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# LAB 3

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NAME : Ahmed Jamil

ROLL NO : 153169

CLASS : BSCS 5<sup>th</sup>

SUBJECT : Software Engineering

TEACHER : Sir, Ahmad Mohsin

# Online Shopping

## Use Cases

### Use Case 1 : Add Items To Shopping Cart

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<b>Primary Actor</b>	Customer
<b>Goal in context</b>	To fill shopping cart with selected items to buy
<b>Preconditions</b>	Search Items Browse Items
<b>Trigger</b>	Click on 'Add Item To Cart'
<b>Scenario</b>	<ol style="list-style-type: none"><li>1. Customer searches items</li><li>2. Customer view item detail if item found</li><li>3. Customer Browses related content if item not found</li><li>4. Customer clicks on 'Add Item to Shopping Cart'</li></ol>
<b>Exceptions</b>	<ol style="list-style-type: none"><li>1. Item not found</li><li>2. No related item found</li><li>3. Cart exceeds max item limit</li></ol>
<b>Alternate Options</b>	

### Use Case 2 : View and Update Shopping Cart

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<b>Primary Actor</b>	Customer
<b>Goal in context</b>	To allow user to view,remove,update item count from the selected items that are in shopping cart
<b>Preconditions</b>	Items be present in shopping cart
<b>Trigger</b>	User clicks on ' View Cart' button

<b>Scenario</b>	<ol style="list-style-type: none"> <li>1. User views item in the cart by clicking 'View Cart' button</li> <li>2. User may remove items in the cart</li> <li>3. User may change item count in cart</li> <li>4. User save changes</li> </ol>
<b>Exceptions</b>	<ol style="list-style-type: none"> <li>1. No items in the cart</li> </ol>
<b>Alternate Options</b>	User proceeds to checkout

### Use Case 3 : Proceed to Checkout

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<b>Primary Actor</b>	Customer
<b>Goal in context</b>	To allow user to see total details of items to buy including total cost , item number and payment options
<b>Preconditions</b>	Items be present in shopping cart
<b>Trigger</b>	User clicks on 'Checkout' button
<b>Scenario</b>	<ol style="list-style-type: none"> <li>1. User views item in the cart by clicking 'View Cart' button</li> <li>2. User may edit(remove) items in the cart</li> <li>3. User clicks on 'Checkout' Button</li> <li>4. User login into the system for payment details</li> </ol>
<b>Exceptions</b>	<ol style="list-style-type: none"> <li>1. No items in the cart</li> </ol>
<b>Alternate Options</b>	User skips checkout searches more items

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## Login System

### Use Case 1 : Gain Access to System

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<b>Primary Actor</b>	User
<b>Goal in context</b>	To gain access to system
<b>Preconditions</b>	User enters the system
<b>Trigger</b>	User ask access to system
<b>Scenario</b>	<ol style="list-style-type: none"><li>1. User starts the system</li><li>2. User enters name</li><li>3. User enters key</li><li>4. User logs into system</li></ol>
<b>Exceptions</b>	<ol style="list-style-type: none"><li>1. Access try limit exceeded</li><li>2. Name and key are not registered</li><li>3. Name and key size is less than four</li></ol>