valid username, password, and storename.

2.3 <Store Owner Activate Product>

The system **shall** support the viewing and purchasing of a product when all of the following conditions are met:

2.3.1 <Product Details added>

The store owner inputs the name, price, sku number, and description of the product.

2.3.2 <Product data implemented>

The store owner confirms the data to add to the inventory database

2.3.3 <Product visible>

The store owner makes the product visible to the Graphical customer interface for buyers

2.4 <Store Owner Log In>

The system **shall** give access to store owner's account when all the following conditions are met.

3.4.1 <Validate Credentials>

A store owner enters an existing customername and its corresponding password to be validated by the server.

2.5 <Select Product>

A product **shall** be selected for purchase when all of the following conditions are met.

3.5.1 <Purchase Option>

Product's purchase option has been selected

3.5.2 <In Stock>

Product is in stock

3.5.3 <Available>

Product is made available for purchase by Store Owner

2.6 <Store Owner Deactivate Product>

Store Owner **shall** be able to deactivate a product when **all of** the following conditions are met.

3.6.1 <Select Deactive>

Store owner has selected the deactivate button for the individual product.

3.6.2 <Confirm Deactivate>

Store owner has confirmed to continue with the deactivation process.

2.7 <Checkout>

Customer **shall** enter the checkout process when **all of** the following conditions are met:

2.7.1 <Proceed to Checkout>

Customer has selected "proceed to checkout"

2.7.2 <Confirm Purchase>

Customer makes a confirmation (double check) that the product is really the product they are going to purchase.

2.8 <Store Owner View Order>

Store Owner **shall** view all their orders when all of the following conditions are met.

3.8.1 <View Order Button>

Store Owner has selected the view orders option at their home page.

2.9 <Store Owner Modify Product>

Store Owner **shall** be able to modify a product's selected attributes when the following condition has been met

2.9.1 <Product Exists>

The product exists in the database

2.9.2 <Select Modify>

Store Owner has opted to modify the desired product AND has selected **at least one** of the following attributes to modify.

2.9.2.1 <Modify Product Name>

Store Owner has opted to modify the product name

2.9.2.2 <Modify Product Price>

Store Owner has opted to modify the product price

2.9.2.3 <Modify Product Description>

Store Owner has opted to modify the product description