

Use Case “Place Rush Order”

1. Use case code

UC002

2. Brief Description

This use case describes the interaction between Customer and AIMS System when Customer wants to place rush order.

3. Actors

3.1. Customer

4. Preconditions

5. Basic Flow of Events

Step 1. The customer views the cart.

Step 2. The AIMS software checks the availability of products in the cart

Step 3. The AIMS software displays the cart

Step 4. The customer requests to place order

Step 5. The AIMS software displays the form of delivery information

Step 6. The customer enters and submits delivery information

Step 7. The customer chooses Rush Order option

Step 8. The AIMS software checks if the order can be equipped with rush delivery

Step 9. The AIMS software calculates shipping fees

Step 10. The AIMS software displays the invoice

Step 11. The customer confirms to place order

Step 12. The AIMS software calls UC “Pay order”

Step 13. The AIMS software creates a new order

Step 14. The AIMS software makes the cart empty

Step 15. The AIMS software displays the successful order notification.

6. Alternative flows

Table 1-Alternative flows of events for UC Place Rush Order

No	Location	Condition	Action	Resume Location
1.	Step 2	If the amount of product in storage is not enough.	The AIMS software notifies that the product amount is not enough.	Step 1
2.	Step 6	If some information is missing.	The AIMS software notifies that some information is missing.	Step 6
3.	Step 8	If the delivery address is not available for rush order or if there are not any products which are supported by rush delivery.	The AIMS software notifies that the order can not be rush delivered and the user needs to update delivery info.	Step 6

7. Input data

Table 2-Input data of Place Rush Order

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver name		Yes		Vu Quang Truong
2.	Phone number		Yes		121321214
3.	Province	Choose from a list	Yes		Hung Yen
4.	Address		Yes		1 st Dong Thanh, Quang Trung, Hung Yen
5.	Shipping instructions		No		

8. Output data

Table 3-Output data of Place Rush Order

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Harry Porter
2.	Price	Price of the corresponding media product	Comma for thousands separator Positive integer Right alignment	100,000

3.	Quantity	Quantity of the corresponding media	Positive integer Right alignment	2
4.	Amount	Total money of the corresponding media	Comma for thousands separator Positive integer Right alignment	200,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	Comma for thousands separator Positive integer Right alignment 1,116,000 3,143,000	2,000,000
6.	Subtotal	Total price of products in the cart with VAT		2,200,000
7.	Rush delivery fee	Additional money for rush delivery		10,000
7.	Shipping fees			25,000
8.	Total	Sum of subtotal and shipping fees		2,235,000
9.	Currency			VND
10.	Name			Vu Quang Truong
11.	Phone number			0988888888
12.	Province	Choose from a list		Hung yen

13.	Address			1 st , Dong Thanh, Quang Trung, Hung Yen
14.	Shipping Instruction			Giao sau 8h sáng

9. Postconditions