

## **Use case “Place Rush Order”**

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

UC003

### **2. Brief description**

In the AIMS system, the UC001 - “Place Order” describes the interaction between customers and the AIMS software when they want to place rush orders.

### **3. Actors**

- Guests
- User

### **4. Preconditions**

The customer chooses to place a rush order when filling in the delivery information

### **5. Basic Flow of Events**

Step1. The AIMS software check whether the products and customer’s address satisfy the conditions for placing a rush order.

Step2. The AIMS software displays the additional form for rush delivery.

Step3. The customer enters and submits the additional form.

Step4. The AIMS calculate the new shipping fees

Step5. The AIMS software displays the invoice.

Step6. The customer confirms to place the order.

Step7. The AIMS software calls UC002 - “Pay Order”.

Step8. The AIMS software creates a new order.

Step9. The AIMS software makes the cart empty.

Step10. The AIMS software displays the successful order notification.

### **6. Alternative Flows**

No	Location	Condition	Action	Resume location
1.	Step 1	If the cart’s and customer’s information doesn’t satisfy the constraints	<ul style="list-style-type: none"><li>• The AIMS software informs the customer and asks the customer to update the delivery form</li></ul>	Resumes at Step 1
2.	Step 4	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 blank</li></ul>	Resumes at Step 4

3.	Step 4	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>	Resumes at Step 4
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**Table 7: Alternative flows of events for UC "Place Rush Order"**

## 7. Input Data

No	Data fields	Description	Mandatory	Validcondition	Example
1.	Receiver Name		Yes		Nguyen Duc Quyen
2.	Phone Number		Yes		0793206960
3.	Province	Choose from a list	Yes		Hanoi
4.	Address		Yes		12/34 Nguyen Huy Tuong str, Thanh Xuan Trung district
5.	Shipping instructions		No		
6.	Expected date		Yes		Ship before 10/10/2021

**Table 8: Input data of rush delivery information**

## 8. Output Data

The output forms are similar to those were specified in the UC001 - "Place Order"

## 9. Postconditions