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| **Use case** | Manage movies |
| **Summary** | Add, edit, and remove movies from the list of movies. |
| **Actor** | Administrator. |
| **Precondition** | A movie list must exist. |
| **Post condition** | The movie list is updated. |
| **Base sequence** | ADD, EDIT, REMOVE  If ADD go to step 1  If EDIT/REMOVE go to step 4  START ADD   1. Insert title, length, director, release year, average rating, description, and genre of the movie. 2. Add the movie. 3. The system updates the list of movies.   END ADD   1. Go to the list of not-rented movies. 2. Select the Movie.   IF EDIT go to step 6  IF REMOVE go to step 8  START EDIT   1. Edit the movie information. 2. The system updates the movie data in the movie list.   END EDIT  START REMOVE   1. Remove the movie. 2. The movie is removed from the system.   END REMOVE |
| **Exception sequence** |  |
| **Note** | This Use case covers the requirements: 3, 6, 16 |

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| **Use case** | Create a new client |
| **Summary** | Information regarding a new client is entered and stored in the system. |
| **Actor** | Client |
| **Precondition** |  |
| **Post condition** | A new account is created and stored in the system. |
| **Base sequence** | CREATE  START CREATE   1. Information such as name, phone number, age, username, and password are provided. 2. Create a new client. 3. The client is added to the system.   END CREATE |
| **Exception sequence** |  |
| **Note** | This Use case covers the requirements: 5 |

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| **Use case** | Manage rentals |
| **Summary** | Create a rental in the system and display it in the client’s library where the client gets access to the movie they have chosen to rent during the specified period. Cancel a rental from the client’s library and remove it from the system. |
| **Actor** | Client |
| **Precondition** | A list of movies is accessible to the client. |
| **Post condition** | The rental is added or removed from the client’s library and the system. |
| **Base sequence** | RENT, CANCEL   1. Go to the list of movies. 2. Select a movie.   If Rent, go to step 3  If Cancel, go to step 5  START RENT   1. Rent the movie. 2. The system updates the client’s library and the list of rentals.   END RENT  START CANCEL   1. Cancel the rental. 2. The system updates the client’s library and the list of rentals.   END CANCEL |
| **Alternative sequence** | 1.a. Filter the list of movies by title or genre.  1.b. A rental can be canceled from the client’s library, in the client’s profile. |
| **Exception sequence** | 1.a.i. The filter doesn’t return any movies. The use case ends.  1.b.i. The client’s library is empty. The use case ends. |
| **Note** | This Use case covers the requirements: 1, 2, 7, 8, 9, 10, 11, 12, 15, 17 |

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| **Use case** | Give feedback |
| **Summary** | Write and submit a review and leave a rating for a selected movie. |
| **Actor** | Client |
| **Precondition** | A list of movies is accessible to the client. |
| **Post condition** | The review along with the rating is displayed in a list of reviews and the average rating is updated. |
| **Base sequence** | RATE, REVIEW   1. Go to the list of movies 2. Select a movie   If Rate, go to step 3  If Review, go to step 5  Start Rate   1. Give a rating 2. The system updates the average rating for the movie   End Rate  Start Review   1. Write a review for the movie 2. Submit the review 3. The system adds the review to the movie   End Review |
| **Alternative sequence** | 1.a. Filter the list of movies by title or genre.  1.b. Go to the client’s library in the client’s profile. |
| **Exception sequence** | 1.a.i. The filter doesn’t return any movies. The use case ends.  1.b.i. The client’s library is empty. The use case ends. |
| **Note** | This Use case covers the requirements: 12, 13, 14, 15, 18 |

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| **Use case** | View profile |
| **Summary** | Display the client’s information alongside a list of the client’s rentals(library). As a shortcut, the client can access the rented movies from the profile to leave a rating and a review. |
| **Actor** | Client |
| **Precondition** | A rental list and a client must exist in the system. |
| **Post condition** | The client’s profile is displayed. |
| **Base sequence** | DISPLAY   1. Go to the profile 2. The system displays the client’s information such as username, full name, phone number, and age. A list of the client’s rentals is also displayed.   END |
| **Exception sequence** |  |
| **Note** | This Use case covers the requirements: 2 |