

UC 3: Use Case - CRUD Operations

Use Case	Create Review
Primary Actor	User: A registered individual who can create, read, update, and delete movie reviews. System: The application that processes user inputs and manages reviews.
Goal	Allows the user to create a new movie review.
Preconditions	The user must be logged in!
Postconditions	A new review is saved in the database if it passes the content filter.
Main Flow	<ol style="list-style-type: none">1. User navigates to the "Create Review" page.2. User enters the movie title, rating, and review text.3. System applies the content filter to the review text.4. If the review passes the filter:<ul style="list-style-type: none">• User submits the review.• System saves the review to the database.• System displays a confirmation message.1. If the review fails the filter:<ul style="list-style-type: none">• System displays an error message indicating the issues.
Alternate Flow	<ol style="list-style-type: none">1. User cancels the review creation.<ul style="list-style-type: none">• User clicks "Cancel."• System navigates back to the previous page without saving.
Exceptions	<ol style="list-style-type: none">1. System error during review submission.<ul style="list-style-type: none">• System displays an error message and prompts the user to try again.

Use Case	Read Review
Primary Actor	User: A registered individual who can create, read, update, and delete movie reviews. System: The application that processes user inputs and manages reviews.
Goal	Allows the user to view reviews from other users.
Preconditions	The user must be logged in.
Postconditions	User views a list of reviews.

Main Flow	<ol style="list-style-type: none"> 1. User navigates to the "Reviews" page. 2. System retrieves and displays a list of reviews that passed the content filter.
Alternate Flow	<ol style="list-style-type: none"> 1. User filters reviews by rating or date. <ul style="list-style-type: none"> • User selects filter options. • System displays filtered reviews.
Exceptions	<ol style="list-style-type: none"> 1. No reviews available. <ul style="list-style-type: none"> • System displays a message indicating that no reviews are found.

. Update Review	
Use Case	
Primary Actor	<p>User: A registered individual who can create, read, update, and delete movie reviews.</p> <p>System: The application that processes user inputs and manages reviews.</p>
Goal	Allows the user to update an existing review.
Preconditions	The existing review is updated in the database if it passes the content filter.
Postconditions	User views a list of reviews.
Main Flow	<ol style="list-style-type: none"> 1. User navigates to the "My Reviews" page. 2. User selects a review to update. 3. User modifies the rating and/or review text. 4. System applies the content filter to the updated review text. 5. If the updated review passes the filter: <ul style="list-style-type: none"> • User submits the updated review. • System updates the review in the database. • System displays a confirmation message. 1. If the updated review fails the filter: <ul style="list-style-type: none"> • System displays an error message indicating the issues.
Alternate Flow	<ol style="list-style-type: none"> 1. User filters reviews by rating or date. <ul style="list-style-type: none"> • User selects filter options. • System displays filtered reviews.
Exceptions	<ol style="list-style-type: none"> 1. No reviews available. <ul style="list-style-type: none"> • System displays a message indicating that no reviews are found.

. Delete Review	
Use Case	

Primary Actor	<p>User: A registered individual who can create, read, update, and delete movie reviews.</p> <p>System: The application that processes user inputs and manages reviews.</p>
Goal	Allows the user to delete an existing review.
Preconditions	User must be logged in and have at least one review.
Postconditions	The review is removed from the database.
Main Flow	<ol style="list-style-type: none"> 1. User navigates to the "My Reviews" page. 2. User selects a review to delete. 3. User confirms the deletion. 4. System removes the review from the database. 5. System displays a confirmation message.
Alternate Flow	<ol style="list-style-type: none"> 1. User cancels the deletion. <ul style="list-style-type: none"> • User clicks "Cancel." • System navigates back to the previous page without deleting.
Exceptions	<ol style="list-style-type: none"> 1. System error during review deletion. <ul style="list-style-type: none"> • System displays an error message and prompts the user to try again.