**Usecase: Place order**

Main flow

|  |  |  |
| --- | --- | --- |
| # | Doer | Action |
| 1 | Software | Call usecase View cart (after customer choose to place order of course ) |
| 2 | Customer | Request to place order |
| 3 | Software | asks the customer to update the delivery information and delivery  instructions |
| 4 | Customer | Enters and submits shipping infor |
| 5 | Software | displays the invoice |
| 6 | Customer | Confirms the invoice |
| 7 | Software | Save invoice |
| 8 | Software | Call Pay order |

Alternative flow

|  |  |  |
| --- | --- | --- |
| # | Doer | Action |
| 2a | Software | ask the customer to update the cart if the ordered quantity is greater than the quantity in inventory and show the available  quantity for each of those products |
| 3a | Customer | If customer chooses to place a rush order, call Place rush order and return step 5 |
| 4a | Software | Validates customer input and asks the customer to update again if a mandatory field is left blank or there exists invalid input |
| 4b | Software | if the customer has chosen to place a rush order, checks if there is media and the shipping address that are supported to place rush order. If there is no support either from any media or the shipping address, the software would notify the customer and ask the customer to update delivery information else go to 4c |
| 4c | Software | the software displays the screen for rush order, allowing  the customer to update rush order info |
|  |  |  |

**Use case: Place rush order**

Main flow

|  |  |  |
| --- | --- | --- |
| # | Doer | Action |
| 1 | Software | Displays rush order form |
| 2 | Customer | Fill the form with scheduled time |

**Usecase: View cart**

Main flow

|  |  |  |
| --- | --- | --- |
| # | Doer | Action |
| 1 | Software | display the information of the cart, including the subtotal before VAT, the subtotal with VAT, the list of products, and their information |
| 2 | Customer | Can edit the ordered quantity in the cart or remove the product from the cart. |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

Alternative flow:

|  |  |  |
| --- | --- | --- |
| # | Doer | Action |
| 1a | Software | notify the customer if the inventory quantity of any product is not enough and show the available quantity for each of those products |
| 1b | Software | If the customer place order sucessfully, software clear all the cart items. |

**Usecase: Pay order**

Main flow:

|  |  |  |
| --- | --- | --- |
| # | Doer | Action |
| 1 | Software | Display payment methods |
| 2 | Customer | Choose a payment method (currently by card only) |
| 3 | Customer | provide transaction info, including card info and transaction  description |
| 4 | Software | Link to interbank for the transaction |
| 5 | Interbank | Deduct money from cutomer card |
| 5 | Software | Displays the transaction ID, card holder name, the changed amount, transaction description, the balance, transaction date, and time. Also sends an email of invoice and transaction info to the customer. |

Alternative flow:

|  |  |  |
| --- | --- | --- |
| # | Doer | Action |
| 3a | Software | Check input, notify user if invalid format |
| 5a | interbank | Check if the provided card is wrong/ invalid/ not enough money, if so then notify the software |