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
Cameron, Brian, Jorge, Dominick	Made changes to Requirements	2	1	3/15/18
Cameron, Brian, Jorge, Dominick	Grammar Changes and Formatting Changes	2	2	4/2/18

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 uses the search query on the website
      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.

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

2.3   Store Owner Upload 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

- name
- price
- sku number
- 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.

2.4.1 Validate Credentials
A store owner enters an existing customer name 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.

2.5.1 Purchase Option
Product's purchase option has been selected while the product is indicated as in stock and available.

2.5.2 Checkout Redirection
Purchase option takes user to checkout

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

2.6.1 Select Activate
Store owner has selected the Activate button for the individual product.

2.6.2 Confirm Activate
Store owner has confirmed to continue with the Activation process.

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

2.7.1 Select Deactive
Store owner has selected the deactivate button for the individual product.

2.7.2 Confirm Deactivate
Store owner has confirmed to continue with the deactivation process.

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

2.8.1   Proceed to Checkout
Customer has selected "proceed to checkout"

2.8.2   Confirm Purchase
Customer makes a confirmation (double check) that the product is really the single item product they
are going to purchase.

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

2.9.1 View Order Button
Store Owner has selected the view orders option at their home page.

2.10 Store Owner Modify Product

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

2.10.1   Product Exists

The product exists in the database

2.10.2   Select Modify

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

2.10.2.1   Modify Product Details

Store Owner has opted to modify the product name, price, and description