1. Name of project and names of all team members

Tuyen Van – there is only me in my team so I do the whole project by myseft.
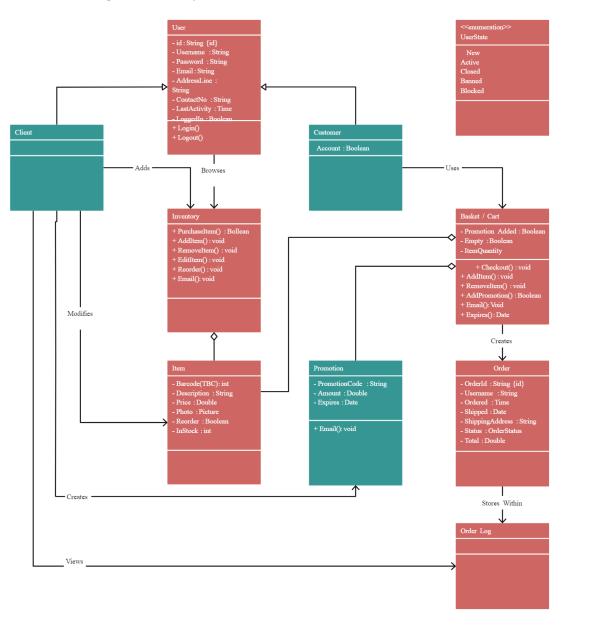
2. Final State of System Statement

The Web site is to be created based on the following requirements.

- Home Page should contain logo of the site with proper sections and details of

Frames and Lenses with suitable images.

- The site should display a menu which will contain the options for brief

introduction about the various frames and lenses available, location of the

shop and any other information if required.

- The information should be categorized according to the brand names of the

products like if a User wants to see only "Ray-Ban" products or any other

companies products then he/she can click on a Link/button/menu etc and can

see only that Brand products.

- Another category option for "Contact Lenses", "SunGlasses" etc. should be

created and accordingly the products should be listed.

- When a user selects any particular brand, a list of products for that brand will

be displayed

- A brief summary of features of individual products should be displayed on the

Web Page along with the product but detailed Features should be stored in

Individual Word documents which can be downloaded or viewed by the User

who wishes to see the same.

- The user should also be able to compare the various products of different as

well as similar brands.

- There should be a "Contact Us" page which will have the Address of the

Company which is as follows and the mail address which when clicked will

invoke the local mail client from where they can send an email. Address of the

Company should be displayed using GeoLocation API (eg. GoogleMaps).

3. Final Class Diagram and Comparison

User
- id : String {id}
- Username : String
- Password : String
- Email : String
- AddressLine :
String
- ContactNo : String
- LastActivity : Time
- LoggedIn : Boolean
+ Login()
+ Logout()

<<enumeration>>
UserState

New
Active
Closed
Banned
Blocked

Client

Customer
Account : Boolean

Adds   Browses   Uses

Inventory
+ PurchaseItem() : Bollean
+ AddItem() : void
+ RemoveItem() : void
+ EditItem() : void
+ Reorder() : void
+ Email(): void

Basket / Cart
- Promotion Added : Boolean
- Empty : Boolean
- ItemQuantity
    + Checkout() : void
+ AddItem() : void
+ RemoveItem() : void
+ AddPromotion() : Boolean
+ Email(): Void
+ Expires() : Date

Modifies

Creates

Item
- Barcode(TBC): int
- Description : String
- Price : Double
- Photo : Picture
- Reorder : Boolean
- InStock : int

Promotion
- PromotionCode : String
- Amount : Double
- Expires : Date

+ Email(): void

Order
- OrderId : String {id}
- Username : String
- Ordered : Time
- Shipped : Date
- ShippingAddress : String
- Status : OrderStatus
- Total : Double

<<enumeration>>
OrderStatus

New
Pending
On_Hold
Shipped
Delivered
Closed

Creates

Stores Within

Order Log

Views