

## **Use Case “Place Rush Order”**

### **1. Use case code**

UC003

### **2. Brief description**

This use case describes the interaction between the Customer and the AIMS Software when the Customer wishes to place a rush order

### **3. Actors**

3.1. Customer

3.2. AIMS Software

### **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 checks for rush order availability
- Step 6. The AIMS software displays the form of delivery information, with rush order information
- Step 7. The customer enters and submits rush delivery information
- Step 8. The AIMS software calculates shipping fees
- Step 9. The AIMS software displays the invoice
- Step 10. The customer confirms to place order
- Step 11. The AIMS software calls UC “Pay order”
- Step 12. The AIMS software creates a new order
- Step 13. The AIMS software makes the cart empty
- Step 14. The AIMS software displays the successful order notification

## 6. Alternative flows

No	Location	Condition	Action	Resume location
1	At Step 3	If there is media of which quantity in the stock is less than the ordered quantity	<ul style="list-style-type: none"> <li>■ The AIMS software asks the customer to update the cart.</li> <li>■ The customer updates the cart.</li> </ul>	Resume at Step 2
2	At Step 5	If there is no media or shipping address that support rush order	<ul style="list-style-type: none"> <li>■ The AIMS software notifies the user.</li> </ul>	Resume at Step 6
3	At Step 7	If a mandatory field is left blank	<ul style="list-style-type: none"> <li>■ The AIMS software asks the customer to fill all the mandatory blanks.</li> </ul>	Resume at Step 5
4	At Step 7	If the phone number is invalid	<ul style="list-style-type: none"> <li>■ The AIMS software asks the customer to enter a valid phone number.</li> </ul>	Resume at Step 5

## 7. Input data

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver Name		Yes		Do Minh Hieu
2.	Phone Number		Yes		0987654321
3.	Province	Choose from a list	Yes		Hanoi
4.	Address		Yes		infinity and beyond
5.	Shipping Instructions		No		

## 8. Output data

### 8.1. Output data of displaying invoice

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim Prison Break
2.	Price	Price of the corresponding media product	<ul style="list-style-type: none"><li>• Comma for thousands separator</li><li>• Positive integer</li><li>• Right alignment</li></ul>	123,000
3.	Quantity	Quantity of the corresponding media	<ul style="list-style-type: none"><li>• Positive integer</li><li>• Right alignment</li></ul>	2
4.	Amount	Total money of the corresponding media	<ul style="list-style-type: none"><li>• Comma for thousands separator</li><li>• Positive integer</li><li>• Right alignment</li></ul>	246,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT		2,106,000
6.	Subtotal	Total price of products in the cart with VAT		2,316,600
7.	Shipping fees	Shipping fees increase with rush order		30,000
8.	Total	Sum of subtotal and shipping fees		2,346,600
9.	Currency			VND
10.	Name	Name of receiver		Do Minh Hieu
11.	Phone number	Choose from a list		0987654321
12.	Province			Hanoi
13.	Address			Infinity and beyond
14.	Shipping Instructions	Detailed schedule with rush order		

## 8.2. Output data of displaying cart

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim Prison Break
2.	Price	Price of the corresponding media product	<ul style="list-style-type: none"><li>• Comma for thousands separator</li><li>• Positive integer</li><li>• Right alignment</li></ul>	123,000
3.	Quantity	Quantity of the corresponding media	<ul style="list-style-type: none"><li>• Positive integer</li><li>• Right alignment</li></ul>	2
4.	Amount	Total money of the corresponding media	<ul style="list-style-type: none"><li>• Comma for thousands separator</li><li>• Positive integer</li><li>• Right alignment</li></ul>	246,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT		2,106,000
6.	Subtotal	Total price of products in the cart with VAT		2,316,600
7.	Currency			VND

## 9. Postconditions