UML Diagram

Shopping Mall Management System

Prepared by:
Rahul Kumar

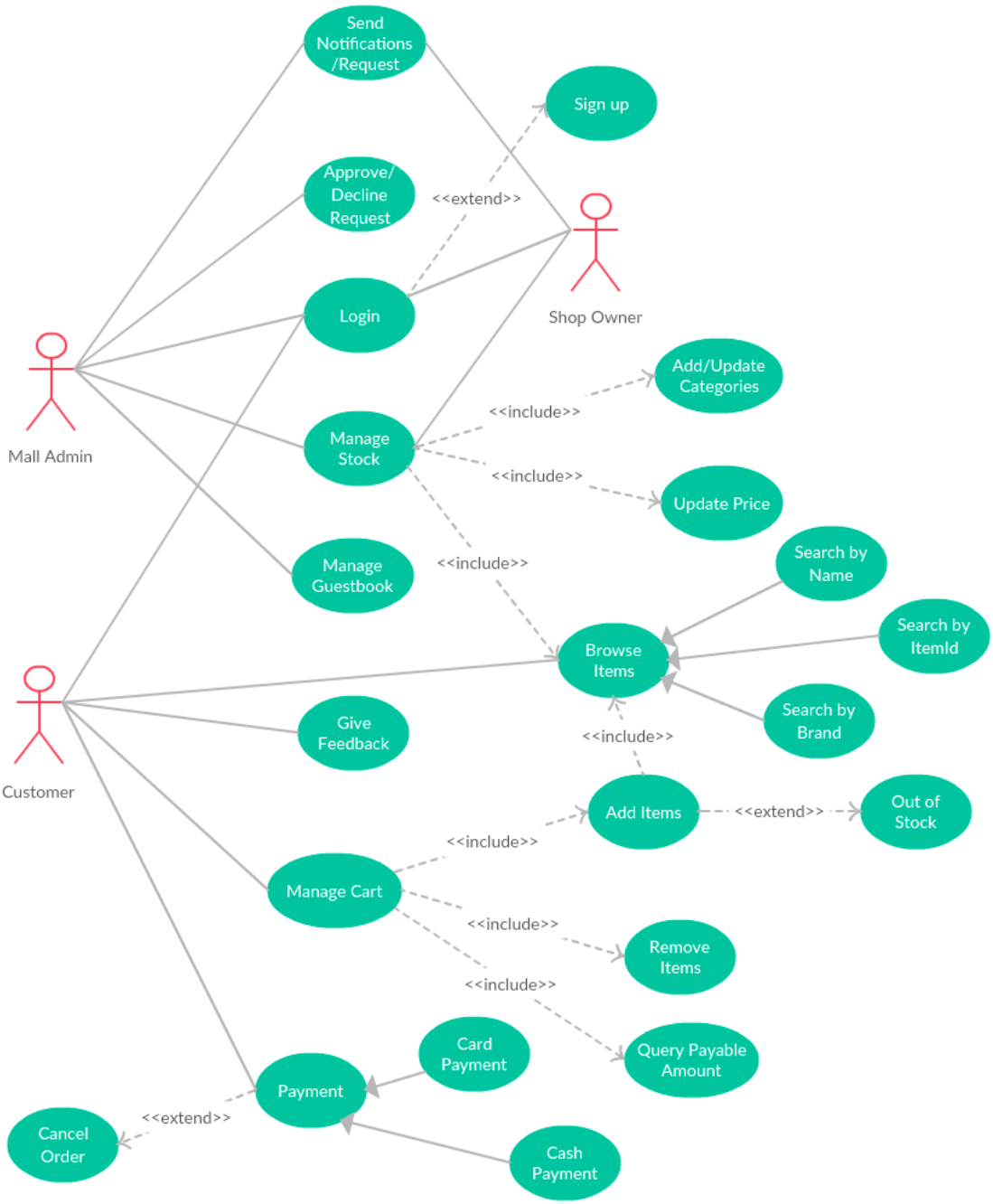
16 Feb 2018

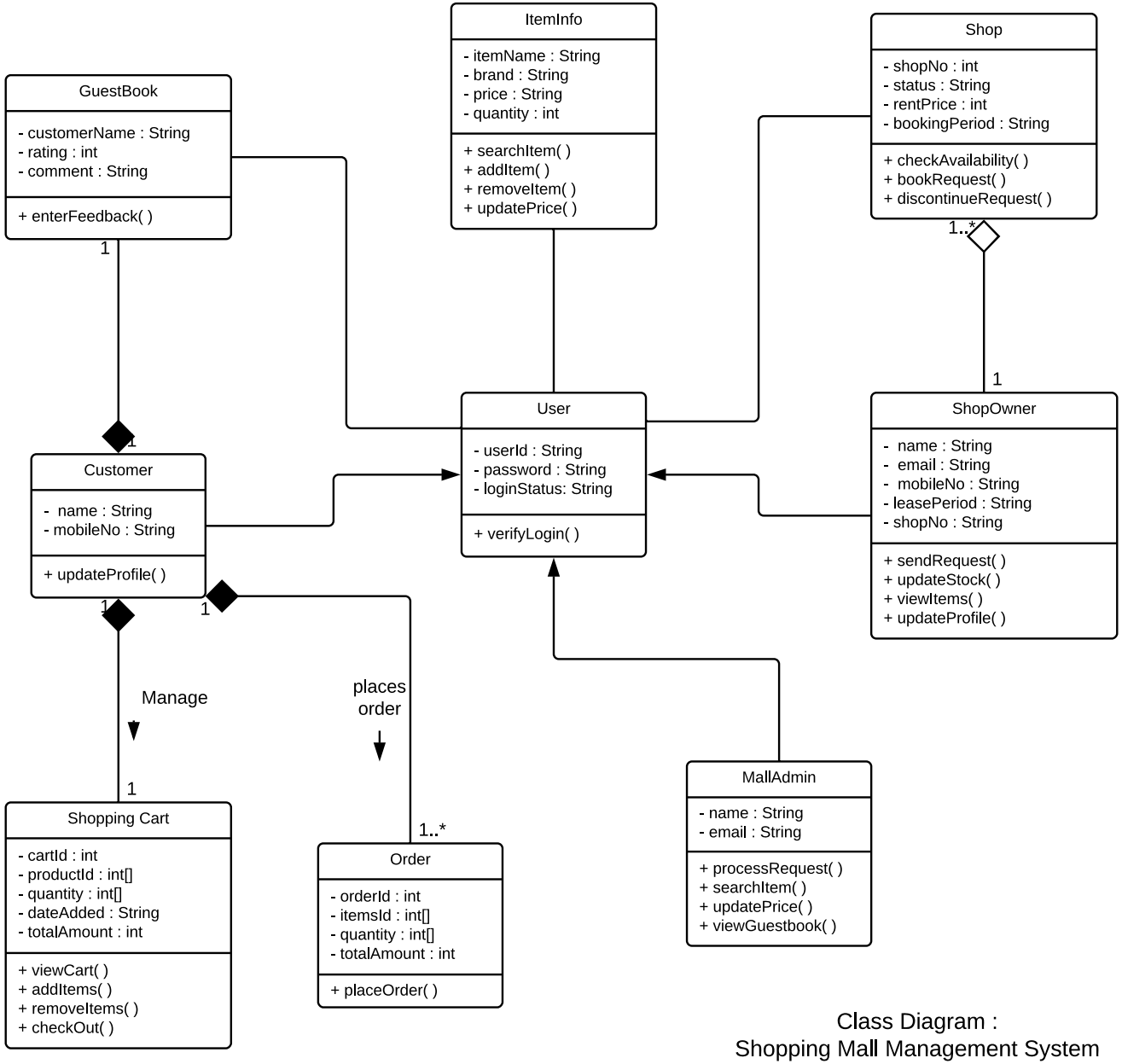
The document contains the following UML Diagram in order:

Use Case Diagram
Class Diagram
State Chart Diagram
Sequence Diagram

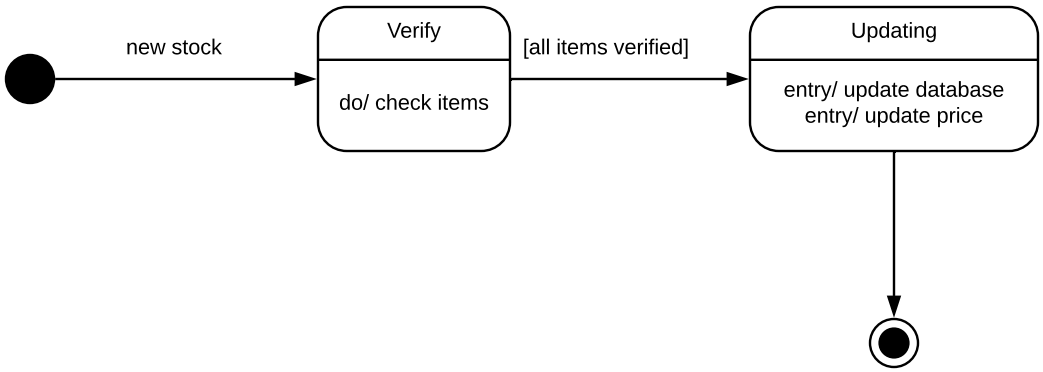
Brief Description and Assumptions:

I have tried to cover all the cases with some minor assumptions. The state and sequence diagram shows broader scenarios like managing shop, managing stock, and purchasing Items cases. The database has been assumed to be directly accesible from the corresponding user class and has not been shown in the Class diagram. Only their corresponding objects have been displayed.

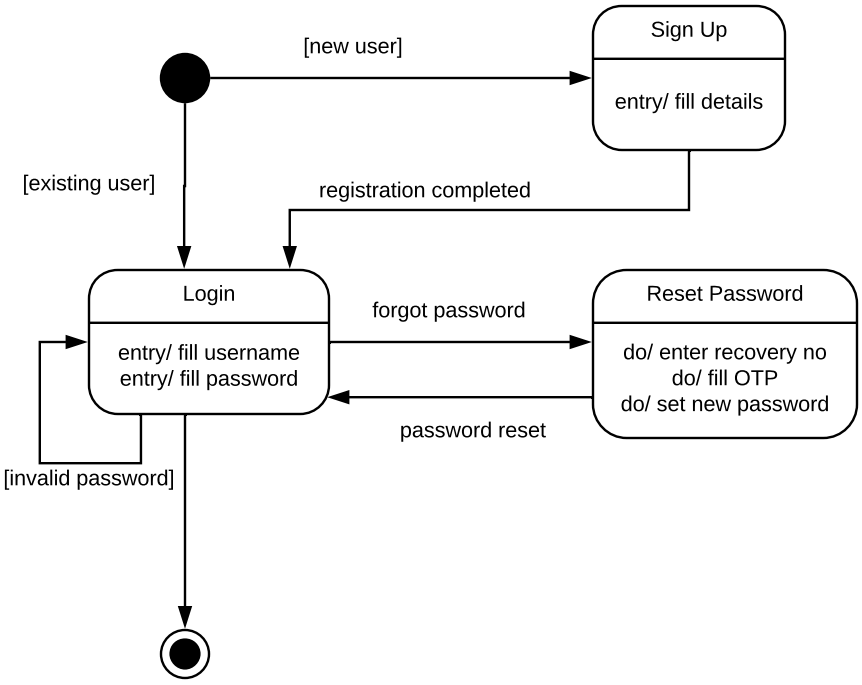

Send Notifications /Request
Sign up
Approve/ Decline Request
<<extend>>
Shop Owner
Login
Mall Admin
Add/Update Categories
<<include>>
Manage Stock
<<include>>
Update Price
Manage Guestbook
<<include>>
Search by Name
Search by ItemId
Browse Items
Search by Brand
Customer
Give Feedback
<<include>>
Add Items
<<extend>>
Out of Stock
<<include>>
Manage Cart
<<include>>
Remove Items
<<include>>
Query Payable Amount
Card Payment
Payment
<<extend>>
Cancel Order
Cash Payment



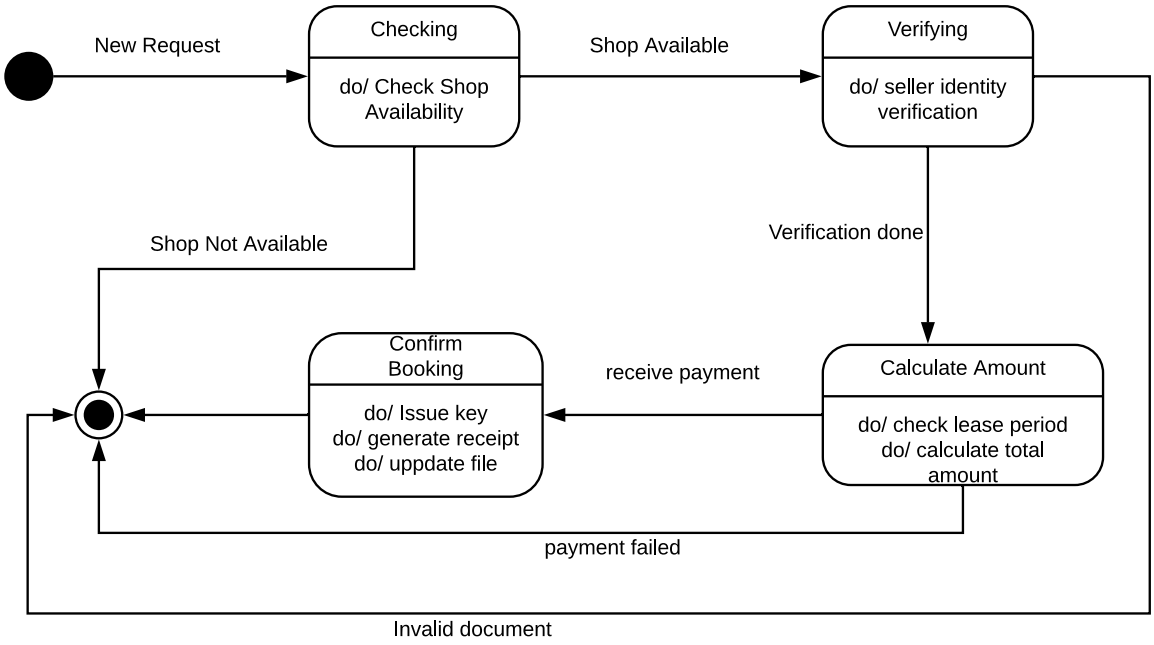
Class Diagram :
Shopping Mall Management System



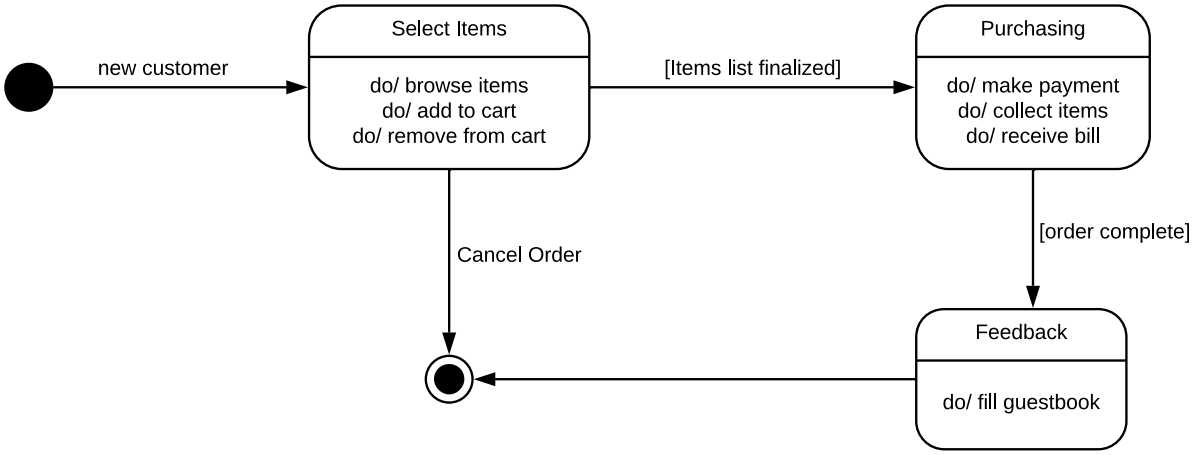
Manage Stock



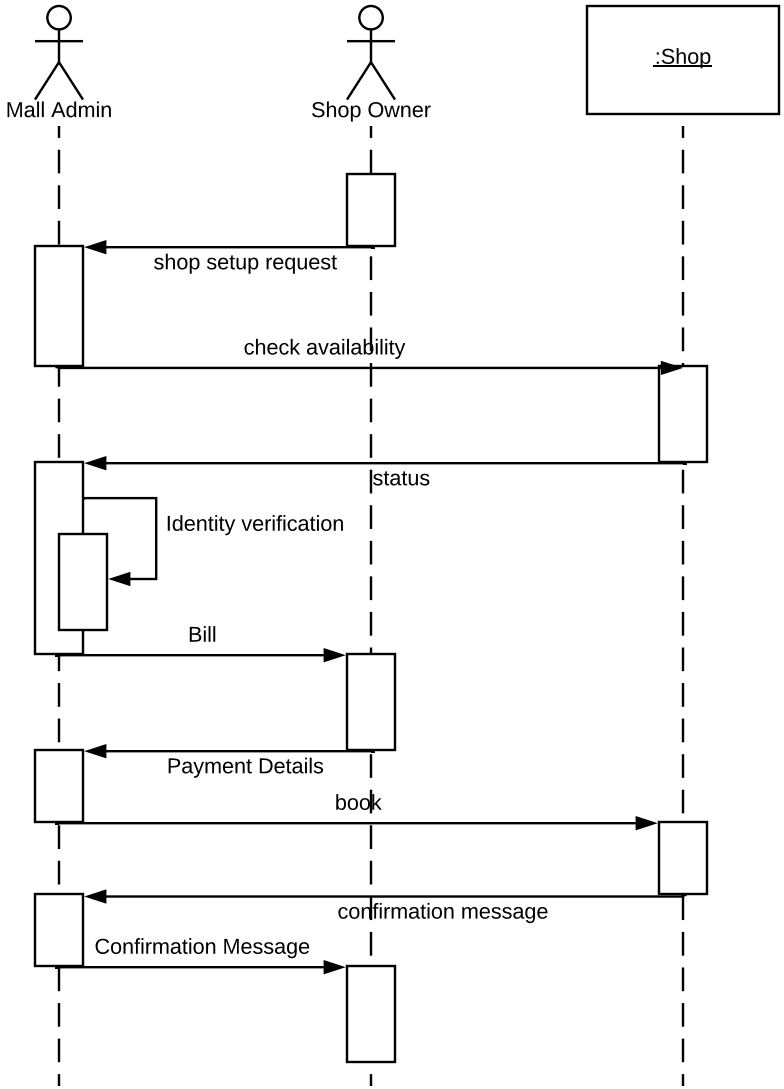
Login



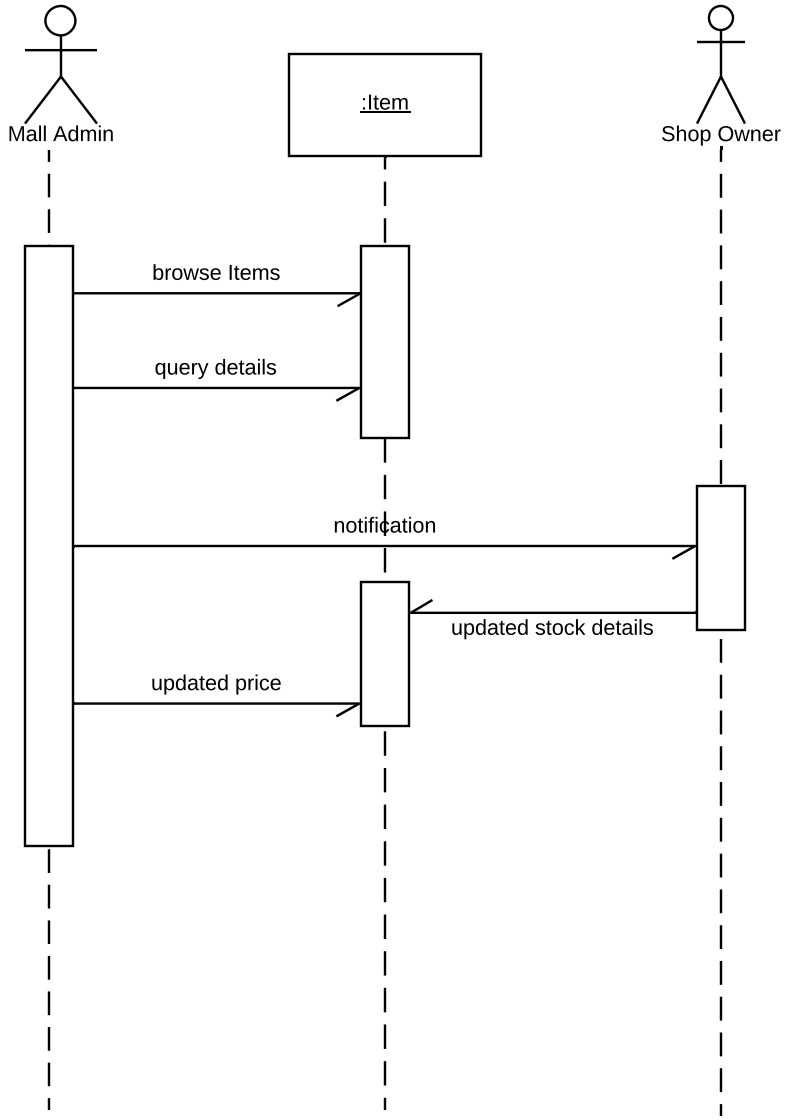
Shop Booking



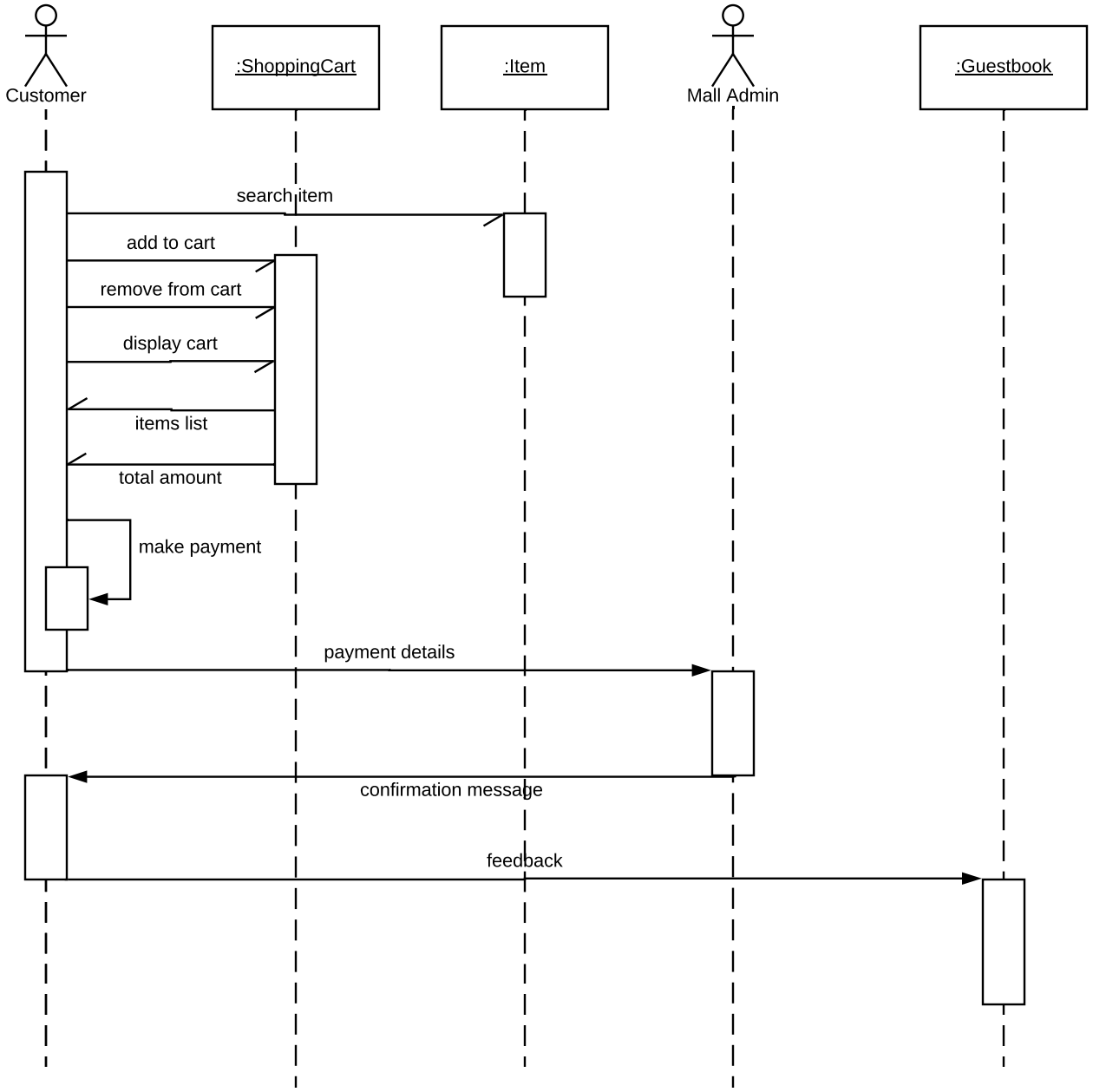
Order Items



Shop Management



Managing Stock



Purchasing Item