

CLASS DIAGRAMS TOGETHER WITH USE CASE DIAGRAMS

1) Movie Shop

Design a system for a movie shop, in order to handle ordering of movies and browsing of the catalogue of the store, and user subscription with rechargeable cards.

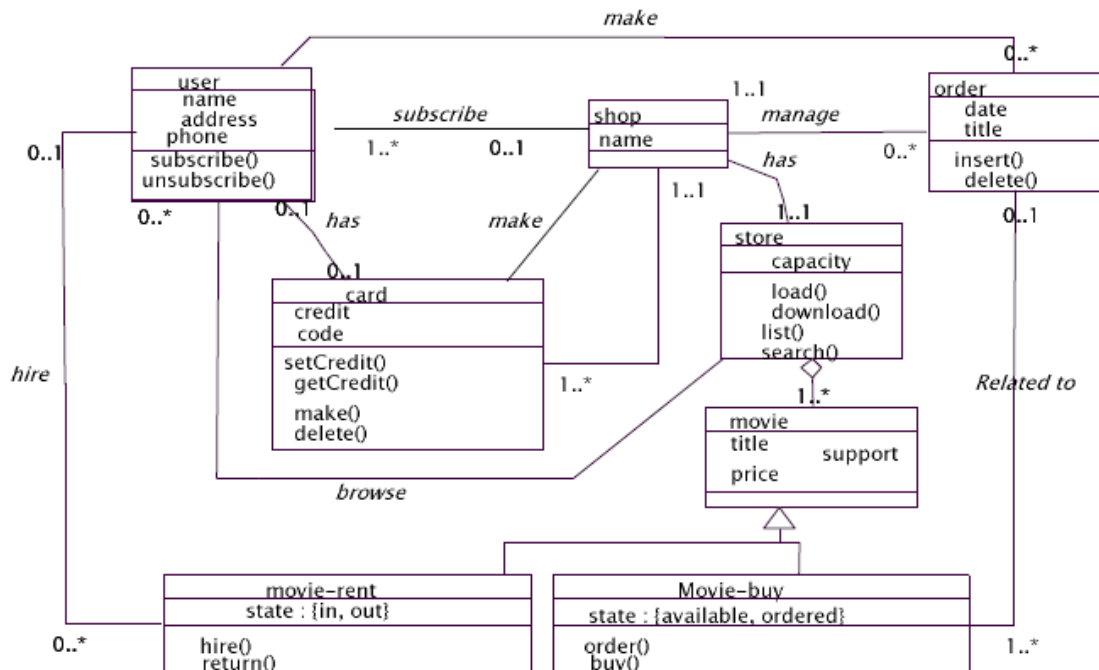
Only subscribers are allowed hiring movies with their own card.

Credit is updated on the card during rent operations.

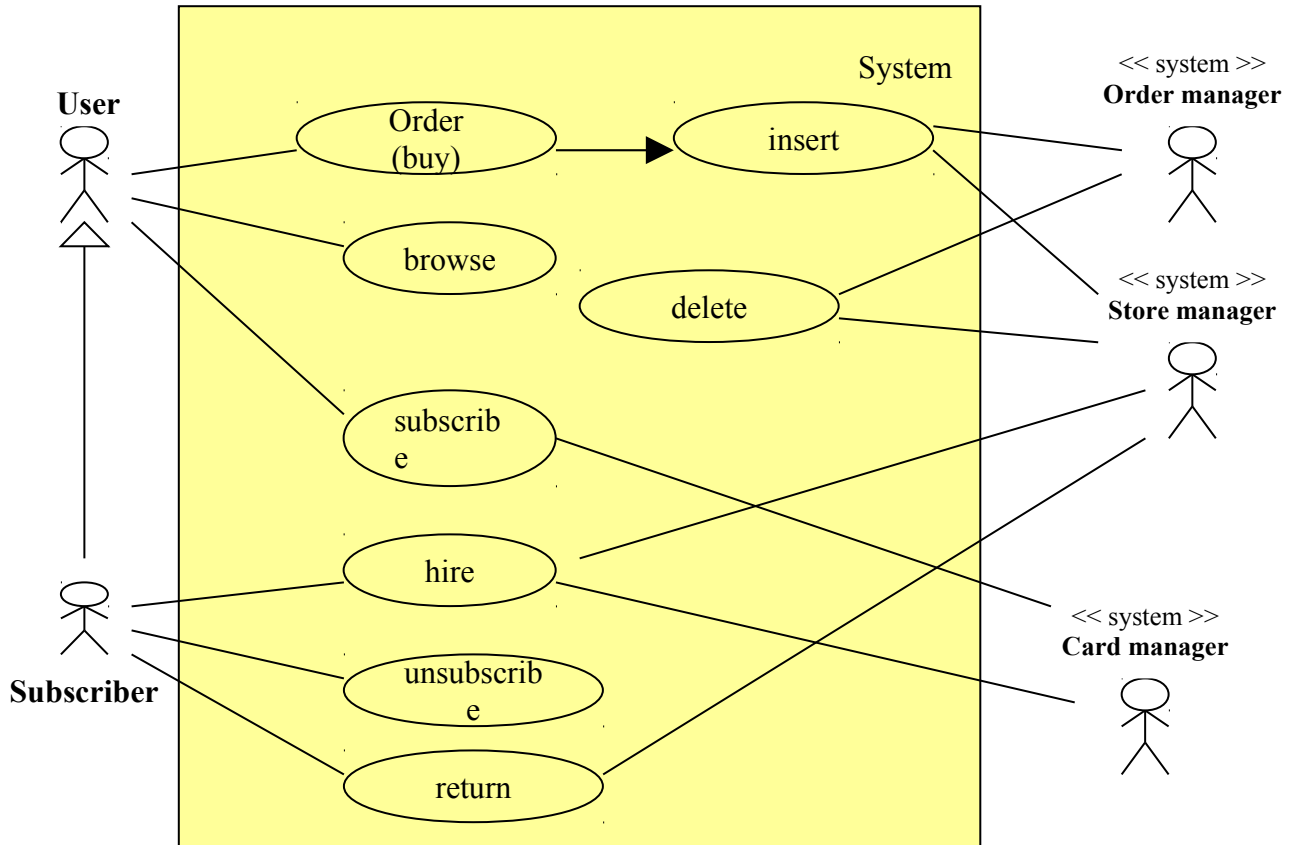
Both user and subscribers can buy a movie and their data are saved in the related order.

When a movie is not available it is ordered.

First Possible Solution



The solution above can be further detailed with a Use Case Diagram made of two actors: **User** and **Subscriber**.



Second Possible Solution

If we want to draw **only a class diagram**, a more suitable solution is the following one:

