## Use case “Place order”

## Basic flows

| No | Executor | Action |
| --- | --- | --- |
| 1 | Customer | View the cart and request to place an order |
| 2 | Program | Check if the cart condition is satisfied |
| 3 | Program | Ask the customer to update delivery information and delivery instruction |
| 4 | Customer | Update information, choose to place a rush order or not, submit order |
| 5 | Program | Validate input.  Check if the customer has placed a rush order |
| 6 | Program | Calculate shipping fees and display |
| 7 | Customer | Confirm the invoice |
| 8 | Program | Save the invoice and proceed to payment |
| 9 | Customer | Provide payment method |
| 10 | Program | Check successful payment, display transaction information and record it |
| 11 | Admin | Approve the order |

## Alternative flows

| No | Location | Condition | Action | Resume location |
| --- | --- | --- | --- | --- |
| 1 | Step 2 | The cart condition is not valid (ordered quantity > stored quantity) | Ask the customer to update their cart | Step 1 |
| 2 | Step 5 | The input is invalid or there is no support for rush order from any media or shipping address if rush order is chosen | Ask the customer to update delivery information | Step 4 |
| 3 | Step 10 | The customer cancel order | Refund full payment to the user |  |
| 4 | Step 11 | The admin reject the order or the software deny the order | Refund full payment to the user |  |