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	Planned for Sprint 1
2	As a user, I would like to be able to successfully logout of my MyCritic account.	5	Planned for Sprint 1
3	As a user, I would like to be able to create a MyCritic account.	8	Planned for Sprint 1
4	As a user, I would like to be able to change my password.	5	Planned for Sprint 1
5	As a user, I would like to be able to search for a particular media piece.	6	Planned for Sprint 1
6	As a user, I would like to be able to delete my account.	5	Planned for Sprint 1
7	As a user, I would like to be able to see a Spotify rating for a piece of music	5	Planned for Sprint 1
8	As a user, I would like to be able to see an IMDb rating for a movie.	5	Planned for Sprint 1

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

	unfollow reviewers		
19	If time allows as a user, i would like to be able to upvote or downvote a review	5	If possible Sprint 2
20	As a developer, I would like to inspect my code, unit inspect my code, and inspect the design of my code.	100	Planned for Sprint 1/2
	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	Planned for Sprint 2
22	As a developer, I would like to learn how to use Node.js	10	Planned for Sprint 1
23	As a developer, I would like to learn how to use EJS	10	Planned for Sprint 1
24	As a developer, I would like to learn how to use mySQL	10	Planned for Sprint 1
	Total	40 Hours	

Use Cases

Case : Login

Action	System Response
1. Enter credentials	3. Use credentials to authenticate user
2. Click login button	4. Redirect user to home page

Case : Logout

Action	System Response
1. Click logout button	2. Redirect user to login page

Case : Change Password

Action	System Response
1. Navigate to profile page	3. Display two text boxes, one for the current password and one for the new
2. Click change password button	5. Use current password to authenticate user
4. Enter current password and desired new password.	6. Update user password

Case : Create account

Action	System Response
1. Enter account details	3. Use details to create user account
2. Click register button	4. Redirect user to welcome page

Case : Search media

Action	System Response
1. Type part or full name of media into search bar	3. Generate api calls using the search string provided by user
2. Click search button	4. Receive and parse response given by server
	5. Display search results to use

Case : Delete account

Action	System Response
1. Login to account	4. Query user for password
2. Navigate to profile page	6. Remove account from database
3. Click delete account button	7. Redirect to welcome page
5. Enter password as confirmation	

Case : View Profile

Action	System Response
1. Click on another user's profile picture or username	2. Redirect user to target user's profile page

Case : Music Rating

Action	System Response
1. Navigate to a song you want to see the rating for.	2. Query Spotify Api and gather information 3. Display Song rating

Case : Movie Rating

Action	System Response
1. Navigate to a song you want to see the rating for.	2. Query IMDB Api and gather information 3. Display Movie rating

Case : Rating Media

Action	System Response
1. Navigate to a media you want to rate. 2. Click the rate button and leave a rating.	3. Update the database rating average for that media 4. Set boolean value that user rated it.

Case : Reviewing Media

Action	System Response
1. Navigate to a media you want to rate 2. Click the write a review button and type a review	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	System Response
1. Search for some media	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