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
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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
Viewable	A product state set by the Owner allowing that product to be seen by the Customer
Hidden	A product state set by the Owner allowing that product to be hidden to the Customer

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 Store Owner Account Creation

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

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

2.2 Storefront Product View

System shall provide a storefront product view consisting of the following display elements:

- Viewable Products
- Product purchase button for each product displayed
- Checkout button

2.2.1 Storefront product view shall be displayed upon request by the user
The website will load the default page of products

2.2.2 Storefront product view Search
The website will return all products that support the following capabilities:

- Search by price
- Search by Name

2.3 Store Owner Upload Product

The system **shall** allow an owner to upload a product with name, price, sku number, and description when the following conditions have been met

2.3.1 Product data implemented
The store owner confirms the data to add to the inventory database

2.3.2 Product view state
The store owner sets the view state as viewable or hidden from 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's stock count is greater than 0 and active.

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.

2.10.1 View Order Button
Store Owner has selected the view orders option at their home page (Store owner view is different than user/customer).

2.10 Store Owner Modify Product

System shall provide capability for Store Owner to modify any of the following items in the Product:

- Name:
- Price:
- Description: