**Receive Order**

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| Receive Order | | | |
| Use case: | | **Receive Order** | |
| Actors: | | DSS(Detail Store System) | |
| Purpose: | | Receive Order from DSS and save it in the system. | |
| Overview: | | CSS receives an order from a DSS over a secure socket connection. CSS confirms the identity of the detail store and converts the received order to an active order in CSS and stores it in the system. The system goes through the order and updates the stock by reserving each item in the order and associates it to the order. As the system goes through the order; reserving items, it puts together a Confirmation to send back to the detail store. The Confirmation holds information about which items can be delivered and which is in backorder. | |
| Type: | | Essential | |
| Preconditions: | | The DSS is known by the System. | |
| Postconditions: | | An Order is created in the system and the stock is updated. | |
| Special Req.: | | No special requirements are needed. | |
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| Flow of Events | | | |
| Actor Action | | | **System Response** |
| 1. This use case starts when a Detail store system sends a request to CSS containing an order and store information. | | | 1. CSS responds to the request and a connection is established. |
|  | | | 1. CSS verifies the Detail store identity. |
|  | | | 1. CSS verifies that the Order is not a duplicate. |
|  | | | 1. CSS convert the incoming order to an order in CSS and store it in the system. |
|  | | | 1. CSS goes through the stock reserving and associating items to the Order. |
|  | | | 1. CSS creates a Confirmation and sends it to the DSS |
| 1. The DSS sends a “Close connection” message to CSS. | | |  |
|  | | | 1. CSS receives the “close connection” message, and closes the connection. |
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| Alternative Flow of Events | | | |
| Line 2: | CSS rejects the request (return to Line 1). | | |
| Line 3: | CSS cannot confirm the Detail store identity and rejects the order (**return to line 1**). | | |
| Line 4: | CSS find that the order is a duplicate (**go to line 9**) | | |
| Line 7: | The Detail store do not receive a Confirmation from CSS (**return to line 7 until timeout - on timeout go to line 9**) | | |