[Shopping Website] Use Case

Document Information

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| **Document Title** | *Shopping in Website* |
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1. Brief Description

This is the use case for the actions of a user purchasing items from a website. The case begins with the user searching for items to buy and ends with the confirmation of a successful transaction.

1. Actors

* User
* Admin System
* Inventory Database
* Payment Transaction System
* Orders Database

1. Pre-Conditions

* User must be logged in
* Inventory Database must contain products

1. Basic Flow
2. User searches Admin System for product
3. Inventory Database receives search request and searches inventory
4. Inventory Database responds with results from search
5. Results from search are displayed to User
6. User adds product to cart
7. User moves to checkout
8. Admin System transfers User payment information to Payment Transactions System
9. Payment Transaction System responds with complete transaction
10. Admin System sends the order to ship product to User
11. Admin System archives order in Order Database
12. Alternate/Exception Flows

4a – Inventory Database unable to find result User must return to step 1

6a – User Searches for product to Purchase and returns to step 1

8a – Payment Transaction System responds incomplete or invalid transaction User returns to step 6

1. Post Conditions

* Payment Transaction System must have sent confirmation of purchase
* Admin System must have filed product to be shipped
* Admin System must have added order to Orders Database

1. Visual Model

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