**2.3 Use Cases Scenarios**

**2.3.1 Visitor Purchasing**

Precondition

1. The visitor is using a laptop to browse the website and wishing to buy a camera.
2. The visitor has his own phone number and E-mail.

Flow of Events

1. The use case starts when the user turns to the home page of the online shopping website.
2. The visitor clicks “sign up” button to register a member as a customer:
   1. The visitor turns to the register page and fill in the register form.
   2. The visitor clicks “verify e-mail” button to verify his account.
   3. The visitor opens his mail box and received the verification code.
   4. The visitor enters the verification code in the register page and verified his E-mail address successfully.
   5. The visitor successfully registered as a customer.
3. The customer searches for the desired product by clicking the menu bar in the home page: category (electronics) - subcategory (camera) - product type (different types).
4. After looking through descriptions for different types of cameras, the customer finds the desired product and adds the camera into the shopping cart.
5. If the visitor leaves the cart, the camera remains in the cart. Next time when the customer arrives, he can continue to check out or re-shopping right from where he left.
6. After the item is added into the cart, the checkout process begins:

6.1 The customer is required to fill in all the necessary fields to place an order. It includes the name, phone number, email, and the address.

6.2 The total purchase amount is displayed including the taxes and the shipping fees. The customer is then presented with a number of payment options to choose from.

6.3 The customer selects the payment method provided and fill in the required information.

6.4 If the payment successfully issued, then the payments is completed, otherwise he will return to the step 6.3.

1. A message displays that the order is successful, confirming the order. The details regarding the order are sent to the Salesperson.

Postcondition

1. The order has been placed.
2. The customer is waiting the salesperson to deliver and the shipper to dispatch the camera.

**2.3.2 Salesperson Processing**

Precondition

1. The salesperson received the order details.
2. The shipper is available

Flow of Events

1. The salesperson received the order and is to pick up the camera in his warehouse.
2. The salesperson gives the camera a carefully wrap package.
3. The salesperson contacts the shipper to pick up the package.
4. The salesperson delivers the package to the shipper when the shipper comes.
5. The salesperson updates the shipper’s contact.
6. The salesperson updates the orders status to “Shipped”.

Postcondition

1. The camera has been transferred to the shipper.
2. The inventory quantity of that type of camera was deducted by the salesperson.

**2.3.3 Shipper Delivering**

Precondition

1. The salesperson contacted the shipper.
2. The shipper is available to delivery that order.

Flow of Events

1. The shipper turns to the salesperson and pick up the package.
2. The shipper updates the order’s status to “Picked”.
3. The shipper takes the package to dispersal point to delivery the package to different country or states.
4. The shipper in the final station picks up the package and update the orders status to “delivering”.
5. The shipper delivery the package to the destination designated by the customer.
6. The shipper updates the package status to “Finish”.

Postcondition

1. The customer received the package.
2. Salesperson has successfully sold out a camera is the customer is not required of a return.
3. The shipper has completed an order.