Shop Products

Document Information

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| **Document Title** | Shop Products |
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1. Brief Description

Customers (new and existing) views available products from the website expecting to be able to find products that they are looking for and potentially purchase those items. It starts when customer clicks the Shop tab and ends when customer completes their purchase and their payment is verified.

1. Actors

The following roles and system are involved in one or more functionalities within the Shop Products use case:

* Customer (New)
* Customer (Existing)
* Payment Service

1. Pre-Conditions

The following conditions must be validated by the system to be true before Shop Products functionality begins:

* Customers must Sign up – a user must register in order to shop in this website.
* Customers (new and existing) must Sign In.

1. Basic Flow

The following steps are the normal course of events, otherwise called the “happy path.” This series of steps happen most of the time. This series of steps covers the full scope of activities within the Shop Products use case:

1. Customer clicks the Shop Tab
2. Customer views item(s) from the available products.
3. Customer clicks on Add to Cart button
4. Customer clicks on Check-out
5. Customer reviews their order
6. Customer clicks Make a Payment button and enter their credit card information
7. Their payment is verified by the Payment service.
8. Alternate/Exception Flows

The following alternate flow is a variation from the basic flow:

3a – Customer can also click on Add to Wishlist button if they are not ready to make a purchase yet.

4a – Customer can update their shopping cart if they wish to edit or add more products to their cart.

The following exception flow is an error, or a negative condition which prevents the process from finishing through to its conclusion until it’s addressed:

6a – Payment is not verified. Customer ends the process and purchase was not complete.

6b – Customer can use another card and try again. Otherwise, the use case ends, and the purchase will not push through.

1. Post Conditions

The following Post-conditions indicate the state of the system after the steps of the use case Shop Products are complete, considering the basic and alternate flows are followed:

* Customer finds the products they are looking for.
  + Customer views the product for consideration of purchase later.
  + Customer was able to make a purchase and revenue is received by the online shopping company.

1. Visual Model

Please refer to Shop Products use case in the Use Case Diagram.PDF

Revision History

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| --- | --- | --- | --- | --- |
| V. | Date | Author | Description | Status |
| 1.0 | October 4, 2019 | Marie de Guzman | Construction of the Shop Products use case | Draft |
| 1.1 | October 9, 2019 | Marie de Guzman | Final revision of the Shop Products use case | Final |