USE CASE SPECIFICATION

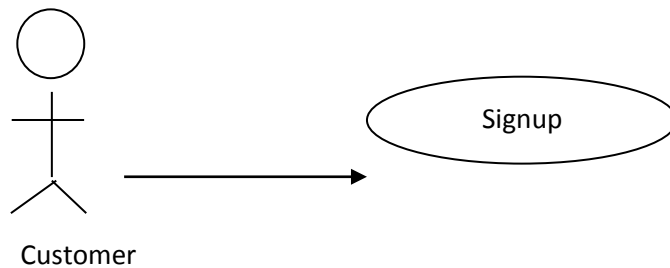## 1   USE CASE : CUSTOMER SIGNUP

Customer

Signup

1.1   BRIEF DESCRIPTION

This use case is initiated by the customer. This use case will enable the customer to create a new account to access the application.

1.2   PRE-CONDITIONS

A customer that doesn't have an account.

1.3 CHARACTERISTIC OF ACTIVATION

Event Driven (on customer demand)

1.4 FLOW OF EVENTS

1.4.1 Basic Flow

- This use case begins when the user pressed the "Sign Up" button.
- The system shall display "Sign Up" if the customer do not have an account.
- The customer will click "Sign Up" button and the system shall display a register form.
- The customer will fill the details in the form provided and then click save button.
- The system will save all the details registered.
- The customer shall click "Cancel" button to cancel the registration, the system will be directed to login page. (**E-1: Cancellation**)
- The customer shall enter details with correct format, thus the system shall verify the format entered.(**E-2: Format incorrect**)

1.4.2 Alternative Flow

- The customer may register new account.

1.4.3 Exceptional Flow

E-1: Cancellation.

If the customer presses the cancellation button, the system shall display the home pages. This use case ends.

E-2: Format incorrect.

If the customer entered wrong format in the form, the system shall display the message "please fill out this field". The system shall clear the incorrect format's column.

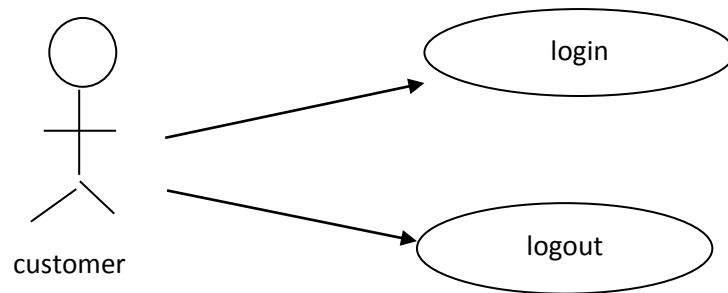## 1.5 POST-CONDITIONS

A new account created.

1.6 RULE(S)

The customer can have one account only.

1.7 CONSTRAINT(S)

Not Applicable.

2   USE CASE : LOGIN CUSTOMER

2.1   BRIEF DESCRIPTION

This use case is initiated by the student. This use case will enable the user to log in and manage their account in the application

2.2   PRE-CONDITIONS

A user need to have an account.

2.3 CHARACTERISTIC OF ACTIVATION

On user demand

2.4 FLOW OF EVENTS

2.4.1 Basic Flow

- This use case begins when the customer presses the "login" button in the login page.
- The system shall display "username" and "password" authentication.
- The user will enter the user name and password created, thus the system shall verify the account. (**E-1 Verification failed**).
- The system will display the main page of the application.

2.4.2 Alternative Flow

- The user needs to re-enter new username or password in the login page if the username or password is forgotten.

2.4.3 Exceptional Flow
E-1 Verification failed.

- The system will display message "LOGIN ERROR WRONG USERNAME OR PASSWORD!" and wait for the user to re-enter correct username and password.

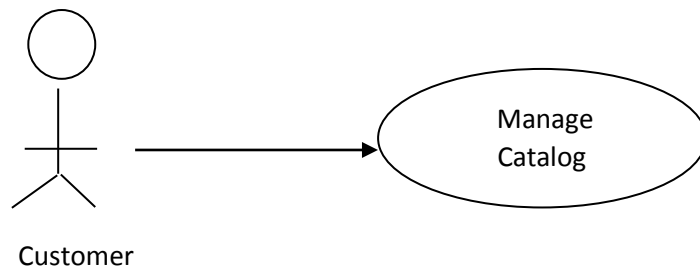## 2.5 POST-CONDITIONS
The user able to enter the main page.

2.6 RULE(S)
The user needs to login first in order to manage the system

2.7 CONSTRAINT(S)
Not applicable.

3 USE CASE : MANAGE CATALOG

Customer

3.1   BRIEF DESCRIPTION

This use case is initiated by Customer. This use case will enable the customer to manage the items that they want to buy.

3.2   PRE-CONDITIONS

Customer need to log in into their account first.

3.3 CHARACTERISTIC OF ACTIVATION

On customer demand

3.4 FLOW OF EVENTS

3.4.1 Basic Flow (PAO_03_01)

- This use case begins when the customer click on the product.
- The system shall display shopping windows.
- Customer shall click the image to see the describe of product and click the "add to cart".
- The customer shall click on any product that they want to buy.
- If customer wants to cancel buying the product, customer shall click "back to home" or "back to cloth categories" button.

3.4.2 Alternative Flow

Not Applicable.

3.4.3 Exceptional Flow
Not applicable

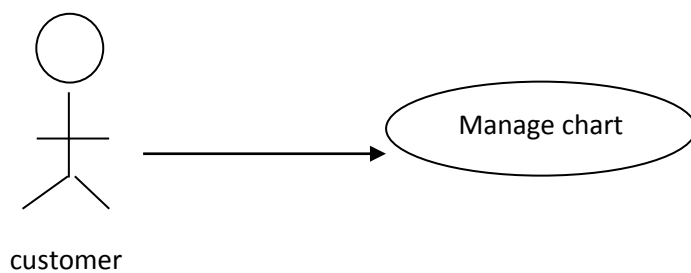## 3.5 POST-CONDITIONS
- Cart list will be updated.

3.6 RULE(S)
Not applicable.

3.7 CONSTRAINT(S)
Not applicable.

4   USE CASE : MANAGE CART

customer

4.1   BRIEF DESCRIPTION
This use case is initiated by customer. This use case will enable the customer to manage their shopping chart.

4.2   PRE-CONDITIONS
There must be at least one item in "Manage chart".

4.3 CHARACTERISTIC OF ACTIVATION

On customer demand

4.4 FLOW OF EVENTS

4.4.1 Basic Flow

- This use case begins when the customer presses the chart button
- The system will display the item that have being selected at manage shopping item.
- Customer shall click "pay" button if want to purchase the item. If customer want to add the item buy customer shall click "home" button.

4.4.2 Alternative Flow

Not Applicable.

4.4.3 Exceptional Flow

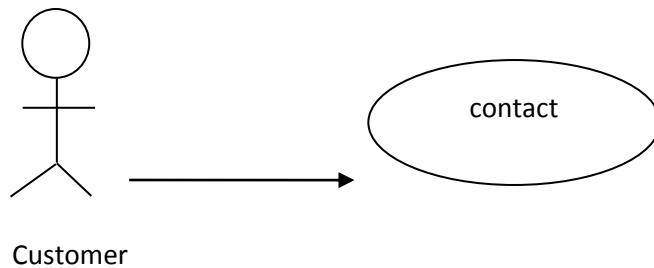Not Applicable.

4.5 POST-CONDITIONS

- cart will be updated.

4.6 RULE(S)

Not applicable.

4.7 CONSTRAINT(S)

Not applicable.

5 USE CASE : CONTACT

Customer

5.1   BRIEF DESCRIPTION

This use case is initiated by customer. This use case allows the customer to review the contact number and about us.

5.2   PRE-CONDITIONS

Customer have to any problem about the product.

5.3 CHARACTERISTIC OF ACTIVATION

On customer demand

5.4 FLOW OF EVENTS

5.4.1 Basic Flow
- This use case begins when the customer click "contact", the system will display the contact number and email of company.
- If any problem customer can contact or email.
- Customer can click "about us" if want to know about this website.

5.4.2 Alternative Flow
Not Applicable.

5.4.3 Exceptional Flow
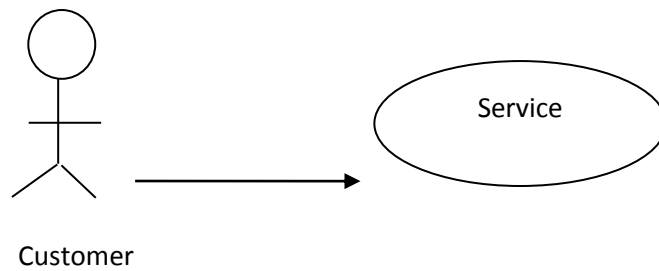
Not Applicable.

5.5 POST-CONDITIONS

Not Applicable.

5.6RULE(S)

Not applicable.

5.7 CONSTRAINT(S)

Not applicable.

6   USE CASE : SERVICE

Customer   Service

6.1   BRIEF DESCRIPTION

This use case is initiated by customer. This use case allows the customer to manage all the service involving FAQ'S and Privacy and terms.

6.2   PRE-CONDITIONS

Not Applicable

6.3 CHARACTERISTIC OF ACTIVATION

On customer demand

6.4 FLOW OF EVENTS

6.4.1 Basic Flow

- This use case begins when the customer have choose click "FAQ'S" or "privacy and terms" button.
- Customer can see the any question in FAQ'S.

6.4.2 Alternative Flow

Not Applicable.

6.4.3 Exceptional Flow

Not applicable

6.5 POST-CONDITIONS

Not applicable

6.6 RULE(S)

Not applicable.

6.7 CONSTRAINT(S)

Not applicable.