Giadinhtiendung e-commerce website

**Use-Case Specification:** Payment

**Version** 0.1

**Revision History**

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 11/14/23 | 0.1 | Initial writings | Lê Quang Trường |
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**Use-Case Specification:** View cart

# **Use-Case Name**

## **Brief Description**

After completing checkout phase, if user chooses credit card method, the website proceed to payment page. User may now fill out credit card information and make their order.

# **Flow of Events**

## **Basic Flow**

1. User proceeds to payment page
2. Website display forms to enter credit card information
3. User fill out forms
4. Website checks validity then proceed to payment service provider if successful.
5. User confirm their payment
6. Website makes the order and proceeds to view the created order

## **Alternative Flows**

### User’s credit card information is invalid

1. User enter credit card information
2. The website check the validity and found them invalid.
3. A notification pops up requesting the user to check their credit card information

### User didn’t confirm their payment to the payment service provider

1. Website checks validity then proceed to payment service provider if successful.
2. The user cancel the confirmation
3. Website return to payment page

### User exit the payment page

1. User clicks “Back” button while in payment page
2. The website return to checkout page

# **Special Requirements**

## Smooth transitions: Transition of the website when user clicks check out or go back should be less than 2 seconds in stable internet connection.

## Stable: The website should remain stable during payment phase to confirm user payment, make no error during confirmation, and be able to recover all payment data in case of any fatal situation such as server crash, heavy load, bad connection,... etc.

## Responsive: When user clicks on the increase, decrease, the website should change the value or remove the product in less than 0.5 secs.

# **Preconditions**

## The website is displaying checkout page

# **Postconditions**

## The website displays the checkout page

* 1. The website displays the payment page with notification
  2. The website proceeds to view order page