

1.1.1. Use Case Specification for UC “Place rush Order”

1. Use case code

2. Brief Description

In the AIMS project, UC “Place rush order” describes the interaction between customers and

3. Actor

-Customer

4. Flow of Event

- Step 1. The customer views the cart.
- Step 2. The AIMS software checks the availability of products in the
- Step 3. The AIMS software displays the cart
- Step 4. The customer requests to place order rush
- Step 5. The AIMS software displays the form of delivery information
- Step 6. The customer enters and submits delivery information
(time delivery)
- Step 7. Check time available
- 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.

Table 1- Input data of delivery information

No	Data fields	Description	Mandatory	Valid condition	Example
1.	Receiver Name		Yes		Do Minh Hieu
2.	Phone Number		Yes		0987654321
3	Time Recived Item		Yes		14h 8/9/2020
4.	Province	Choose from a list	Yes		Hanoi

5.	Address		Yes		12, 34 Alley of Tran Thai Tong street, Cau Giay district
6.	Shipping instructions		No		

Table 2-Output data of displaying invoice

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		DVD Phim Vượt ngục
2.	Price	Price of the corresponding media product	<ul style="list-style-type: none"> ▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment 	123,000
3.	Quantity	Quantity of the corresponding media	<ul style="list-style-type: none"> ▪ Positive integer ▪ Right alignment 	2
4.	Amount	Total money of the corresponding media	<ul style="list-style-type: none"> ▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment 	246,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	<ul style="list-style-type: none"> ▪ Comma for thousands separator ▪ Positive integer ▪ Right alignment 	2,106,000
6.	Subtotal	Total price of products in the cart with VAT		2,316,600
7.	Shipping fees			30,000
8.	Total	Sum of subtotal and shipping fees		2,346,600
9.	Currency			VND
10.	Name			Do Minh Hieu



11.	Phone number			0987654321
12.	Province	Choose from a list		Hanoi
13.	Address			12, 34 Alley of Tran Thai Tong street, Cau Giay district
14.	Shipping instructions			
15	Time received item			

Table 3-Output data of displaying cart

No	Data fields	Description	Display format	Example
1.	Title	Title of a media product		CD Em về tỉnh khôì – Hà Trần
2.	Price	Price of the corresponding media product	<ul style="list-style-type: none">▪ Comma for thousands separator▪ Positive integer▪ Right alignment	120,000
3.	Quantity	Quantity of the corresponding media	<ul style="list-style-type: none">▪ Positive integer▪ Right alignment	2
4.	Amount	Total money of the corresponding media	<ul style="list-style-type: none">▪ Positive Integer▪ Right alignment	240,000
5.	Subtotal Before VAT	Total price of products in the cart before VAT	<ul style="list-style-type: none">▪ Comma for thousands separator▪ Positive integer▪ Right alignment	2,106,000
6.	Subtotal	Total price of products in the cart after VAT		2,316,600
7.	Currency			VND

Table 4-Alternative flow of events for UC “Place Order Rush”

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"> ▪ The AIMS software asks the customer to update the cart. ▪ The customer updates the cart. 	Resumes at Step 2
2.	At Step 7	If there is not available time customer require	<ul style="list-style-type: none"> ▪ The AIMS software asks the customer change delivery time. 	Resumes at Step 5
3.	At Step 7	If the phone number is invalid	<ul style="list-style-type: none"> ▪ The AIMS software asks the customer to enter a valid phone number. 	Resumes at Step 5