

# MyCritic

## Test Plan

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<b>Identification and classification</b>	<b>Test case 001 - Invalid user login</b>  <b>System - myCritic Webapp</b>  <b>Module - User authentication</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"><li>• User attempts to log into the website with incorrect credentials.</li></ul>
<b>Expected result</b>	<ul style="list-style-type: none"><li>• The following error is displayed to the user: <b>Error: Unable to login in due to incorrect combination of email/password.</b></li></ul>

<b>Identification and classification</b>	<b>Test case 002 - Invalid/Failed registration</b>  <b>System - myCritic Webapp</b>  <b>Module - New User Registration</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"><li>• User attempts to register an account on the website with invalid details</li></ul>
<b>Expected result</b>	<ul style="list-style-type: none"><li>• The following error is displayed to the user: <b>Error: Unable to register, please check the following fields: (Invalid fields highlighted)</b></li></ul>

<b>Identification and classification</b>	<b>Test case 003 - Rating calculation</b>  <b>System - myCritic Webapp</b>  <b>Module - Rating</b>  <b>Severity - 3</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>When the user enters a rating for any media item, a new average rating for the media item is calculated</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>The new rating should be an accurate calculation of the new average with the user's entered rating</li> </ul>

<b>Identification and classification</b>	<b>Test case 004 - Follow User</b>  <b>System - myCritic Webapp</b>  <b>Module - Followers</b>  <b>Severity - 3</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>UserA clicks 'follow' on UserB's account</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>UserB's username successfully appears in userA's 'following' list</li> </ul>

<b>Identification and classification</b>	<b>Test case 005 - Follow User Count</b>  <b>System - myCritic Webapp</b>  <b>Module - Followers</b>  <b>Severity - 3</b>
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<b>Instructions</b>	<ul style="list-style-type: none"> <li>UserA clicks 'follow' on UserB's account</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>UserB's follower count is incremented</li> </ul>

<b>Identification and classification</b>	<b>Test case 006 - What's New Feed following new user</b>  <b>System - myCritic Webapp</b>  <b>Module - Followers</b>  <b>Severity - 3</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>UserA clicks 'follow' on UserB's account</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>UserB's content now appears in userA's 'what's new' feed</li> </ul>

<b>Identification and classification</b>	<b>Test case 007 - 'What's New' Feed</b>  <b>System - myCritic Webapp</b>  <b>Module - Review Feed</b>  <b>Severity - 3</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>When a user navigates to their feed, it is populated with recently reviewed media by the users they are following</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>The user is able to see posts containing recently reviewed media by the users they are following</li> </ul>

<b>Identification and classification</b>	<b>Test case 008 - Updating Profile Password</b>  <b>System - myCritic Webapp</b>  <b>Module - User accounts</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User clicks on their profile and is redirected to their homepage</li> <li>• The user clicks 'update info'</li> <li>• The user chooses 'change password' and is prompted to enter the old password and new password</li> <li>• The user clicks 'save changes'</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The user's password is now set to the value of new password</li> </ul>

<b>Identification and classification</b>	<b>Test case 009 - Updating Profile Picture</b>  <b>System - myCritic Webapp</b>  <b>Module - User accounts</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User clicks on their profile and is redirected to their homepage</li> <li>• The user clicks 'update info'</li> <li>• The user chooses 'change profile picture' and is prompted with a field to enter the URL to their new profile picture.</li> <li>• The user clicks 'save changes'</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The user's profile picture is updated for themselves, and all users</li> </ul>

<b>Identification and classification</b>	<b>Test case 010 - Review Within Range Equivalence</b>  <b>Class</b>  <b>System - myCritic Webapp</b>  <b>Module - Write a Review</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• A user enters a review that is within the range of allowed character count [50, 10000] and submits</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review is added to the list of reviews for other users to view.</li> </ul>

<b>Identification and classification</b>	<b>Test case 011 - Review Length Too Long</b>  <b>Equivalence Class</b>  <b>System - myCritic Webapp</b>  <b>Module - Write a Review</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• A user enters a review that is greater than 10,000 characters</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review is cut off at the user receives an alert <ul style="list-style-type: none"> <li>○ Error: Review must not exceed 10000 characters</li> </ul> </li> </ul>

<b>Identification and classification</b>	<b>Test case 012 - Review Length Too Short</b>  <b>Equivalence Class</b>  <b>System - myCritic Webapp</b>  <b>Module - Write a Review</b>  <b>Severity - 3</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User enters a review that is [1,48] characters and attempts to submit</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The user receives an alert stating: <ul style="list-style-type: none"> <li>◦ Error: Review must be at least 50 characters</li> </ul> </li> </ul>

<b>Identification and classification</b>	<b>Test case 013 - Review Length Boundary Test</b>  <b>System - myCritic Webapp</b>  <b>Module - Write a Review</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User attempts to submit a review with character length near the boundaries of the domain or the case of a 0 character review. Test lengths 0, 49, 10001</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The User receives the appropriate alert: <ul style="list-style-type: none"> <li>◦ Error: review must be at least 50 characters</li> <li>◦ Error: review must not exceed 10000 characters</li> </ul> </li> </ul>

<b>Identification and classification</b>	<b>Test case 014 - Search results</b>  <b>System - myCritic Webapp</b>  <b>Module - Media Search</b>  <b>Severity - 2</b>
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<b>Instructions</b>	<ul style="list-style-type: none"> <li>User submits a search query with allowed length [1, 30] characters</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>The user is redirected to a list of media and usernames that match the search query</li> </ul>

<b>Identification and classification</b>	<b>Test case 015 - Search query zero length Boundary Test</b>  <b>System - myCritic Webapp</b>  <b>Module - Media Search</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>User submits an empty search query</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>The search does not initiate and does nothing</li> </ul>

<b>Identification and classification</b>	<b>Test case 016 - Search Query Exceeding max length</b>  <b>System - myCritic Webapp</b>  <b>Module - Media Search</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>User submits a search query greater than 30 characters</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>The user is redirected to a list of media and usernames that match the first 30 characters of the search query, the rest is ignored, and the top of the page informs the user that their search was truncated at 30 characters.</li> </ul>

<b>Identification and classification</b>	<b>Test case 017 - Unfollow User List</b>  <b>System - myCritic Webapp</b>  <b>Module - Followers</b>  <b>Severity - 3</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• UserA is following UserB</li> <li>• UserA clicks on UserB's account and is redirected to UserB's homepage</li> <li>• UserA clicks 'unfollow' on UserB's homepage</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• UserB is removed from UserA's 'following' list</li> </ul>

<b>Identification and classification</b>	<b>Test case 018 - Unfollow User Count</b>  <b>System - myCritic Webapp</b>  <b>Module - Followers</b>  <b>Severity - 3</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• UserA is following UserB</li> <li>• UserA clicks on UserB's account and is redirected to UserB's homepage</li> <li>• UserA clicks 'unfollow' on UserB's homepage</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• UserB's follower count is decremented</li> </ul>



<b>Identification and classification</b>	<b>Test case 019 - Unfollow User List</b>  <b>System - myCritic Webapp</b>  <b>Module - Followers</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• UserA is following UserB</li> <li>• UserA clicks on UserB's account and is redirected to UserB's homepage</li> <li>• UserA clicks 'unfollow' on UserB's homepage</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• UserB's reviewed content no longer shows up in UserA's "what's new" feed</li> </ul>

<b>Identification and classification</b>	<b>Test case 020 - Media Equivalence</b>  <b>System - myCritic Webapp</b>  <b>Module - Media Search</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User A searches for a media</li> <li>• User A clicks the media they were searching for</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• A page opens displaying the equivalent media</li> </ul>

<b>Identification and classification</b>	<b>Test case 021 - Invalid Navigation</b>  <b>System - myCritic Webapp</b>  <b>Module - Media Navigation</b>  <b>Severity - 2</b>
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<b>Instructions</b>	<ul style="list-style-type: none"> <li>User A navigates to an invalid page</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>The 404 error page loads</li> </ul>

<b>Identification and classification</b>	<b>Test case 022 - Compatibility</b>  <b>System - myCritic Webapp</b>  <b>Module - Compatibility</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>Go to <a href="http://browsershots.org/">http://browsershots.org/</a></li> <li>Enter three unique urls for our website</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>Browsershots takes screenshots of the website with multiple operating systems and internet browsers</li> <li>If the website is compatible it should have a screen shot showing the correct output.</li> </ul>

<b>Identification and classification</b>	<b>Test case 023 - IMDB Rating Pull</b>  <b>System - myCritic Webapp</b>  <b>Module - API Integration</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>User selects a movie and is redirected to that movie's review/rating page</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>The review/rating page should display the IMDB rating</li> </ul>

<b>Identification and classification</b>	<b>Test case 024 - Movie/TV Review Page</b>  <b>System - myCritic Webapp</b>  <b>Module - Review Pages</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User selects a movie and is redirected to that movie's review/rating page</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review/rating page should correctly display movie metadata (thumbnail, description, director)</li> <li>• The review/rating page should display the reviews and ratings made by MyCritic users</li> </ul>

<b>Identification and classification</b>	<b>Test case 025 - Spotify Rating Pull</b>  <b>System - myCritic Webapp</b>  <b>Module - API Integration</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User selects a song and is redirected to that song's review/rating page</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review/rating page should display the Spotify rating</li> </ul>

<b>Identification and classification</b>	<b>Test case 026 - Song Review Page</b>  <b>System - myCritic Webapp</b>  <b>Module - Review Pages</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User selects a song and is redirected to that song's review/rating page</li> </ul>

<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review/rating page should correctly display song metadata (thumbnail, description, artist)</li> <li>• The review/rating page should display the reviews and ratings made by MyCritic users</li> </ul>
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<b>Identification and classification</b>	<b>Test case 027 - IGDB Rating Pull</b>  <b>System - myCritic Webapp</b>  <b>Module - API Integration</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User selects a video game and is redirected to that game's review/rating page</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review/rating page should display the IGDB rating</li> </ul>

<b>Identification and classification</b>	<b>Test case 028 - Game Review Page</b>  <b>System - myCritic Webapp</b>  <b>Module - Review Pages</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User selects a video game and is redirected to that game's review/rating page</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review/rating page should correctly display game metadata (thumbnail, description, publisher)</li> <li>• The review/rating page should display the reviews and ratings made by MyCritic users</li> </ul>

<b>Identification and classification</b>	<b>Test case 029 - Goodreads Rating Pull</b>  <b>System - myCritic Webapp</b>  <b>Module - API Integration</b>  <b>Severity - 2</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User selects a book and is redirected to that book's review/rating page</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review/rating page should display the Goodreads rating</li> </ul>

<b>Identification and classification</b>	<b>Test case 030 - Book Review Page</b>  <b>System - myCritic Webapp</b>  <b>Module - Review Pages</b>  <b>Severity - 1</b>
<b>Instructions</b>	<ul style="list-style-type: none"> <li>• User selects a book and is redirected to that book's review/rating page</li> </ul>
<b>Expected result</b>	<ul style="list-style-type: none"> <li>• The review/rating page should correctly display book metadata (thumbnail, description, author)</li> <li>• The review/rating page should display the reviews and ratings made by MyCritic users</li> </ul>