

MOVIE STREAMING WEBSITE
Use-Case Specification

Version <1.0>

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Revision History

Date	Version	Description	Author
19/Jun/22	<1.0>	Create and describe each use case.	Thịnh, Nguyễn, Khôi, Lam, Khanh
		Draw use case model	Thịnh

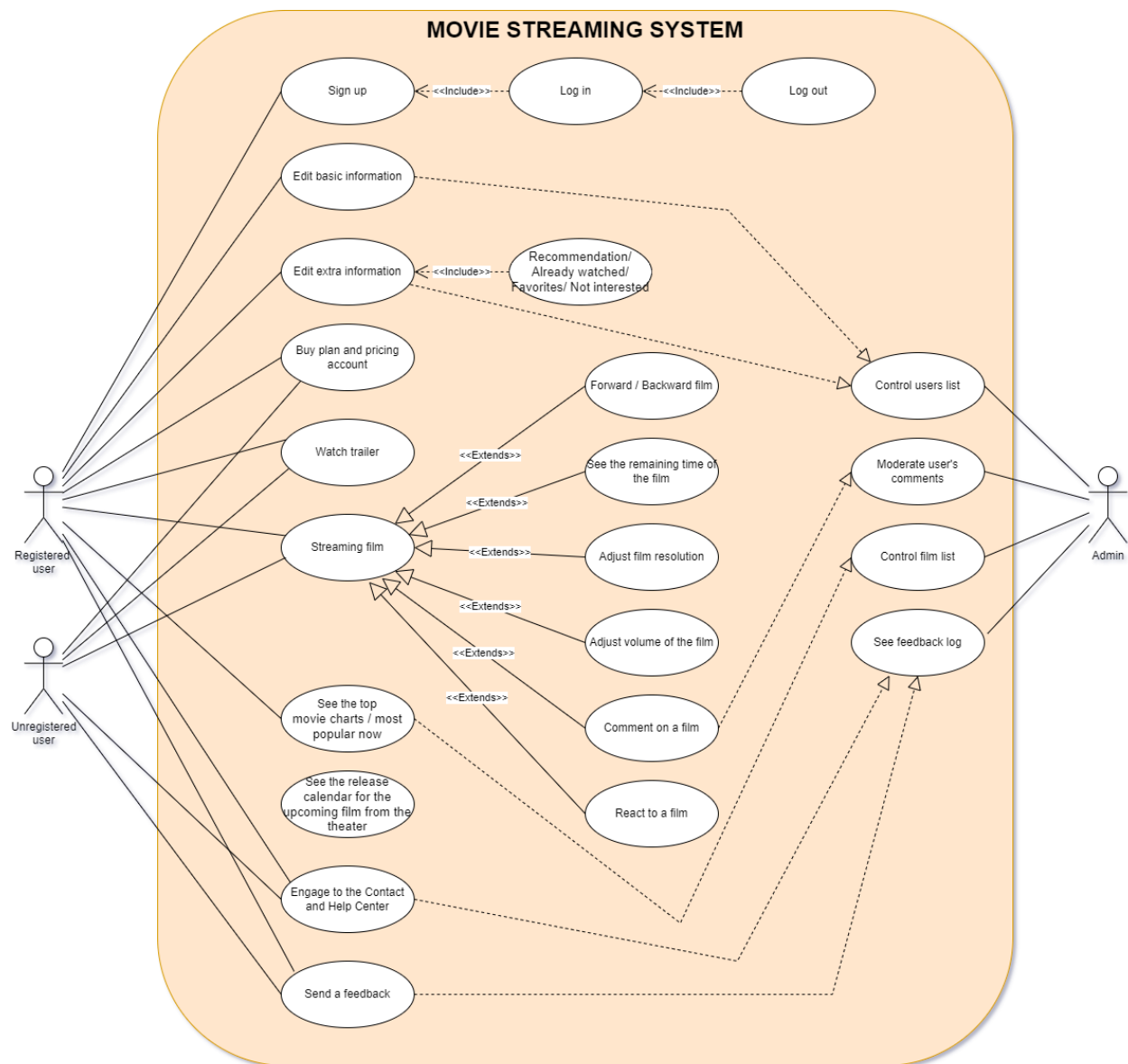
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1. Use-case Model



2. Use-case Specifications

2.1. Administrator features

2.1.1. Use-case: User list control

Use case Name	Control user playlist
Brief description	Controlling all users' basic and extra information.
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> 1. At the homepage, the admin will click the 'Login' button. 2. Admin enters username and password of the admin's account. 3. System checks if the username and password are correct or not. 4. The system displays the administration dashboard. 5. Admin clicks the user's list section.

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	6. The system displays all the users who are registered to the web and their basic and extra information.
Alternative Flows	Alternative flow 1: Admin cannot log in because he/she forgets the password. <ol style="list-style-type: none"> 1. From #1 of the basic flow, the admin clicks on the button. 2. At #3, the system checks the password is wrong. 3. Admin cannot log in to the dashboard. 4. Go back to #2 of the basic flow.
Pre-conditions	Admin goes to the homepage of the website.
Post-conditions	Admin successfully controls every user's information.

2.1.2. Use-case: User's comment moderation

Use case Name	Deleting a comment.
Brief description	Moderating every user's comments by simply removing a comment, is inappropriate.
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> 1. Admin finds an inappropriate comment. 2. He/she clicks that comment and selects "removed". 3. The system will check if that comment is already deleted 4. The system will now ask for reconfirmation from the admin. 5. admin selects "yes". 6. The system will delete that comment and update it to all clients currently viewing that comments section.
Alternative Flows	Alternative flow 1: Admin selects "No" when the system asks for reconfirmation <ol style="list-style-type: none"> 1. The system will not do anything with that comment that was chosen before 2. Return to the main control screen Alternative flow 2: Comments selected by the admin already deleted by another admin but does not updated to GUI yet <ol style="list-style-type: none"> 3. The system will notify the admin that the comment has already been deleted 4. Return to the main control screen
Pre-conditions	Admin are currently viewing a comments sections
Post-conditions	An inappropriate has been deleted

2.1.3. Use-case: Film list control

Use case Name	Controlling all movie lists, adding a movie
Brief description	Add a movie from the system
Actors	Administrator
Basic Flow	7. Admin enters all information and makes sure the source/file is already in

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	<p>the system of a film he/she wants to add</p> <ol style="list-style-type: none"> Admin select "add a movie" from the information entered System check if the movie source/file for streaming is already stored in the system System check if the information conflicted with any other movie or not System asking for reconfirmation and recheck all information of that movie Admin select "yes" The system adds that movie and its information to the database The system updated all clients in the system with the new movies The system created a link to the source/file for streaming and makes sure the movie is stream ready
Alternative Flows	<p>Alternative flow 1: Admin selected "No" when he/she doesn't want to add the movie or wants to edit the information again</p> <ol style="list-style-type: none"> The system returns to the information tab at #1 with all the old information Admin can quit the tab or update the new information he/she wants to update If he wants to update, then the flow back to Basic flow starts from #2, else return to the main screen <p>Alternative flow 2: The system found the information entered by the admin is conflicted with another movie</p> <ol style="list-style-type: none"> System return notice the information is conflicted The system will ask if the admin wants to quit or re-edit the information If the admin wants to re-edit the information, then same with alternative flow 1, else return to the main screen
Pre-conditions	Admin is accessing the movie database
Post-conditions	A movie is added to the database and updated for all users

Use case Name	Controlling all movie lists, removing a movie
Brief description	Remove a movie from the system
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> Admin selected a movie he/she wants to delete. Admin select "remove". The system will now ask for reconfirmation from the admin. admin selects "yes". The system will delete that movie from the database. A system update to all clients.
Alternative Flows	<p>Alternative flow: Admin selects "No" when the system asks for reconfirmation</p> <ol style="list-style-type: none"> The system will not do anything with that movie that was chosen before Return to the main control screen

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Pre-conditions	Admin is accessing the movie database
Post-conditions	A movie is removed from the database and updated for all users

2.1.4. Use-case: Feedback log

Use case Name	Access the feedback log
Brief description	Receiving every feedback of users.
Actors	Administrator
Basic Flow	<ol style="list-style-type: none"> 1. Admin views feedback from the user. 2. Admin can reply to the feedback directly or send it to customer support. 3. If the admin reply to the feedback directly then he/she can enter the reply and then select “send”, else then #5. 4. The system will use the email from user information and send the reply to that user via the team/company's email. 5. The admin informs the feedback of the entire team.
Alternative Flows	Alternative flow 1: Admin can reply to the user via the phone number <ol style="list-style-type: none"> 1. At the #4, the admin clicks ‘reply by phone number’ 2. System checks if the user has entered their phone number or not. 3. The system sends the message to their phone number.
Pre-conditions	Access the feedback log view
Post-conditions	Respond to user feedback either by replying directly or using that feedback to improve the application

2.2. User features

2.2.1. Use-case: Log in / sign up / Log out

Use case Name	Access to website service
Brief description	Creating a user account to store information for website recommendations.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. On the homepage, the user will click the “Login” button. 2. The user enters their email and password. 3. Press “Enter” to submit and access the user account.
Alternative Flows	Alternative flow 1: The user does not have an account. <ol style="list-style-type: none"> 1. From #1, click “Sign up” instead of “Login” 2. Enter name, date of birth, phone number, etc. 3. When finished click the “Create Account” button 4. Then the user needs to check their email to confirm. 5. The account is ready to use. Alternative flow 2: The user cannot remember his/her password. <ol style="list-style-type: none"> 1. From #2, click “Forget password” 2. The user enters an email.

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	3. User checks email to reset password
Pre-conditions	The user goes to the homepage at www.usflix.net
Post-conditions	Users can access to his/her account to use any service the website provides

2.2.2. Use-case: Edit user basic information

Use case Name	Add or change the basic information.
Brief description	Changing personal details on the User Information tab.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. After logging in successfully, the system displays the homepage of the website. 2. Users will see a 'User Information' tab. 3. The user clicks on the tab. 4. The system displays the tab. 5. Users can add or change information such as Fullname, Gender, Age, Avatar, Password, Email, Phone number, Payment method, and Credit Card. 6. The user clicks the 'save' button.
Alternative Flows	Alternative flow 1: Users do not have to add all the information. <ol style="list-style-type: none"> 1. At #5, users do not have to add Email, Phone number, Payment method, or Credit Card. 2. The user clicks the 'save' button.
Pre-conditions	The user must log in successfully.
Post-conditions	All of the information is saved to the database.

2.2.3. Use-case: Edit user extra information

Use case Name	Add or change the extra information.
Brief description	Make a list of Favorites/Already watched/Not interested films.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. After logging in successfully, the system displays the homepage of the website. 2. Users will see a 'User Information' tab. 3. The user clicks on the tab. 4. The system displays the tab. 5. Users can add or change their favorite genre of films such as Action, Horror, Scientific, Romance, or Comedy, and film categories such as Actors, Age range. 6. The user clicks the 'save' button.
Alternative Flows	Alternative flow 1: The user must not leave the choice empty. <ol style="list-style-type: none"> 1. At #5, if users leave the choices empty, the user cannot click the 'save' button.

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Pre-conditions	The user must log in successfully.
Post-conditions	All of the information is saved to the database.

2.2.4. Use-case: Plan and pricing

Use case Name	Buying plans
Brief description	Basic pricing for the user for additional content.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. The system displays the homepage of the website. 2. Users will see a 'Plan and pricing' tab. 3. The user clicks on the tab. 4. The system displays the 'premium account' and the price. 5. The user clicks the 'buy' button. 6. System changes to the 'Check out tab. 7. The user checks all the information before confirming to buy. 8. The user clicks the 'confirm and buy' button. 9. The system accesses the credit card and the bank and sends a receipt email to the user.
Alternative Flows	Alternative flow 1: The user has already paid but the account is not upgraded. <ol style="list-style-type: none"> 1. At #9, if users do not see his/her account upgraded after one hour, they must contact at the 'Contact and Help Center' tab immediately.
Pre-conditions	User must add their payment method and credit card number at the 'User Information' tab before buying plans.
Post-conditions	The user's account is upgraded to the premium account.

2.2.5. Use-case: Watch the trailer

Use case Name	Show the trailer of the movie to the user
Brief description	Allowing users to watch the trailer of the movie.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. User clicks on one of the films they like. 2. The system shows two buttons 'Watch trailer' and 'Watch movie'. 3. The user clicks the 'Watch trailer' button. 4. The system displays the trailer of that movie for the user.
Alternative Flows	Alternative flow 1: The trailer of the movie cannot play <ol style="list-style-type: none"> 1. At #4, The system displays the error message 'Cannot play trailer'.
Pre-conditions	The user has already accessed the movie page.
Post-conditions	Users can have a brief view of the content of the movie.

2.2.6. Use-case: Streaming film

Use case Name	Streaming movies on a website platform.
Brief description	Allowing users to watch the movie.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. User clicks on one of the films they like.

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	<ol style="list-style-type: none"> The system shows two buttons 'Watch trailer' and 'Watch movie'. User presses 'Watch movie'. The system displays that movie for the user. Waiting for the movie to load.
Alternative Flows	Alternative flow 1: The movie cannot play <ol style="list-style-type: none"> From #2, choose another server If the movie still cannot play, click "Report" to send feedback to the administrator
Pre-conditions	The user already had access to the homepage at www.usflix.net
Post-conditions	<p>If the user does not log in to their account, the movie he/she can watch will be limited.</p> <p>If the user logs in to their account and pays for one of the plans, he/she can watch a movie without any limit.</p>

2.2.7. Use-case: Forward/backward film

Use case Name	Change to the next or previous movie
Brief description	Moving to the next/previous film.
Actors	User
Basic Flow	<ol style="list-style-type: none"> The user is in a movie section. If the film is a series film, the user clicks the 'next chapter/part' or 'previous chapter/part' button. If the film is a single film, the user clicks the 'next film' or 'previous film' button. The system will change to the next/previous film section.
Alternative Flows	Alternative flow 1: The user cannot play the next/previous film. <ol style="list-style-type: none"> #2, If the film is a series film and that film is the last chapter/part of the first chapter/part, the user cannot press the 'next chapter/part' or 'previous chapter/part' button.
Pre-conditions	The user has already accessed the movie page.
Post-conditions	The next/previous film is played.

2.2.8. Use-case: Time remaining in the film

Use case Name	Show time remains of the movie
Brief description	Bookmarking the remaining time when users don't want to watch more.
Actors	User
Basic Flow	<ol style="list-style-type: none"> The user is watching a film. The user pauses the film and closes the website. The system recognizes and bookmarks the timeline when the user pauses.
Alternative Flows	Alternative flow 1: The user wants to watch the movie at the beginning again not watch it for the remaining time.

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	<ol style="list-style-type: none"> At #3, the user comes back to the website and clicks the film. The system asks the user to watch from the beginning or continue to watch for the remaining time. The user clicks the 'watch from the beginning' button.
Pre-conditions	The user has already accessed the movie page.
Post-conditions	Users can see the time remaining/total time of the movie.

2.2.9. Use-case: Film resolution

Use case Name	Change movie resolution
Brief description	Allowing a user to change the resolution of the film.
Actors	User
Basic Flow	<ol style="list-style-type: none"> The user selects the "resolution" button The system shows all available resolution The user chooses which resolution he/she wants System changes the current resolution to the new resolution
Alternative Flows	Alternative flow 1: The user cannot change the resolution because of the internet connection <ol style="list-style-type: none"> At #3, the internet connection of the user is too slow. The system will stop the film to load or choose a smaller resolution.
Pre-conditions	The user has already accessed the movie page.
Post-conditions	<p>If the user does not log in to their account, the movie's maximum resolution will be 480p</p> <p>If the user logs in to their account and pay for one of the plans, the movie's maximum resolution will be up to 4K (2160p).</p>

2.2.10. Use-case: Sound control

Use case Name	Control movie sound volume
Brief description	Allowing a user to adjust the volume.
Actors	Users
Basic Flow	<ol style="list-style-type: none"> User selects the sound slider with a pointer representing the current volume. Users can either drag the pointer to left for lowering the volume or drag it to the right for increasing the volume. System changes the current volume from what the current pointer at.
Alternative Flows	Alternative flow 1: Warning the user if the volume is too high. <ol style="list-style-type: none"> The user connects to the headphone or the earphone. The system warns the user not to change the volume to the highest.
Pre-conditions	The user has already accessed the movie page.
Post-conditions	The volume of the movie changes to what the user desires

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2.2.11. Use-case: Film comment

Use case Name	Leave a comment about the movie
Brief description	Allowing users to express their thinking about that movie.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. Select comment box 2. Enter comment about the movie 3. System update that comments to all other viewers and the admin
Alternative Flows	Alternative flow 1: The user cannot comment because of the internet connection <ol style="list-style-type: none"> 1. At #2, the user's internet connection is slow. 2. The system notices an error message 'The comment is not sent.'
Pre-conditions	The user has already accessed movie page.
Post-conditions	User comments will be checked to ensure not violate community policies.

2.2.12. Use-case: Film-like count

Use case Name	Movies are like button
Brief description	Allowing a user to react to the film.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. User liked a film and select the thumbs up button below 2. The liked count increases 3. Liked count will update to all users currently viewing the page
Alternative Flows	Alternative flow 1: The user cannot like more than 1 time. <ol style="list-style-type: none"> 1. At #1, the user can only press the 'like' button one time. 2. If the user presses again, the system will unlike the film.
Pre-conditions	The user has already accessed the movie page.
Post-conditions	Users liked a movie and the like count increased

2.2.13. Use-case: Top movie charts/ most popular now

Use case Name	Charts about most popular movies.
Brief description	Show at homepage chart and list about an upcoming and most popular movie
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. User selects the top movie charts tab 2. System will send the user to the chart page viewing the chart
Alternative Flows	Alternative flow 1: The user can view the chart from many types of chart <ol style="list-style-type: none"> 1. At the #2, the user can select many types of charts such as bar charts, column charts, pie charts, and line chart.
Pre-conditions	User has already accessed to homepage at www.usflix.net

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Post-conditions	User can view the most popular movie available on website
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2.2.14. Use-case: Release calendar for upcoming film from theater

Use case Name	A release calendar for upcoming films from theater
Brief description	Showing the most popular movies at the moment.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. Select the release calendar tab 2. System sends the user to the calendar page viewing the calendar 3. User selects a day from the calendar 4. System show which movie will be released that day
Alternative Flows	Alternative flow 1: User can make a reminder when the next movie is coming <ol style="list-style-type: none"> 1. At the #4, user can save the date when the next movie is coming by clicking on the date and choose the movie and make a reminder.
Pre-conditions	User at the home page
Post-conditions	Users can see which film will be released on a specific date

2.2.15. Use-case: Recommendation/ Already watched/ Favorites/ Not interested

Use case Name	Recommened movie
Brief description	Recommending to the user if they don't know what to watch or don't want to watch a certain film/genre. Based on a liked count of a film, user information.
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. User is watching film at the movie page 2. User click to Add/Remove Favorites/Not interested Button 3. System adds/remove the movie to Favorites/Not interested List of user 4. To see the list, user click to Favorites/Not interested movie tab 5. System shows the list movie user added. 6. If they did not add any movie, system shows " Favorites/Not interested movie list is empty."
Alternative Flows	Alternative flow 1: User cannot click Favorites/Not interested Button (the button disappear) <ol style="list-style-type: none"> 1. At #2, user click refresh page. 2. If the button still disappear, user find and click to "Help & Feedback" button. 3. User writes feedback about he/she experience. 4. Press Enter to submit he/she feedback. Alternative flow 2: User do not see the movie he/she added in the List <ol style="list-style-type: none"> 1. At #5, user refresh page or go back to the movie page and add again. 2. If the List still empty, user find and click to "Help & Feedback" button. 3. User writes feedback about he/she experience.

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	4. Press Enter to submit he/she feedback.
Pre-conditions	User has already watched a movie (with use-case Already watched) User at the movie page (with use-case Favorites/Not interested)
Post-conditions	User had a list of Favorites/Not interested movies

2.2.16. Use-case: Contact and Help Center/ Feedback

Use case Name	Feedback
Brief description	Allow user to send feedback or contact to help center
Actors	User
Basic Flow	<ol style="list-style-type: none"> 1. At homepage or movie page, find and click to "Help & Feedback" button. 2. User writes feedback about he/she experience. 3. Press Enter to submit he/she feedback.
Alternative Flows	<p>Alternative flow 1: User does not have account</p> <ol style="list-style-type: none"> 1. At #2 he/she need to enter his/her name, email, phone, .etc before submit. <p>Alternative flow 2: User already has account</p> <ol style="list-style-type: none"> 1. Just follow the main flow.
Pre-conditions	User goes to homepage at www.usflix.net
Post-conditions	Customer Care Team can quickly contact to user to help and improve user experience when using website services.