**Roll # 153188**

**Lab # 1**

**Use Case:** Online Shopping Portal

**Actor:** Customer.

**Goal:** Providing Online shopping portal for the customer to facilitate purchase things while sitting anywhere.

**Precondition:** System Should connect to the Internet for the online shopping.

**Trigger:** Customer decides to purchase things online.

**Scenario:**

1. Customer browse/search the items he is looking for.
2. If item not found, User is sent to the search bar again.
3. If Item found, The customer selects the view button to view the item.
4. The user adds item to the shopping cart.
5. The user makes decision whether to add more items in the shopping cart or he or she done with shopping.
6. If the customer done with shopping, He proceeds to the checkout.

**Exceptions:**

1. The user cancel out the purchase process in middle of the process.
2. The searched item is not available in the store.

**Lab Question # 2**

**Use Case**: Login System

**Primary Actor**: System.

**Secondary Actor**:User.

**Goal**: To validate or authenticate the user who wants to use the system resources.

**Precondition**: System should be fully configured.

**Trigger**: The user wants to use the system.

**Scenario**:

1) User try system to access.

2) System asks user to give name and key.

3) The user enters his or her username and key.

4) System validates name and key.

5) If user enters the correct username and password system allows success.

**Exceptions:**

1) Number of tries is greater than the three times. System generates error.

2) If number of the passwords less than four. System generates error.

3) If the name is not registered, System will not allow user to access.