MyCritic

Product Testing Instructions

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Introduction

MyCritic was developed with the intention to consolidate review platforms of all types of consumer-enjoyed media. Whether it be movies, music, games, or books, users of MyCritic can visit the site to browse new and popular releases, along with their ratings pulled from popular API platforms like Spotify and Goodreads. Users can also leave their own reviews and ratings for others to observe, and follow other users with similar tastes so they can stay up-to-date on what that user is reviewing.

System Requirements

- MyCritic server depends on MySql, Redis, NodeJs, and the node package manager (npm)
- MyCritic is a web-based application, any device can visit http://167.99.95.173:8080/ To browse the site. The server should restart automatically on any crash. Just hit the back arrow or go back to http://167.99.95.173:8080/.
- Alternatively, a virtual machine image can be downloaded at https://purdue0-my.sharepoint.com/:f:/g/personal/hagedorj_purdue_edu/EidLpscnvX5Fv_4CUSDbhoEBk9nU8vEpyHdTSbq8VN06XA?e=Bb82kj
  - This machine was created with virtualbox https://www.virtualbox.org/
  - Architecture: Ubuntu Linux 16.04.3 64 bit

Test Setup

- For the web server(easiest):
  - Navigate to the url in a web browser (the server automatically restarts on any crash, just renavigate to the url)
- For the virtual machine(more difficult):
  - Download the vm from the link above, and set up the virtual machine using the files from sharepoint.
  - Create a machine with the above architecture, and click machine -> add and select the cs408.vbox file
  - The dependencies and database are already set up, just open up terminal, 'cd Desktop' and run './MyCritic'

■ There is an additional readme on the desktop with information about flushing the database and caching server

Program Structure

User Accounts

MyCritic users are not required to have an account to browse, search for, and view media reviews. However, to keep track of user reviews, and implement a system for following users, MyCritic users **must** have an account and be logged in to leave reviews and follow other users. With an account, a user has access to the following:
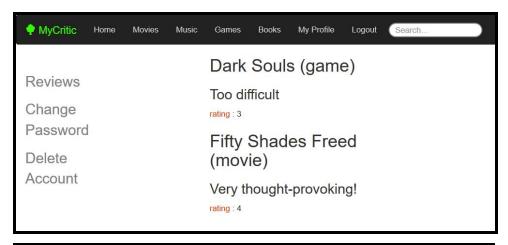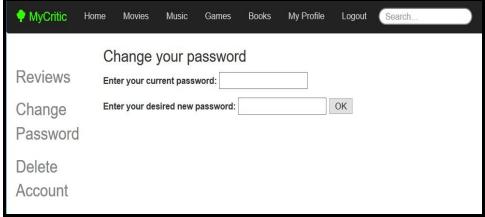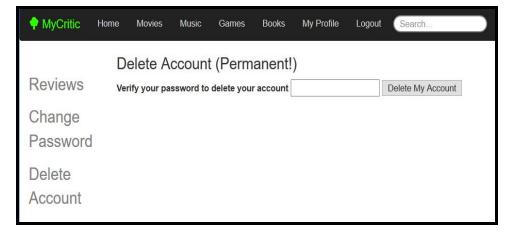
- Registration
- Log-in

- MyProfile
  - view the reviews they've left
  - Change password
  - Delete account, and all account associations (reviews/followers)

Reviews

Change
Password

Delete
Account

Dark Souls (game)

Too difficult

rating : 3

Fifty Shades Freed (movie)

Very thought-provoking!

rating : 4

Reviews

Change
Password

Delete
Account

Change your password

Enter your current password: [_____]

Enter your desired new password: [_____] [OK]

Reviews

Change
Password

Delete
Account

Delete Account (Permanent!)

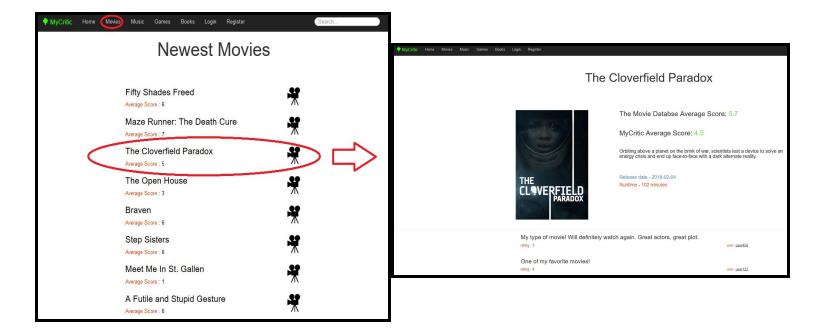Verify your password to delete your account [_____] [Delete My Account]

Browsing Media and reviews

Any user, whether or not they have an account/are logged in, can browse through the media categories, view specific summaries and thumbnails, and see reviews left by others.
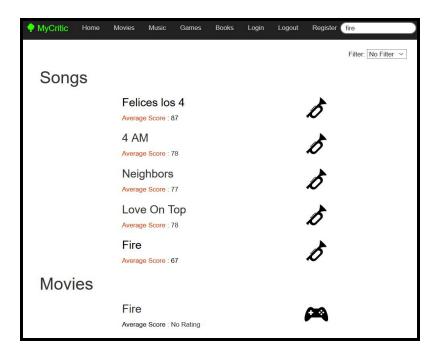
- Movies, Music, Games, Books
  - Within a category, select an item to view
    - Thumbnail, summary, reviews

Searching Media

The search bar is available from anywhere on the MyCritic site. Upon searching, you will presented with a list of at most 5 titles within each category.

- Search Bar
- Filter
  - Show only results from a particular category

Write a Review

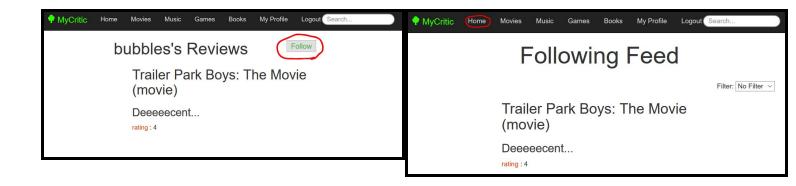Any **logged-in** user can rate and write a review on any piece of media
- Rating
    - Dropdown with options that tie to the rating number
- Your Comments Here…
    - The Section to write your review
- Submit
    - Inserts review into database

and end up face-to-face with a dark alternate reality.

Release date - 2018-02-04
Runtime - 102 minutes

Review this movie

Rating: [Meh.. ▼]

[Your comments here..

]

[Submit Review]

Follow a user & personalized feed

Any **logged-in** user can follow another user. Upon doing so, the user's feed is populated with reviews written by users that they follow.

- Follow/Unfollow Buttons
- Following Feed (home)

🌴 MyCritic   Home   Movies   Music   Games   Books   My Profile   Logout [Search...]

bubbles's Reviews   [Follow]

Trailer Park Boys: The Movie (movie)

Deeeeecent...
rating : 4

🌴 MyCritic   Home   Movies   Music   Games   Books   My Profile   Logout [Search...]

Following Feed

Filter: [No Filter ▼]

Trailer Park Boys: The Movie (movie)

Deeeeecent...
rating : 4

Program Operation

NOTE: If you are on the web server and the server crashes, it will automatically restart, just navigate to the root url. Otherwise restart it manually on the virtual machine.
(see program structure for screenshots of related views**)**

User Accounts

- Registration
    1. Users must provide an email, username, and password.
        a. Email: must contain '@' to be considered valid
        b. Username: must be alphanumeric, and between 2 and 16 characters to be considered valid
        c. Password: must be alphanumeric, special characters are allowed, and between 6 and 16 characters to be valid.
    2. Click Submit
- Logging in
    1. Users must provide their full registered **email(**not username!) and password to log-in.
    2. Click Submit
    3. You will be redirected to the home page (feed page).
- Logging out
    ○ The logout button is visible in the navbar **only if** you are **logged in**
    1. As a logged in user, click 'logout' in the navbar
    2. You will be redirected to the home page
- Change Password
    1. Login to an account
    2. Click 'MyProfile' in the navbar
    3. Click 'Change Password' in the sidebar
    4. Enter your current and new password, and click submit
    5. It will redirect you back to the profile page
- Delete Account
    ○ Deleting your account will also **delete any reviews by that user**, as well as **remove the deleted user** from other user's following list
    1. Login to an account
    2. Click 'MyProfile' in the navbar
    3. Click 'Delete Account' in the sidebar

4. Enter your current password and click delete my account
5. You will be redirected to the home page

Browsing Media and Reviews

1. Click on one of the five media categories in the navbar, you will be directed to a list of related content (new/popular for each category)
   a. Note: due to free-tier API limitations, the books category may load slowly if the data in the cache is expired.
2. To view details and reviews on a specific piece, click on a title. You will be presented with the appropriate thumbnail, summary, rating from an external API, rating from the internal MyCritic database(if any), and MyCritic reviews (if any)
   a. NOTE: If the user is signed in, they will also be able to view and submit ratings and reviews for that piece of media.
   b. NOTE: The Books API did not provide a url for the thumbnail image so there is no thumbnail for the books.
   c. NOTE: The Music API did not have a description for a song so there is no summary for the music.

Searching Media

The search is visible no matter where you are on the MyCritic site.
1. Click on the navbar, and type in your search query.
2. Hit the enter key. You will be presented with at most 5 media relevant to your query. Note that some queries will yield nothing for some categories.
3. Each title is clickable, just as it is when browsing media
4. To only see titles for a certain category, choose an option from the 'filter' dropdown.
5. You can also filter the search into a specific category or go back to no filter.

Write a Review

1. Log in to an account. **NOTE:** the review form is not visible unless you are logged in.
2. Navigate to a title's summary page (see 'Browsing Media' above).
3. If necessary, scroll down until you see the Review form, which consists of a dropdown and a text area.

a. The dropdown is composed of strings that correspond to a numerical value (1-5, in order) used in calculating the average MyCritic score, seen on the media summary page.
4. Select a rating from the dropdown (default is 'meh' (3))
5. Type a review.
   a. Review may be empty, and has a maximum of 10,000 characters.
6. Click 'submit', the page will refresh and your rating, review, and username will be visible at the bottom of the media summary page.

Follow/Unfollow a user

1. Navigate to a media summary page for an item that has existing reviews.
2. Click on the username next to the review, you will be navigated to that user's profile
3. Click the 'follow'/'unfollow' button, you are now following/unfollowing that user and their reviews will appear/not appear in your home feed

Personalized Home Feed

1. Complete the steps to follow a user
2. Navigate to 'home' in the navbar. This is also where you are directed to whenever you log in.
3. You will be presented with a list of reviews that the users you follow have submitted, ordered by date.
4. Use the filters dropdown to filter by category, just as in the search feature.