

MovieNetscape – Full Use Case Documentation

Use Case: Register an Account

Actor: New User

Description: A user creates a new account on MovieNetscape.

Preconditions:

- A user must have a valid email address.

Basic Flow:

1. User navigates to the registration page.
2. User enters required details (name, email, password).
3. System sends a verification email.
4. User clicks the verification link.
5. System activates the account.

Postconditions:

- User account is created and verified.

Exceptions:

- **Email already in use:** System prompts user to log in.
 - **Invalid email format:** System prompts user to enter a valid email.
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Use Case: Login

Actor: Registered User

Description: A user logs into MovieNetscape.

Preconditions:

- A user must have a verified account.

Basic Flow:

1. User enters an email and password.
2. System verifies credentials.
3. If correct, the system grants access.

Postconditions:

- User is successfully logged in.

Exceptions:

- **Incorrect credentials:** System shows an error message.
 - **Account not verified:** System prompts user to verify email.
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Use Case: View Movie Catalog

Actor: Any User (Logged in or Guest)

Description: A user browses the available movies.

Preconditions:

- None (anyone can browse the catalog).

Basic Flow:

1. User navigates to the movie catalog.
2. System displays available movies.
3. User can filter or search for movies.

Postconditions:

- User sees the list of movies.

Exceptions:

- **No movies available:** System displays a message.
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Use Case: Add a Movie to Watchlist

Actor: Customer

Description: User adds a movie from the catalog to their watchlist.

Preconditions:

- A user must be logged in.
- Watchlist must not exceed plan limits.

Basic Flow:

1. User selects a movie from the catalog.
2. User clicks "Add to Watchlist."
3. System checks watchlist limit.
4. If the limit is not reached, the system adds the movie.

Postconditions:

- Movie is added to the user's watchlist.

Exceptions:

- **Watchlist full:** A user must remove a movie before adding another.
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Use Case: Watch a Movie

Actor: Customer

Description: User streams a movie from their watchlist.

Preconditions:

- Movie must be in the user's watchlist.
- A User must have an active subscription for premium movies.

Basic Flow:

1. User navigates to the watchlist.
2. User selects a movie and clicks "Watch Now."
3. System verifies access based on the subscription plan.
4. Movie starts streaming.

Postconditions:

- A user successfully streams the movie.

Exceptions:

- **Subscription expired:** User cannot watch premium movies.
 - **Movie not in watchlist:** User must add it first.
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Use Case: Watch Free Movies

Actor: Any User (Logged in or Guest)

Description: A user streams free movies without a subscription.

Preconditions:

- A Movie must be categorized as free.

Basic Flow:

1. User navigates to the free movie section.
2. User selects a movie and clicks "Watch Now."
3. Movie starts streaming.

Postconditions:

- A user successfully streams the free movie.

Exceptions:

- **Movie removed from free section:** System denies access.
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Use Case: Upgrade/Downgrade Subscription

Actor: Customer

Description: User changes their subscription plan.

Preconditions:

- A user must have an active subscription.

Basic Flow:

1. User selects a new plan.
2. System processes payment if required.
3. System updates the user's plan.

Postconditions:

- Subscription changes take effect immediately or in the next billing cycle.

Exceptions:

- **Payment failure:** System prevents plan change.
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Use Case: Cancel Subscription

Actor: Customer

Description: User cancels their subscription.

Preconditions:

- A user must have an active subscription.

Basic Flow:

1. User selects "Cancel Subscription."
2. System confirms cancellation.
3. A User loses access to premium movies at the end of the billing period.

Postconditions:

- Subscription is marked for cancellation.

Exceptions:

- **User changes mind before cancellation date:** System allows reactivation.
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Use Case: Rate a Movie

Actor: Customer

Description: User rates a movie after watching it.

Preconditions:

- User must have watched the movie.

Basic Flow:

1. User selects a star rating (1-5).
2. System updates the average rating for the movie.

Postconditions:

- Movie's rating is updated.

Exceptions:

- **User hasn't watched the movie:** System prevents rating.
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Use Case: Review a Movie

Actor: Customer

Description: User writes a text review for a movie.

Preconditions:

- User must have watched the movie.

Basic Flow:

1. User writes a review and submits it.
2. System saves and displays the review.

Postconditions:

- Review appears on the movie page.

Exceptions:

- **Inappropriate content:** System blocks the review.
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Admin Use Cases

Use Case: Manage Movies

Actor: Admin

Description: Admin adds, edits, or removes movies.

Basic Flow:

1. Admin logs in.
2. Admin selects "Manage Movies."
3. Admin adds, edits, or deletes a movie.

Postconditions:

- Movie list is updated.

Exceptions:

- **Invalid data:** System prevents changes.
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Use Case: Manage Payments & Transactions

Actor: Admin

Description: Admin reviews and processes payments.

Basic Flow:

1. Admin accesses the payments dashboard.
2. Admin verifies transactions.

Postconditions:

- Payment is processed.

Exceptions:

- **Fraudulent transaction detected:** System flags the payment.
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Use Case: Generate Reports

Actor: Admin

Description: Admin generates reports on streaming trends.

Basic Flow:

1. Admin selects "Generate Report."
2. System compiles data.

Postconditions:

- Report is generated.