

# Casual Usecases

Title: CD(Create, Delete) movies and actors:

Actor: (Admin jensen) could also be (user)

Scenario: Admin should be able to CUD movies and actors.

Title: Add Movies to favorites

Actor: customer (of application)

Scenario: the customer should be able to use an “add to favourites” option for whatever movie he/she wants. This will add those movies to an exclusive list for the customer.

Title: Make History (list) Create/DISPLAY/Delete

Actor: Customer

Scenario: On registration, the system creates a history list for the customer. The system logs the history of the movie viewed by the customer, so when the customer logs in he/she can chose a “History option” to see previously viewed movies in a chronological list from the main menu.

Title: Search for movies

Actor: Customer

Scenario: the customer can choose a search option in the main menu to search for movies on relevant criteria eg. title, actor, or eg. production year after 1990 and then play the movie.

Title: Display actor list when movie is played

Actor: customer

Scenario: After a movie is played the system will print out a list of actors and their role corresponding to that movie

Title: Login/Register

Actor: Customer

Scenario: Customer should be able to register and login to the application and access the main menu.

## Alternative scenarios:

Title: Failed login

Actor: Customer

Scenario: Customer provided wrong login info and is presented with error message and asked to try again or quit/gtfo.

Title: Search for movie isn't there.

Actor: Customer

Scenario: The customer uses searchwords that does not match anything in on the movie/actor list. The customer is then presented with a message that no match was found and asked to try something else or return to main menu.

### **These are the requirements for the application:**

- The system should be able to create, update, delete and display movies and actors.
- A user should be able to register and login to the system.
- A user would like to be able to add movies to his/her favourites list of movies and a history of which movies he/she has seen and when he/she has seen them.
- A user should be able to search for movies on relevant criteria eg. title, actor, or eg. production year after 1990.
- A user would like to see statistics of relevant things eg. when they saw which movie etc.
- When a user plays a movie the application should print out a list of actors and which role they played in the movie eg.

    Mel Gibson - Nick Marshall

    Helen Hunt - Darcy Maguire

    Etc.

## **Software Design**

1. Identify Actors and Use Cases for the system, and write a Use Case Diagram
2. Write the use cases in brief or casual format.
3. Create System Sequence Diagrams based your central Use Cases
4. Create a Noun List from your Use Cases.
5. Create a Verb List from your Use Cases.
6. Create a Domain Model with relations and multiplicity based on you Noun List.
7. Create a Sequence Diagram (More information will come)
8. Create a Class Diagram for the Movie Application.
  - a. include associations, aggregation or composition

### **Noun List:**

User

Option  
Movie  
List  
Admin  
Registration  
History List  
Favorite list  
System  
Menu  
Database  
Statistics  
Actors  
Title  
Genre  
Date  
Error  
Login  
Application  
Message  
Error Message  
Production Year  
Role  
Choice  
Match

## Verb List:

Create  
Update  
Display  
Delete  
Add  
Able to use  
Use

Log in  
Register  
Logs history  
Choose  
Viewed  
Play  
Search  
See  
Print  
Provide  
Present  
Ask  
Try  
Quit  
Return