

MyCritic

Product Backlog

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Problem Statement

A website like IMDB will allow users to rate movies and TV shows, but not music. Spotify on the other hand, allows rating music, but not books. People wanting to rate content or view ratings and reviews from different mediums need to waste time navigating between sites, and different logins for the same. Our web application condenses different websites and media types, and provides a single place for users to rate their favourite content, accessed from across the internet.

Background Information

When you hear about a new movie, you can search for reviews for that particular movie and browse through the different sites like IMDB, Rotten tomatoes, and various blog posts. This process of browsing reviews could be much easier, and allow individuals to upload their own reviews for others to read all in one place, and not have to worry about multiple logins for review sites that are specifically for one type of media. Also, it would be nice if when you found a reviewer that had similar interests, you could follow them to find more content that you like and have a feed showing their new ratings.

Environment

Starting off we will develop a server using Node.js, this will display our website to our users. To build the website we will be developing the static pages with HTML and formatting them with CSS and Bootstrap. Then for dynamic pages we will utilize EJS to inject javascript into the HTML. Once the core of our website is build we will implement an IMDB api, Spotify api, GoodReads api, and igdb api. Those apis would allow us to get information on and ratings of movies, books, and video games.

Requirements

Functional

Backlog ID	Functional Requirements	Hours	Status
1	As a user, I would like to be able to login into my MyCritic account with my email.	5	Completed in Sprint 1
2	As a user, I would like to be able to successfully logout of my MyCritic account.	5	Completed in Sprint 1
3	As a user, I would like to be able to create a MyCritic account.	8	Completed in Sprint 1
4	As a user, I would like to be able to change my password.	5	Completed in Sprint 1
5	As a user, I would like to be able to search for a particular media piece.	6	Completed in Sprint 2
6	As a user, I would like to be able to delete my account.	5	Completed in Sprint 1
7	As a user, I would like to be able to see a Spotify rating for a piece of music	5	Completed in Sprint 1
8	As a user, I would like to be able to see an IMDb rating for a movie.	5	Completed in Sprint 1

9	As a user, I would like to be able to submit my own rating for a piece of media.	6	Completed in Sprint 2
10	As a user, I would like to be able to submit my own review for a piece of media.	6	Completed in Sprint 2
11	As a user, I would like to be able to categorize and filter my search results.	10	Completed in Sprint 2
12	As a user, I would like to be able to see a IGDB rating for a game	5	Completed in Sprint 1
13	As a user, I would like to be able to see a Goodreads rating for a book	5	Completed in Sprint 1
14	As a user, I would like to be able to view another user's profile to see their other reviews	5	Completed in Sprint 2
15	As a user, I would like to be able to follow other reviewers	9	Completed in Sprint 2
16	As a user, I would like to be able to view a feed based off of users I follow	5	Completed in Sprint 2
17	As a user, I would like to be able to apply filters to my content feed	5	Completed in Sprint 2
18	As a user, I would like to be able to	4	Completed in Sprint 2

	unfollow reviewers		
19	If time allows as a user, i would like to be able to upvote or downvote a review	5	Optional - Not completed
20	As a developer, I would like to inspect my code, unit inspect my code, and inspect the design of my code.	100	Completed
	Total	204 Hours	

Non-Functional

Backlog ID	Non - Functional Requirements	Hours	Status
21	As a user, I would like my personal information to remain secure and private.	10	Completed (mostly, could use SSL for true security) in Sprint 2
22	As a developer, I would like to learn how to use Node.js	10	Completed in Sprint 1
23	As a developer, I would like to learn how to use EJS	10	Completed in Sprint 1
24	As a developer, I would like to learn how to use mySQL	10	Completed in Sprint 1
	Total	40 Hours	

Use Cases

Case : Login

Action

1. Enter credentials
2. Click login button

System Response

3. Use credentials to authenticate user
4. Redirect user to home page

Case : Logout

Action

1. Click logout button

System Response

2. Redirect user to login page

Case : Change Password

Action

1. Navigate to profile page
2. Click change password button
4. Enter current password and desired new password.

System Response

3. Display two text boxes, one for the current password and one for the new
5. Use current password to authenticate user
6. Update user password

Case : Create account

Action

1. Enter account details
2. Click register button

System Response

3. Use details to create user account
4. Redirect user to welcome page

Case : Search media

Action

1. Type part or full name of media into search bar
2. Click search button

System Response

3. Generate api calls using the search string provided by user
4. Receive and parse response given by server
5. Display search results to use

Case : Delete account

Action

1. Login to account
2. Navigate to profile page
3. Click delete account button
5. Enter password as confirmation

System Response

4. Query user for password
6. Remove account from database
7. Redirect to welcome page

Case : View Profile

Action

1. Click on another user's profile picture or username

System Response

2. Redirect user to target user's profile page

Case : Music Rating

Action

1. Navigate to a song you want to see the rating for.

System Response

2. Query Spotify Api and gather information
3. Display Song rating

Case : Movie Rating

Action

1. Navigate to a song you want to see the rating for.

System Response

2. Query IMDB Api and gather information
3. Display Movie rating

Case : Rating Media

Action

1. Navigate to a media you want to rate.
2. Click the rate button and leave a rating.

System Response

3. Update the database rating average for that media
4. Set boolean value that user rated it.

Case : Reviewing Media

Action

1. Navigate to a media you want to rate
2. Click the write a review button and type a review

System Response

3. Add review to list of reviews in database
4. Add review to user's list of reviews in database
5. Set boolean value that user reviewed it
6. Increment review counter

Case : Filter Search

Action

1. Search for some media

System Response

2. Query All Api and gather information

3. Sort the information into the different categories.

Case : Video Game Rating

Action

1. Navigate to a Video Game you want to see the rating for.

System Response

2. Query IGDB Api and gather information
3. Display Video Game rating

Case : Book Rating

Action

1. Navigate to a book you want to see the rating for.

System Response

2. Query GoodReads Api and gather information
3. Display book rating

Case : Follow Reviewers

Action

1. Navigate to a reviewer you want to follow
2. Click the follow option

System Response

3. Add the reviewer to their follow list in the database.

Case : User Feed

Action

1. Navigate to the user feed

System Response

2. Query the users follower list.
3. Organize the post from the followed users
4. Display the feed.

Case : Filter Feed

Action

1. Navigate to the feed page
2. Select filter option

System Response

3. Organize the queries to fit the filter format.

Case : Unfollow Reviewer

Action

1. Navigate to a reviewer you want to unfollow
2. Click the unfollow option

System Response

3. Remove the reviewer to their follow list in the database.

Case : Review Voting

Action

1. Navigate to a review you want to vote on
2. Click the upvote or downvote option

System Response

3. Add the vote to the database