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
Cameron, Brian, Jorge, Dominick	Changes of information/formatting	2	3	4/3/18
Cameron, Brian, Jorge, Dominick	Fixed numbering and added RID's	2	4	4/10/18
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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   *RID-010*

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

- Storefront
- Store Owner Account Creation
- Store Owner Product Creation/Deactivation/Management
- Store Owner Log In
- Select Product
- Checkout
- Store Owner View Order History

2.2 Store Owner Account Creation   *RID-020*

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

2.2.1 Valid Credentials   *RID-021*

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

2.3 Storefront Product View   *RID-030*

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

- Viewable Products
- Product purchase button for each product displayed

2.3.1 Storefront product view shall be displayed upon request by the user   *RID-031*

The website will load the default page of products of the store owner

2.3.2 Product purchase button   *RID-032*

The customer shall be able to click the purchase button for a particular product and be redirected to the checkout page.

2.4 Store Owner Upload Product   *RID-040*

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

2.4.1 Product data implemented   *RID-041*

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

2.4.2 Product view state   *RID-042*

The store owner sets the view state as viewable or hidden from the Graphical customer interface for buyers

2.5 Store Owner Log In   *RID-050*

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

2.5.1 Validate Credentials   *RID-051*

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

2.6 Select Product   *RID-060*

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

2.6.1 Purchase Option   *RID-061*

Product's purchase option has been selected while the product's stock count is greater than 0 and is set to viewable.

2.6.2 Checkout Redirection   *RID-062*

Purchase option takes user to checkout

2.7 Store Owner Activate Product   *RID-070*

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

2.7.1 Select Activate   *RID-071*

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

2.8 Store Owner Deactivate Product   *RID-080*

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

2.8.1 Select Deactive   *RID-081*

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

2.9 Checkout   *RID-090*

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

2.9.1 Proceed to Checkout   *RID-091*

Customer has selected "checkout"

2.10 Store Owner View Order   *RID-100*

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

2.10.1 View Order Button   *RID-101*

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

2.11 Store Owner Modify Product   *RID-110*

Store owner can modify a product to change its identification properties

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

- Name
- Price
- Description
- Quantity
- SKU

2.12 Log Out Process   *RID-120*

System shall log the store owner out of their account when the "Logout" button at store homepage is pressed.