**Use Case Diagram for a Movie Store**

**Root/ Admin user:** Manage Library, Manage Files, Manage users, Full Movie Library Management System Operation.

**System User:** Manage Inventory, Manage DVD type, manage DVDs.

**Agent/ retailer/Delivery system:** Create bills, collect payments, view requests, lend DVDs, and collect DVDs.

**Customer:** Request DVDs, make payments, collect DVDs, return DVDs.

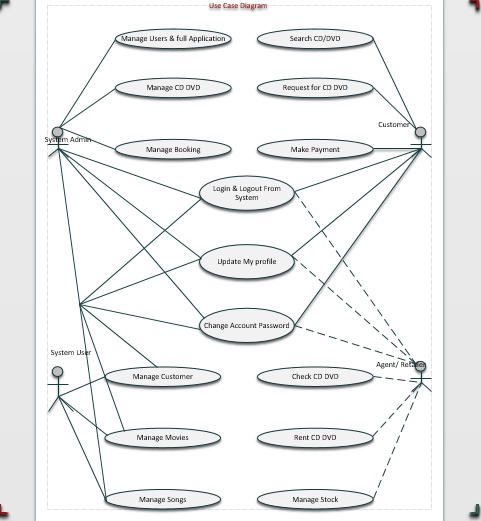
**Typical process:**

* Agent receives items for rent and starts renting process.
* Agent enters customer ID into the system.
* System verifies customer ID.
* System checks the rental cost for all items.
* System computes the total for all items and displays it.
* Clerk receives payment from the customer (By Credit-Card).
* System stores information about rented items and rental plan used (info about rental plan needed for the marketing and recommender systems).
* System marks items as rented (needed for Items Inquiry Use-Case).
* Agent ends session (closes account)

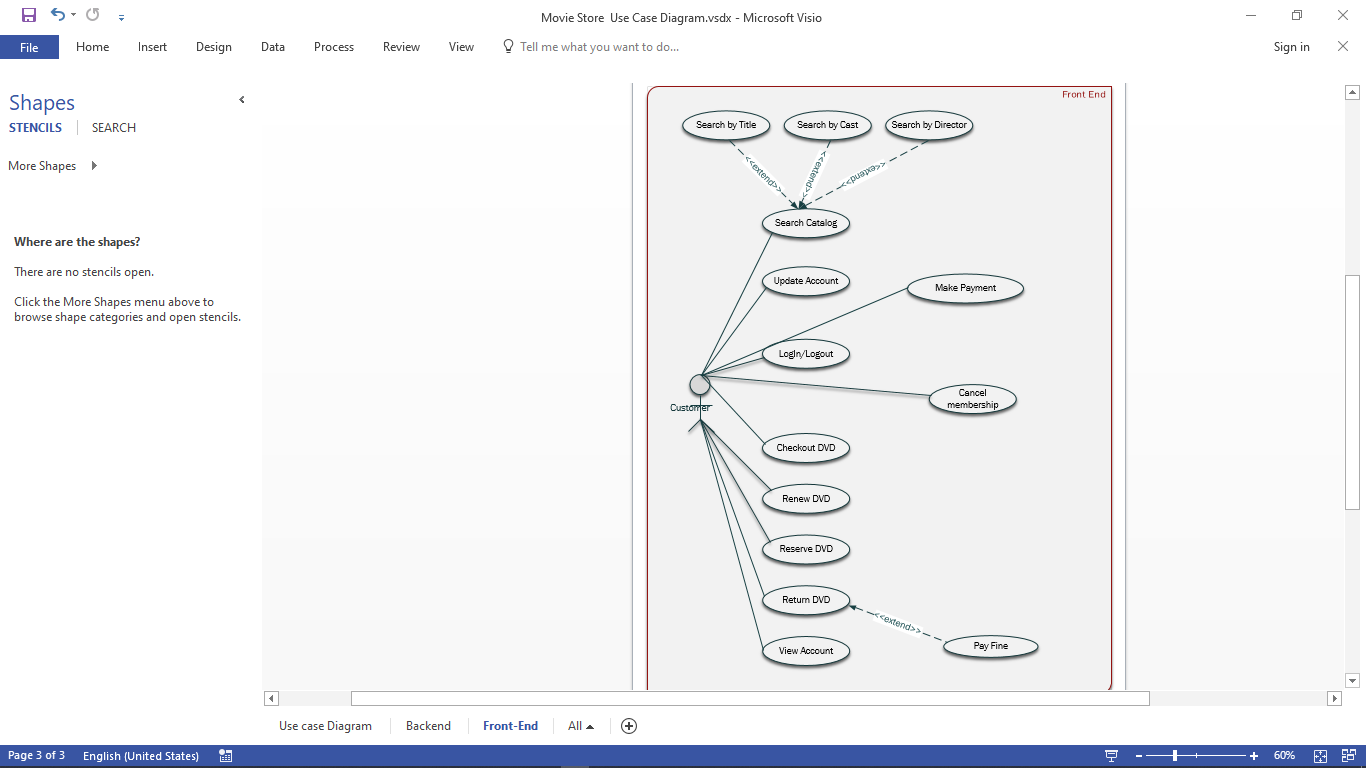
**When Returning DVDs**

* Agent scans videos
* Terminal displays customer name and any fees due
* Agent asks customer to pay fees
* Terminal tells Clerk where to store each DVD

**Use Case Diagram**



**Frontend Use case design**



**Backend Use case Diagram**

