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| **Use case** | Manage movies |
| **Summary** | Add and edit 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 |
| **Exception sequence** | START ADD   1. Insert title, length, director, release year, average rating, and description of the movie. 2. Add the movie. 3. The system updates the list of movies.   END ADD  START EDIT   1. Go to the list of movies. 2. Select the Movie. 3. Edit the movie information. 4. The system updates the movie data in the movie list.   END EDIT |
| **Note** | This Use case covers the requirements: 3, 6, 16 |

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| **Use case** | View Rentals |
| **Summary** | Display rentals to keep track of them. |
| **Actor** | Administrator. |
| **Precondition** | A rental list must exist. |
| **Post condition** | The rental list is displayed. |
| **Base sequence** | DISPLAY   1. The List of rentals is displayed 2. Input full name, date of birth or phone number 3. The list of rentals for input data is displayed   END |
| **Exception sequence** |  |
| **Note** | This Use case covers the requirements: 2 |

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| **Use case** | Create a new user |
| **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, date of birth, username, and password are provided.   IF the username does not already exist in the system and if the date of birth is valid   1. Create new client.   ELSE Go to step 1.  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 |