

TN: Team Name
Online Marketplace Storefront
Use Case Report

Revision History

Authors	Description of Change	Sections	Rev	Date
Cameron, Brian, Jorge, Dominick	Added initial description of project, use case diagram and scenarios	1,2	O	2/6/2018
Cameron, Brian, Jorge, Dominick	Updated use case diagram and scenarios to reflect smaller scope of application	1,2	1	2/14/2018
Cameron, Brian, Jorge, Dominick	Updated scenarios and use case diagram	1,2	2	2/20/2018
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Table of Contents

Team Description	4
Project Description	4
Use Case Diagram	5
Use Case List	6
View Purchasable Products	6
Add a new product	6
Product unable to be added	7
Insufficient Information for product is added	7
Verify Credentials for store owner	7
Account is not present	7
Password is wrong	7
Customer Product Select	7
Product is out of stock	7
Customer Shipping Verification	7
Product not yet shipped	8
Product Shipped	8
Checkout Product(s)	8
Account Login	8
No account is present for store owner.	8
Store Owner Product Deactivation	9
Product was not on the storefront	9
Store Owner Edit Product Description	9
Store Owner Sales Report	9
Sales transactions are incomplete	9
Store Owner Inventory Status	10
Inventory does not update/refresh	10

1 Team Description

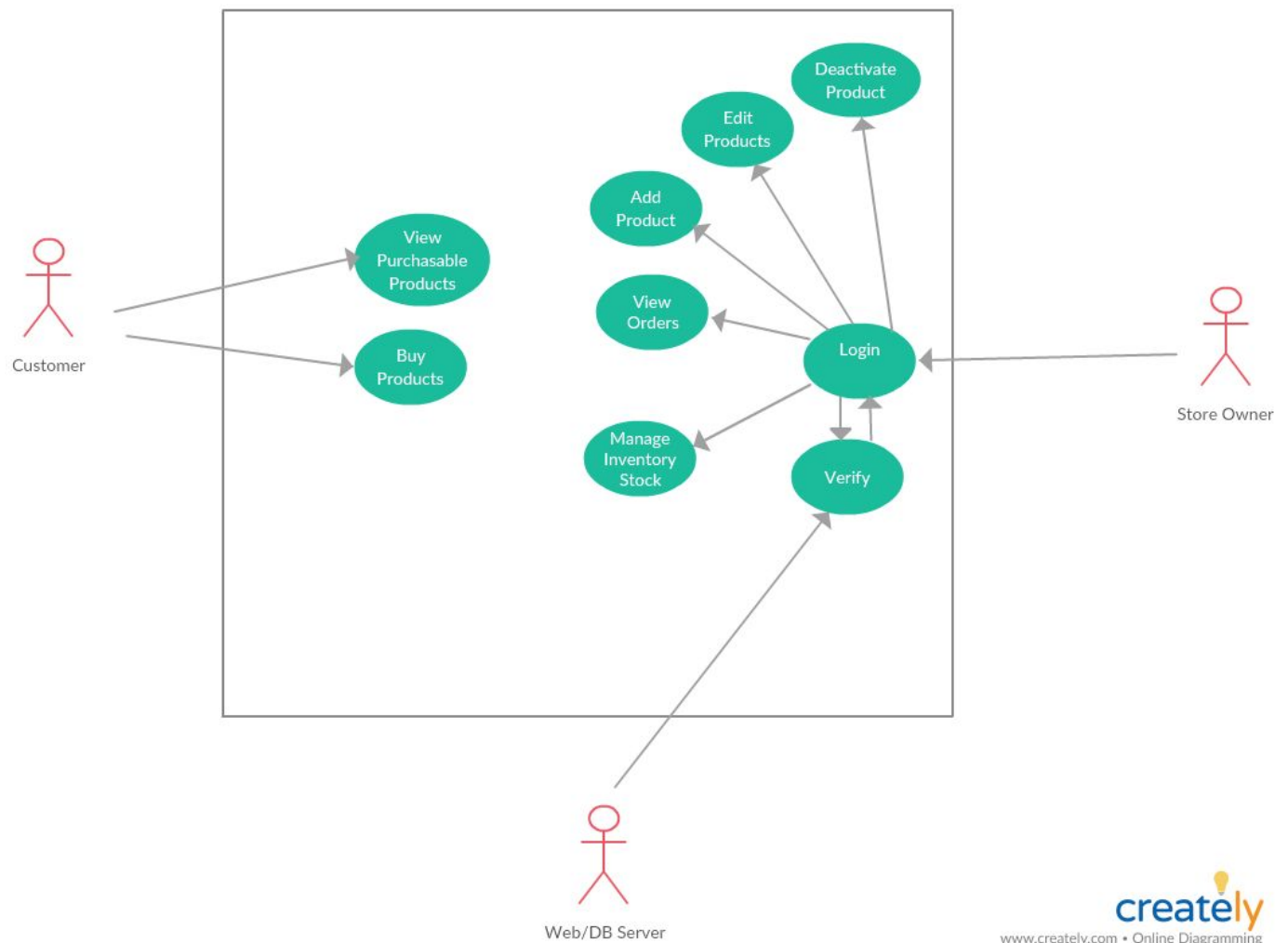
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2 Project Description

Statement of Purpose (Mission Statement): Deliver a reliable web storefront to be managed by the store owner.

Detailed Description: The web storefront provides an online platform for customers and sellers alike to complete transactions for goods. Buyers will be able to view items from the site, and make purchases. Sellers will be able to add, and manage the items on their storefront.

2.1 Use Case Diagram



2.2 Use Case List

Use Case		
Sequence Number	Actor	Goal
1	Customer	View purchasable products.
2	Store Owner	Add a new product
3	Web Server	Verify credentials for store owner.
4	Customer	Customer can select a product
5	Customer	Check out product
6	Store Owner	Account log in
7	Store Owner	Product Deactivation
8	Store Owner	Edit product description
9	Store Owner	View Orders
10	Store Owner	Inventory Status

2.2.1 View Purchasable Products

Primary Actor: Customer

Secondary Actor: Store Owner

Goal in Context: Customer will **view** products available for purchase.

Preconditions: Products need to be viewable/available to customer.

Additional Description: A customer can **view** products that have been added to the store and are made viewable, and its details.

2.2.1.1 A customer **views** a product that is not available for purchase.

Display error: Product has been **inactivated** from listing.

2.2.2 Add a new product

Primary Actor: Store Owner

Secondary Actors(s): Web Server

Goal in Context: **Upload** and **manage** products to sell to users

Preconditions: Web server needs to be up and the Store Owner must be logged in to the account associated to that store

Additional Description: Store owner **creates** product listings for the customer **view** and purchase.

2.2.2.1 Product unable to be added

Display error: Product unable to be added

2.2.2.2 Insufficient Information given for product to be added

Display error: Product unable to be added (no field can be left blank)

2.2.3 Verify Credentials for store owner

Primary Actor: Web server

Secondary Actor(s): Store Owner

Goal in Context: **Verify** credentials for accounts for store owners of the shop

Preconditions: Web server needs to be up/ account previously created

Additional Description:

2.2.3.1 Account is not present

Display Error: Account not recognized/Password is wrong

2.2.3.2 Password is wrong

Display Error: Account not recognized/Password is wrong

2.2.4 Customer Product Select

Primary Actor: Customer

Secondary Actor(s): Store Owner

Goal in Context: Customer can **select products** from the storefront to be purchased

Preconditions: Product exists on page. Product is in stock.

2.2.4.1 Product is out of stock

Display: Product is out of stock

2.2.5 Checkout Product

Primary Actor: Customer

Secondary Actor: Web Server, Store Owner

Goal in Context: Customer can **checkout** products they have selected.

Preconditions: Customer will have to have **selected** available products prior to checkout process. Store must have the item set to viewable and the item in stock.

Additional Description: A customer at the checkout process will **enter** mail information and their name.

2.2.5.1 Checking out a product that is out of stock.

Display error: Product is out of stock and can not be purchased at this time.

2.2.6 Store Owner Account Login

Primary Actor: Store Owner

Secondary Actor(s): Web Server

Goal in Context: Store Owner is able to login to their account

Additional Description: The store owner is able to login with their correct username and password that is stored in the database, allowing them to go to their owner landing page.

2.2.6.1 Login credentials are incorrect

Alert: Store Owner is unable to login and view their landing page.

2.2.7 Store Owner Product Deactivation

Primary Actor: Store Owner

Secondary Actor(s): Web Server

Goal in Context: Store Owner **hides** product from being able to be purchased

Preconditions: Product exists, is present on the web front, and is set to viewable.

Additional Description: The shop owner **hides** the page for the product so that the customer is unable to **access** its descriptions or **select** it for purchase.

2.2.7.1 Product was not on the storefront

Alert Customer: this product is no longer available

2.2.8 Store Owner Edit Product Description

Primary Actor: Store Owner

Secondary Actor(s): Web Server

Goal in Context: Product description is **changed** to reflect on the storefront

Preconditions: Product previously existed on the storefront

Additional Description: The shop owner **edits** the descriptors/properties for the product and the changes are **reflected** on the storefront.

2.2.9.1 Product edit is not successful.

Display error: Product edit not successful.

2.2.9 Store Owner View Orders

Primary Actor: Store Owner

Secondary Actor(s): Web Server

Goal in Context: Store owner is able to view all orders from customer that have been made.

Preconditions: Products from Store owner must have been purchased to create an order.

2.2.10 Store Owner Inventory Status

Primary Actor: Store Owner

Secondary Actor(s): Web Server, Customer

Goal in Context: Store Owner is able to **check** how many items are available through the store and the quantity of each item left in their store.

Preconditions: Product is present/created on the storefront

Additional Description: Store owner is able to **check** the current inventory of individual products on the storefront

2.2.10.1 Inventory does not update/refresh

Alert Shop Owner: Inventory could not be updated