TI-DO e-commerce

1. Usecase
2. Browse the list of DVDs **available** in the store

* Display **order** is based on their **added date (latest to oldest)**

1. Search for DVDs to add to cart
   1. **Three** search option, result will display a list of all matches **(lastest DVDs first)** with all information. **Customer** can choose to **play a specific DVD**. The **software** will play a DVD (a demo part). DVD cannot be played **(notify the customer)** if the length of DVD **0 or less**
   2. View detail information of DVD from DVDs list
   3. Searching option:

* Search by title:
  + **Customer** provides a **string of keyword**
  + Any DVD has **title** **containing** any word in the string of keywords 🡪 counted as a **match**

**#Case-insensitive**

* Search by category
  + **Customer** provides categories name (string)
  + Any DVD has **category** **containing** any word in the string of keywords 🡪 counted as a **match**

**#Case-insensitive**

* Search by price
  + Provide **either minimum** **and maximum cost, or** **just maximum cost**

1. Add a DVD to a cart (from a list of DVDs or the detail screen)
2. See current cart
   1. Display all DVDs
   2. Display total cost
   3. Can listen to a DVD (a demo part) in the cart
   4. Confirm place an order
   5. Sort in cart **(2 options)**
   * Sort by title:
     + Display in **alphabet sequence** by **title**
     + **If** same title: display DVD has **higher cost first**
   * Sort by cost:
     + Display in **decreasing cost**
     + **If** same cost: display DVD by **increasing title**
   1. Update quantity of DVD in cart
   2. Remove a DVD from cart
   3. (Add DVD to cart)
   4. Have an item for free in cart
   * **Random** picked out a DVD **in cart** and give it free (by **system**)
   1. Filter DVDs in cart
   * Provide **ID or title**
   * Display information found in cart
   * **If** not found: notify the customer

#Request to place order **(when seeing the current cart)**

#Purchase **(After request to place order)**

1. View order
2. Login

#Approve or reject the order

#Add new DVDs to the store

1. When should accessor methods be used?