

AIMS use cases in specification

1. Use case “Add media to cart” in specification

1.1. Basic flow of events

#	Doer	Action
1	Customer	Selects a media, enter the number of media and requests to add to cart
2	Software	Checks if the media is available
3	Software	Adds the media to cart
4	Software	Update the number of media in the cart

1.2. Alternative events

Step	Doer	Condition	Resume event
2	Software	There are not enough media to add	The use case ends

2. Use case “Place order” in specification

2.1. Basic flow of events

#	Doer	Action
1	Customer	Requests to place an order
2	Software	Checks if there is another order placing
3	Customer	Add products to the cart
4	Software	Checks if the inventory quantity of any product is insufficient
5	Software	Notifies customer that the order is available
6	Customer	Provides the delivery information
7	Software	Asks the customer if he/she confirms the delivery information

2.2. Alternative events

Step	Doer	Condition	Resume event
2	Software	There's another order placing	The use case ends
4	Software	Some products are out of stock	The use case ends
5	Customer	Cancels the order	The use case ends
7	Customer	Cancels the order	The use case ends

3. Use case “Pay the order” in specification

3.1. Basic flow of events

#	Doer	Action
1	Software	Calculates shipping fees
2	Software	Saves the invoice (the list of products in the cart, their price, shipping fees, and the total amount of money to pay)
3	Customer	Proceeds to pay the order
4	Software	Records the transactions and the order
5	Software	Asks the customer if he/she want to complete the order

3.2. Alternative events

Step	Doer	Condition	Resume event
5	Customer	Cancels the order after payment	Refunds to the credit card