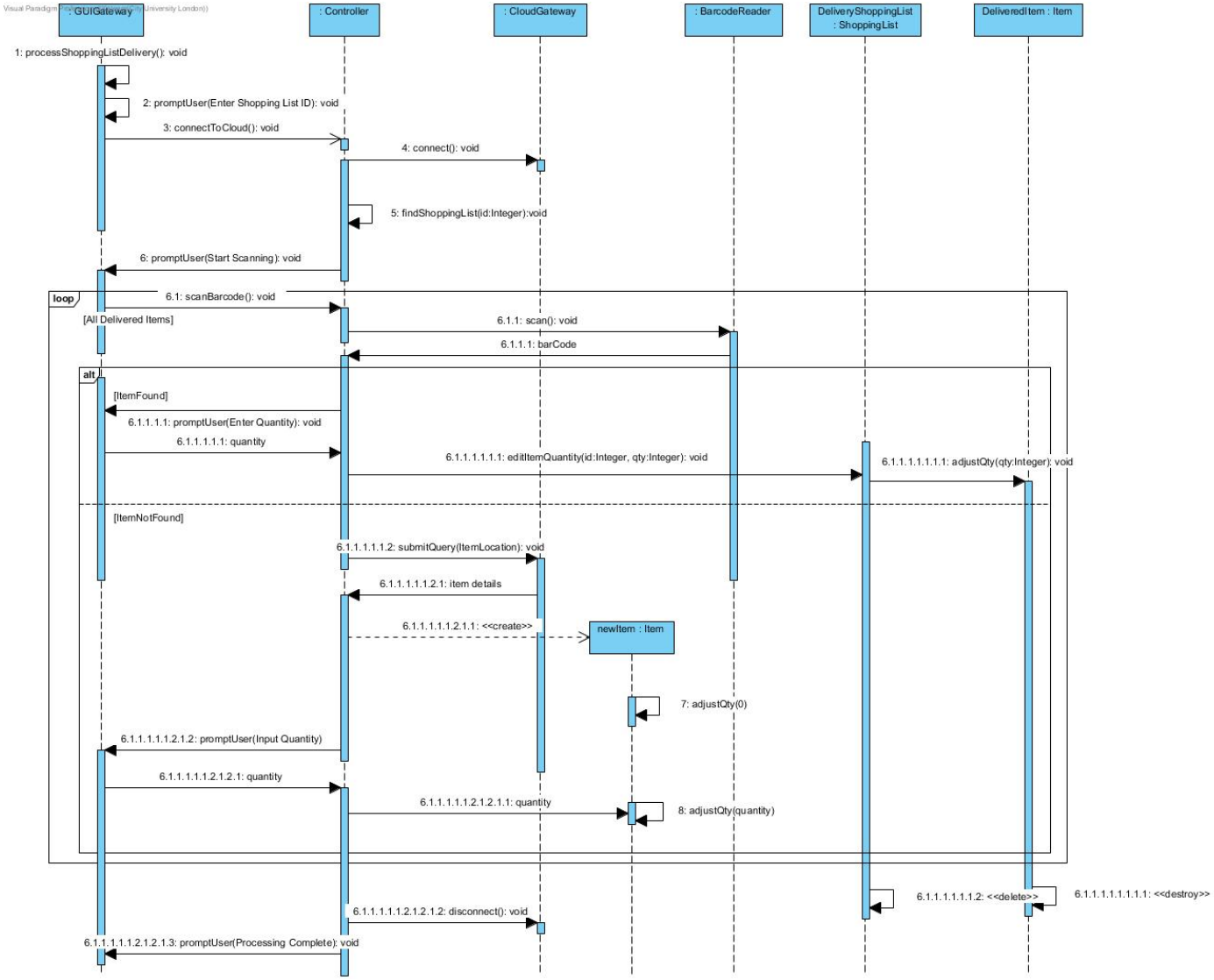
Kaleem OOAD Coursework

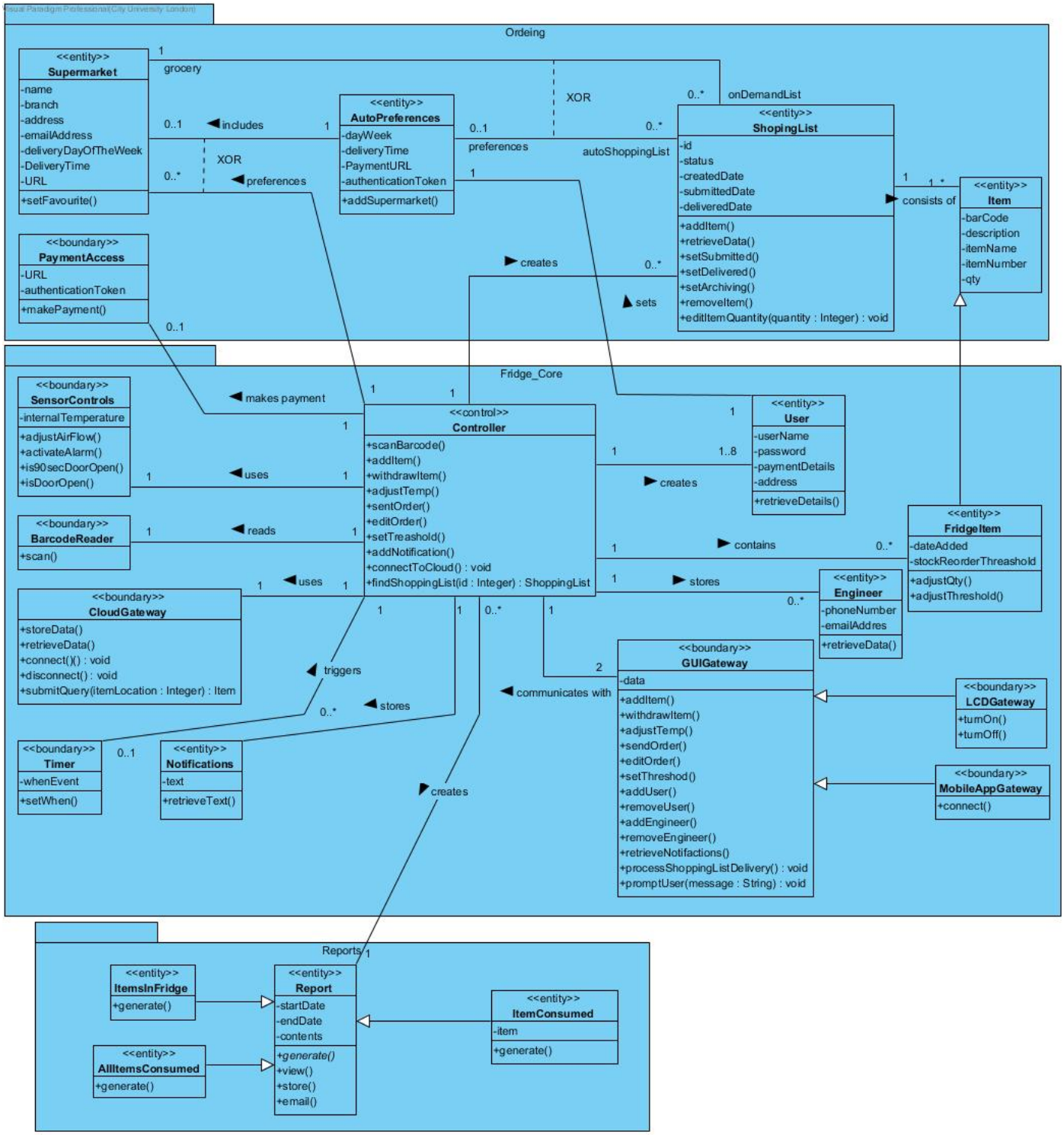
Question 1: Use case realization



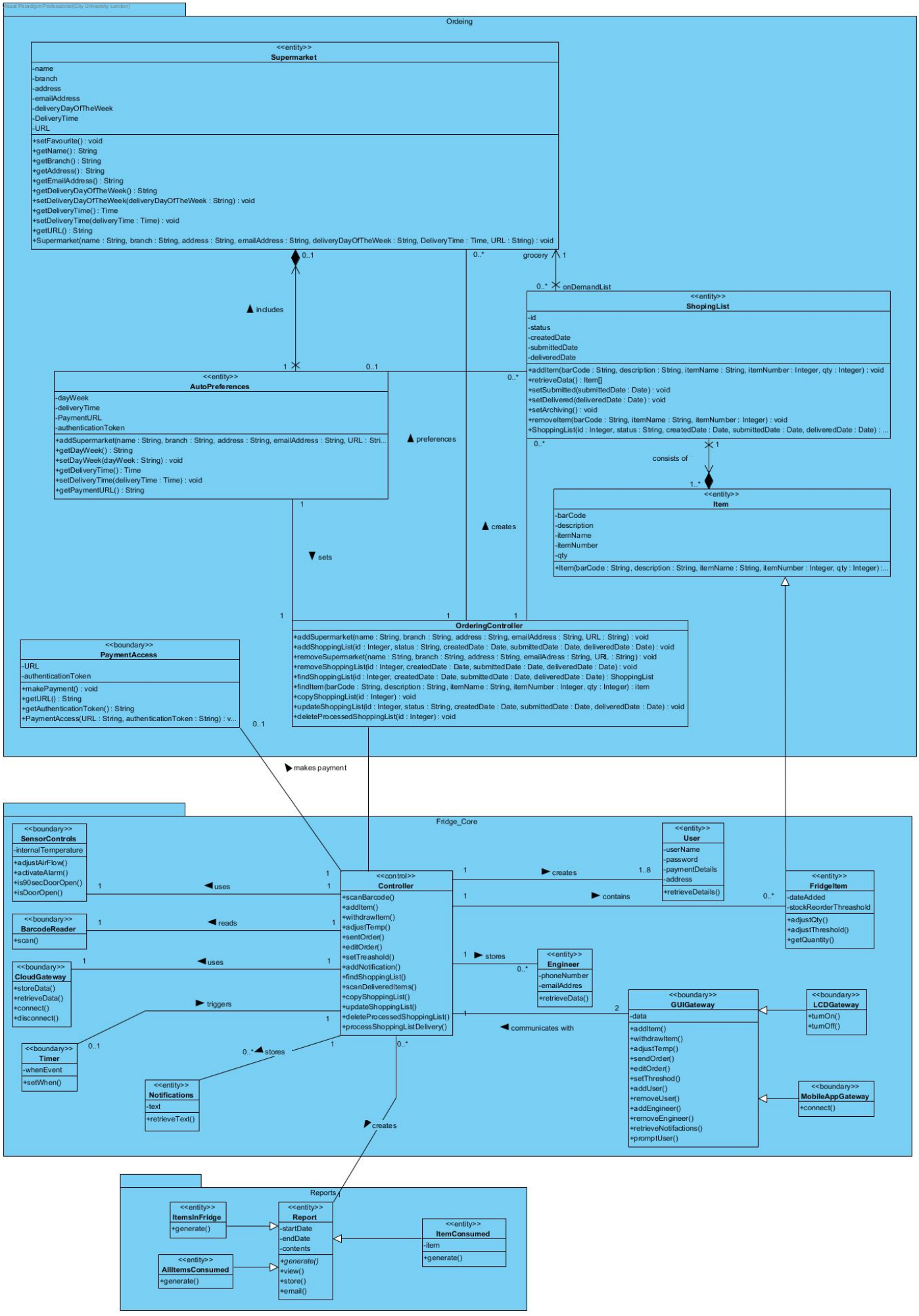
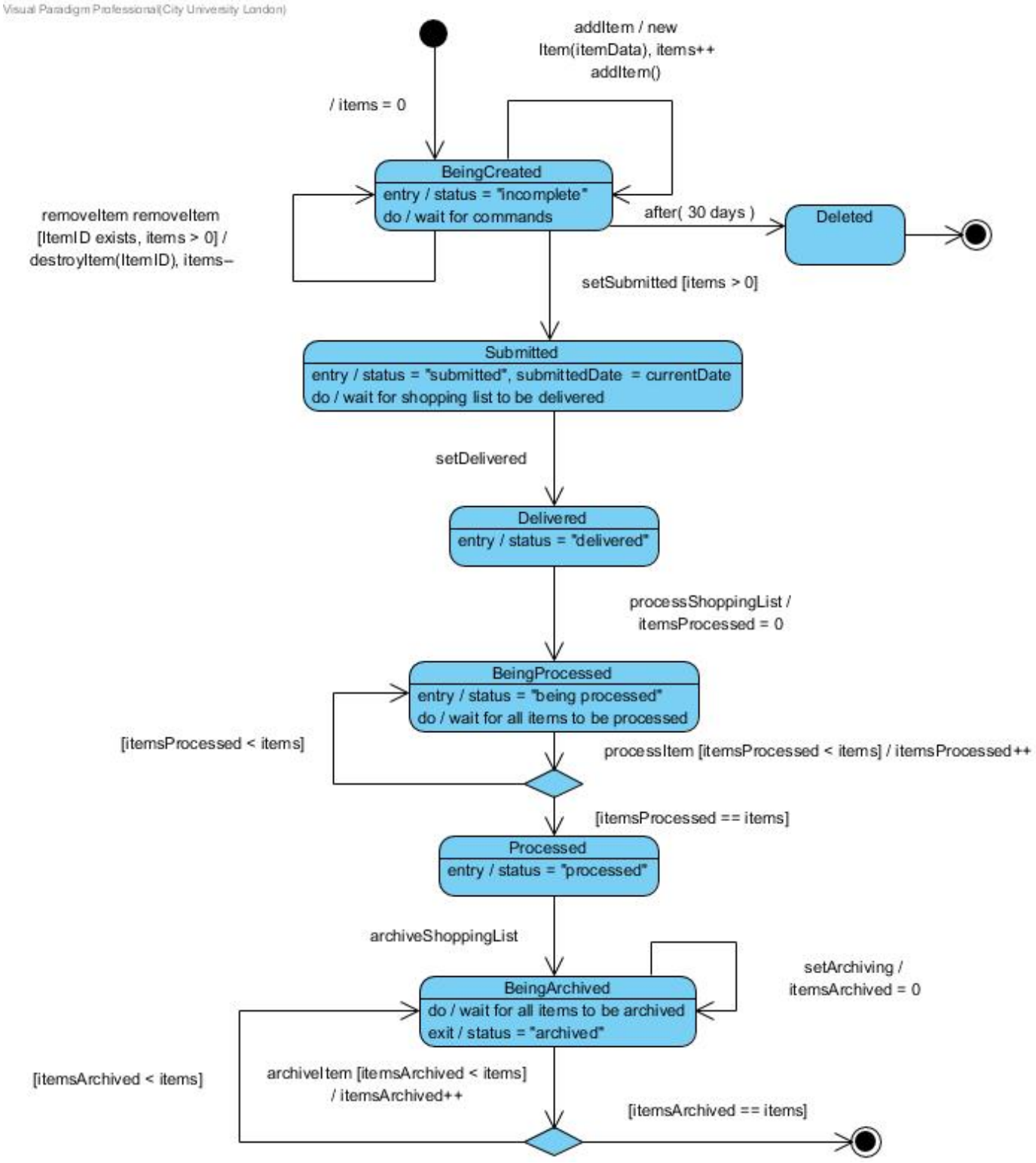
Whilst creating the sequence diagram, quite a few operations were found that I had to add to the analysis class diagram as shown below:

Class	Added Operations
GUIGateway	ProcessShoppingListDelivery() PromptUser(message:String)
Controller	connectToCloud() findShoppingList(id:Integer)
CloudGateway	Connect() submitQuery(itemLocation:Integer) disconnect()
ShoppingList	editItemQuantity(quantity: Integer)

Here is the updated analysis class diagram:



Question 2: Design class diagram



Question 3: State machine