Project 1: Media Tracker

**User Interface 5167**

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1. **Describe the project:** This webpage allows users to track what they are reading, watching, and listening to. It allows them to set daily goals and keep track of their progress.

2. **Present your design work-**

   I interviewed two people: someone who already tracks their media consumption and someone who does not but is interested in doing so.

   Some of the questions I asked are below:

   a. Do you currently track your media consumption? If so, how and why?
   b. If you could design your ideal media tracker, what features would it have?
   c. Would you want to track progress (pages read, time spent) or just completion?
   d. Do you write reviews or notes about media you've completed? Why or why not?
   e. What kind of review features would be useful (ex: star ratings, tags, summaries, quotes)?

   There were some key points that I gathered from the interviews. The person who is tracking their media pointed out that the app they are currently using was initially confusing and daunting. They expressed the need for a simpler interface that is easier to use. The person who is interested in tracking their media also noted the need for simple designs as well as a motivator. So, when sketching my UI I tried to keep these points in mind. I had several ideas for the layout of the site. My sketches are below.
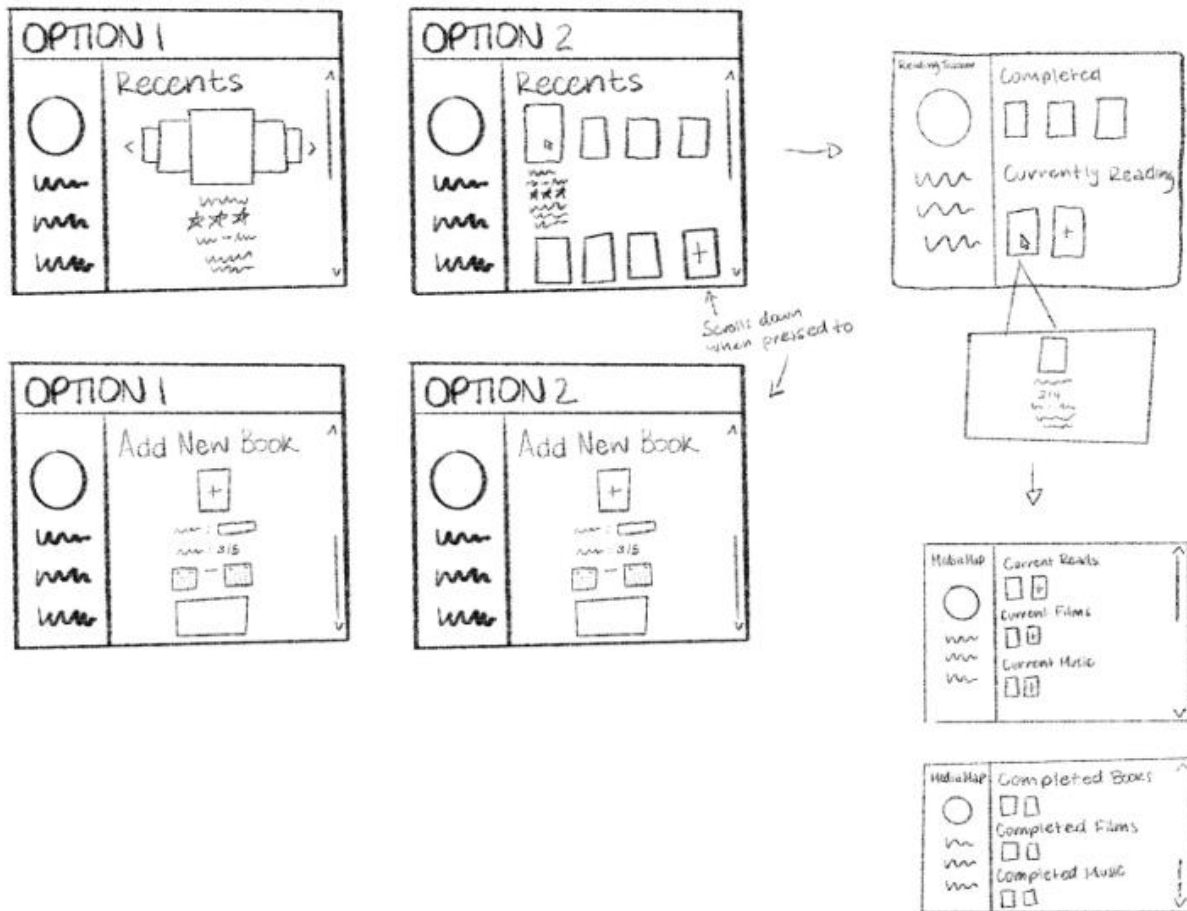
With option 1, I thought the carousel idea was nice visually, but felt that it may be annoying for users who have a lot of entries. With option 2, I liked the grid format but thought it could use some separation based on the type of media (books, music, shows/movies). These sketches helped finalize my design, which is similar to the bottom right sketches. The final site is not responsive to changing screen sizes and should be viewed in full screen.

3. **Describe your interface in detail:**

The three screenshots below show what the website looks like when you first get to the site:

Media Tracker

Welcome back, Jane!

September 24, 2025

10 days beginning, 3 days active

Goal Progress

This is a prototype application. Changes made will not be saved after you refresh or leave the page.

Today's Goals

☐ I have read 10 pages. ☐ I have listened to a new song. **Submit**

Add a new goal... **Add Goal**

Current Books

Add New Book

- **Tomorrow Tomorrow and Tomorrow**

  Author: Gabrielle Zevin

  Pages: 254

Media Tracker

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Goal Progress

This is a prototype application. Changes made will not be saved after you refresh or leave the page.

Current Music

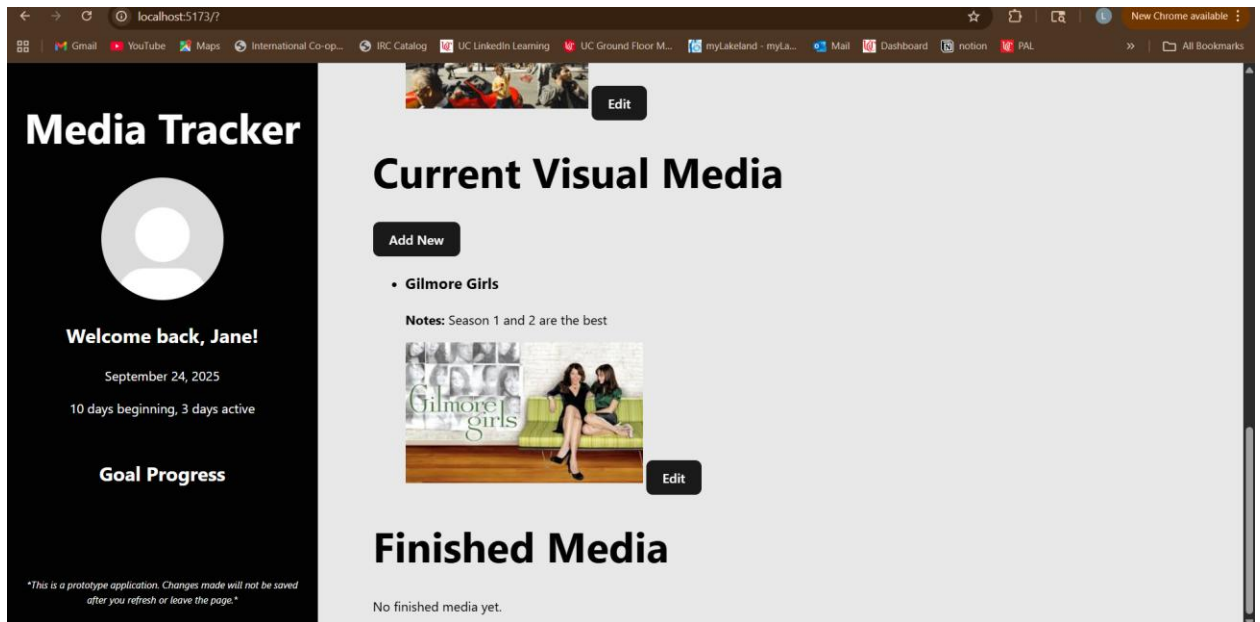**Add New Music**

- **The Crux Deluxe**

  Artist: djo

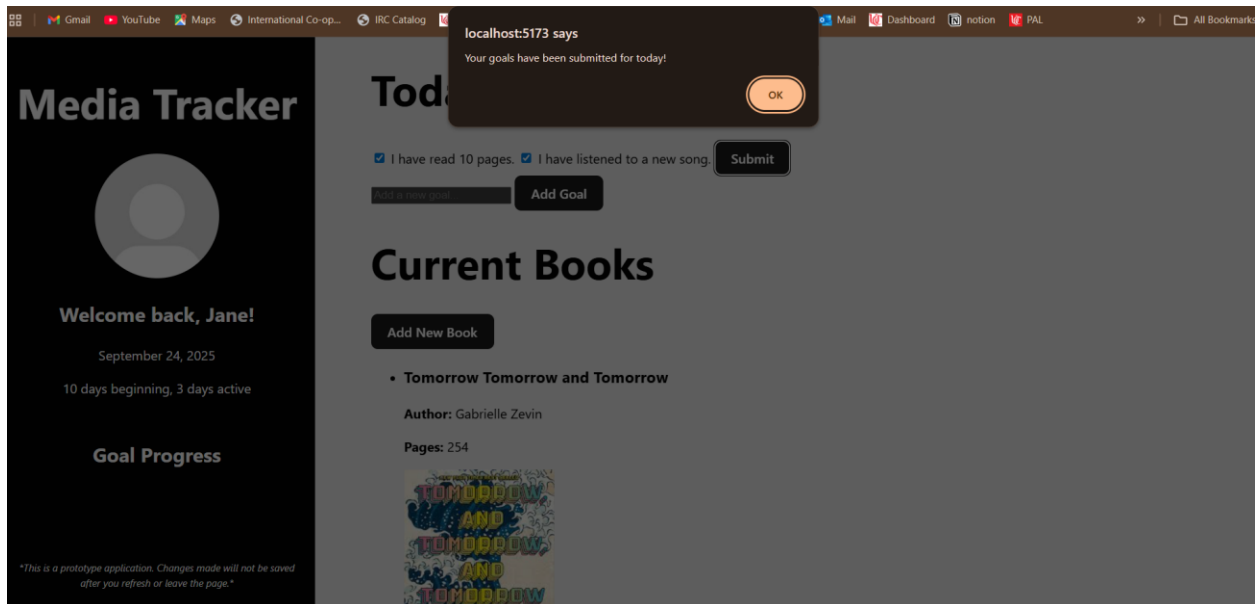 **Favorite Songs:** Away, Golden Egg
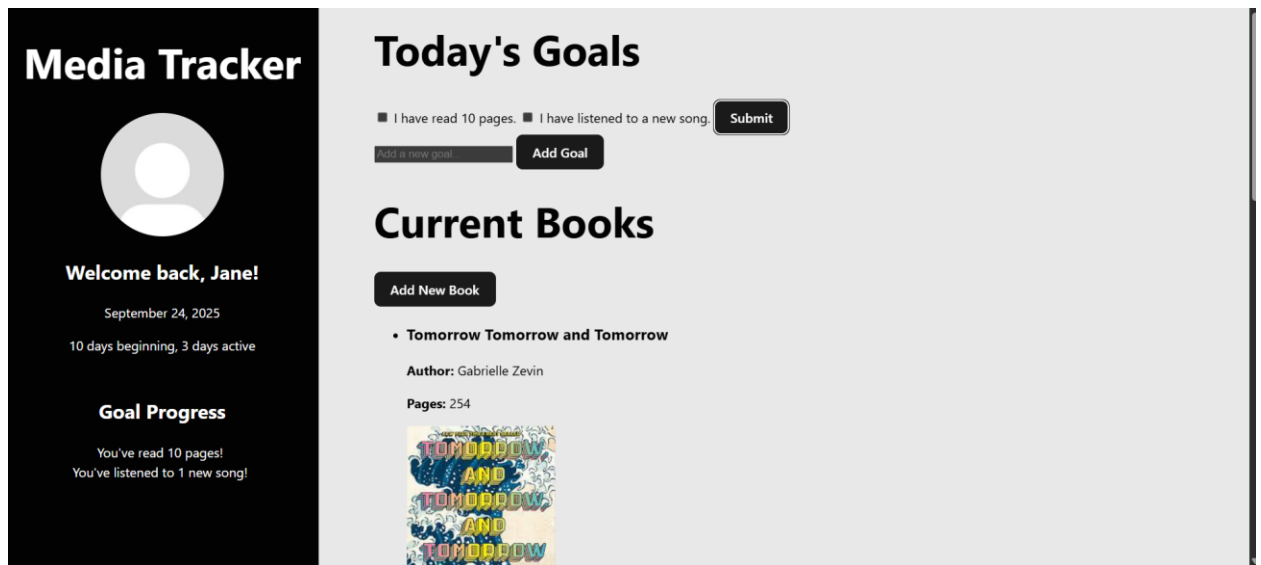
  Edit

Current Visual Media

Add New

Only the right side of the screen is modifiable by the user. The user can choose to submit daily goals. When the user selects the completed goals and presses submit, they will be alerted.
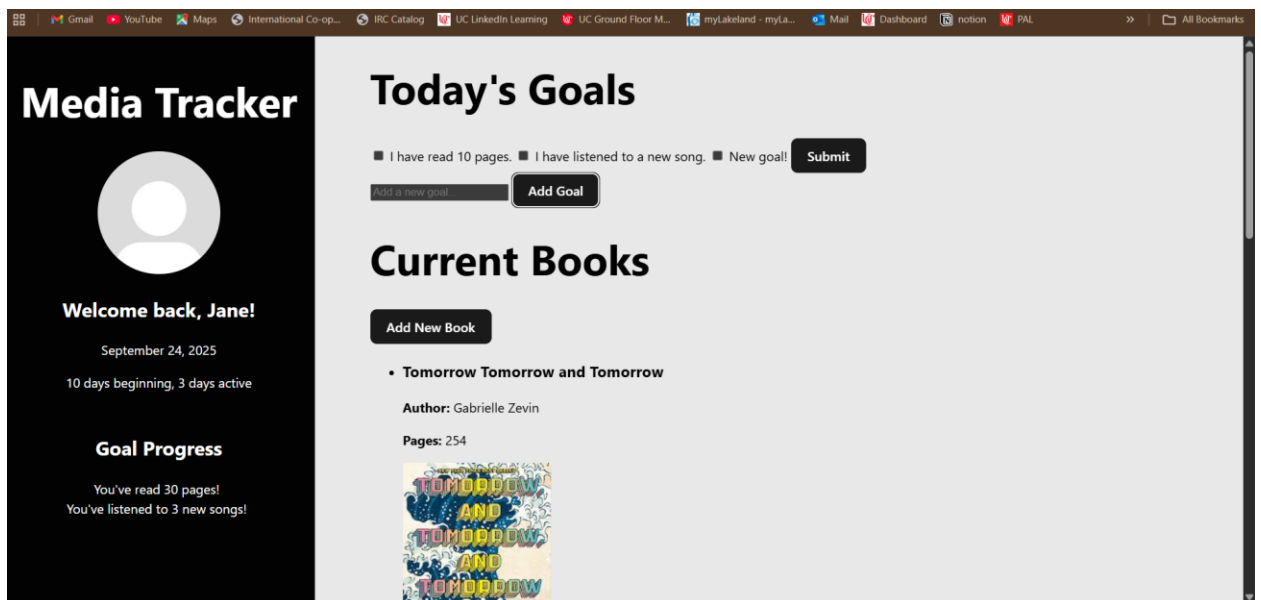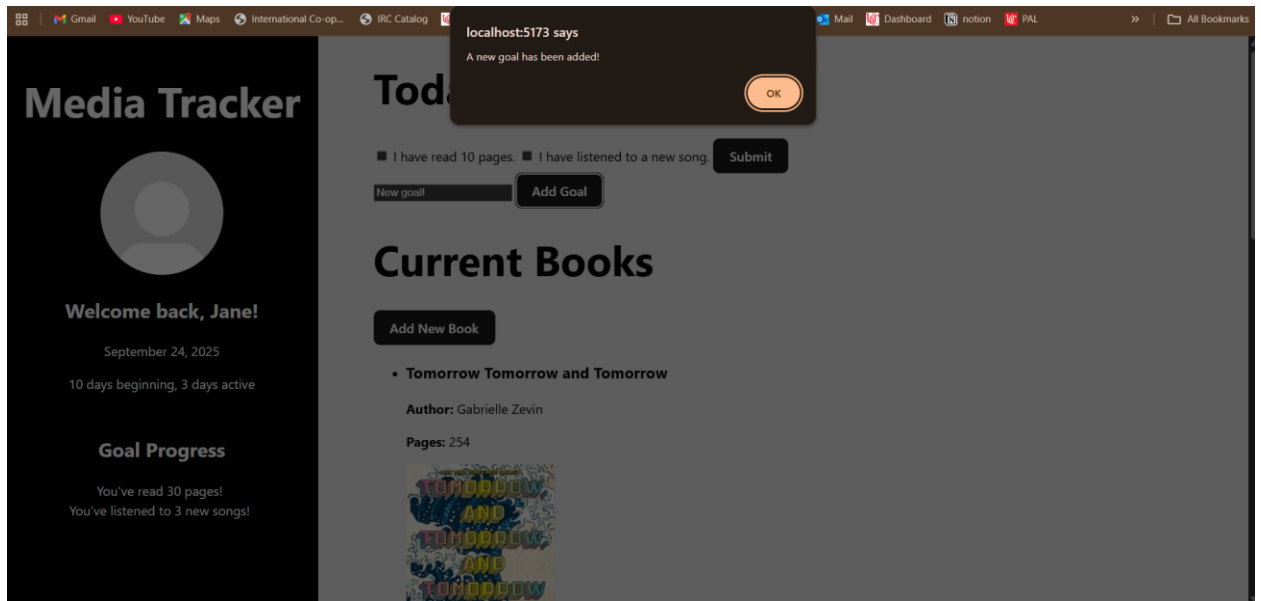

After the user presses OK, they will see that on the left-hand side under "Goal Progress", their progress is being tracked.

If they choose to submit their goals again, their progress will continue to be tracked.
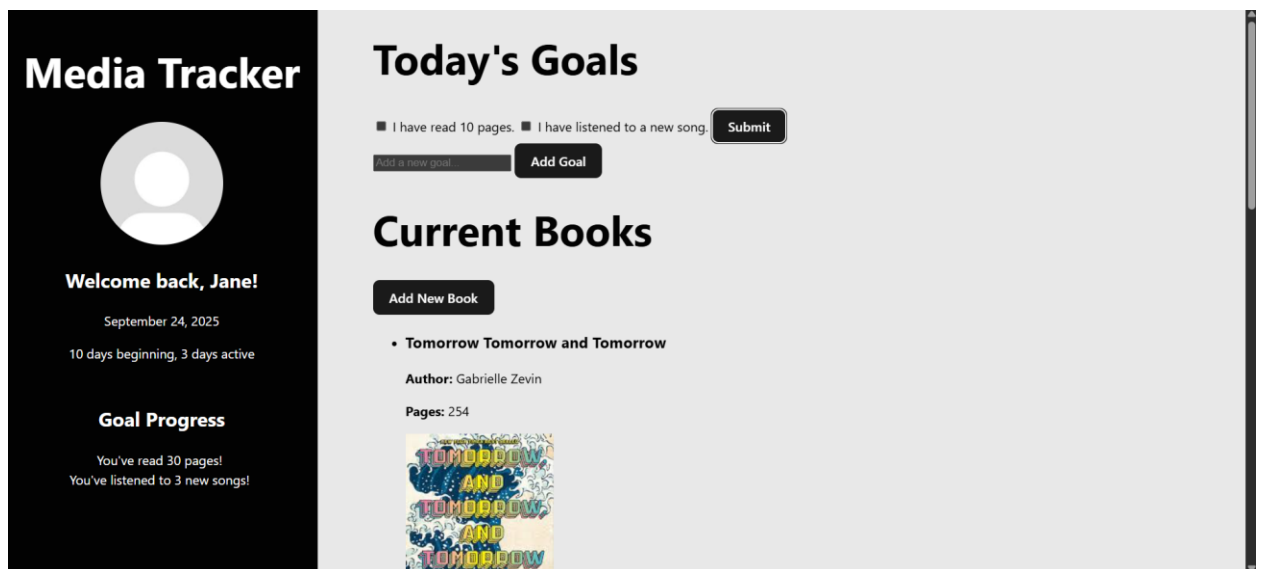
The user can also choose to add their own goals, however, these will not be tracked under "Goal Progress".

Within the "Current Books" section, users can choose to edit or add a new book. If they click on "Add New Book" or "Edit", they can enter a picture of the cover, the title, author, current page, review, rating, and whether they have finished the book.

After saving the book, under "Current Books," it will show the title, author, and page number.

The review and rating will not show unless the user checks that they have finished the book. In which case the book will be moved to the "Finished Media" category down at the bottom. Here it will show their rating and review.

Media Tracker

Welcome back, Jane!

September 24, 2025

10 days beginning, 3 days active

Goal Progress

You've read 30 pages!
You've listened to 3 new songs!

Finished Media

- **Reaping**

  Author: Colins

  Pages: 25

  Rating: 4 / 5

  Review: Great!
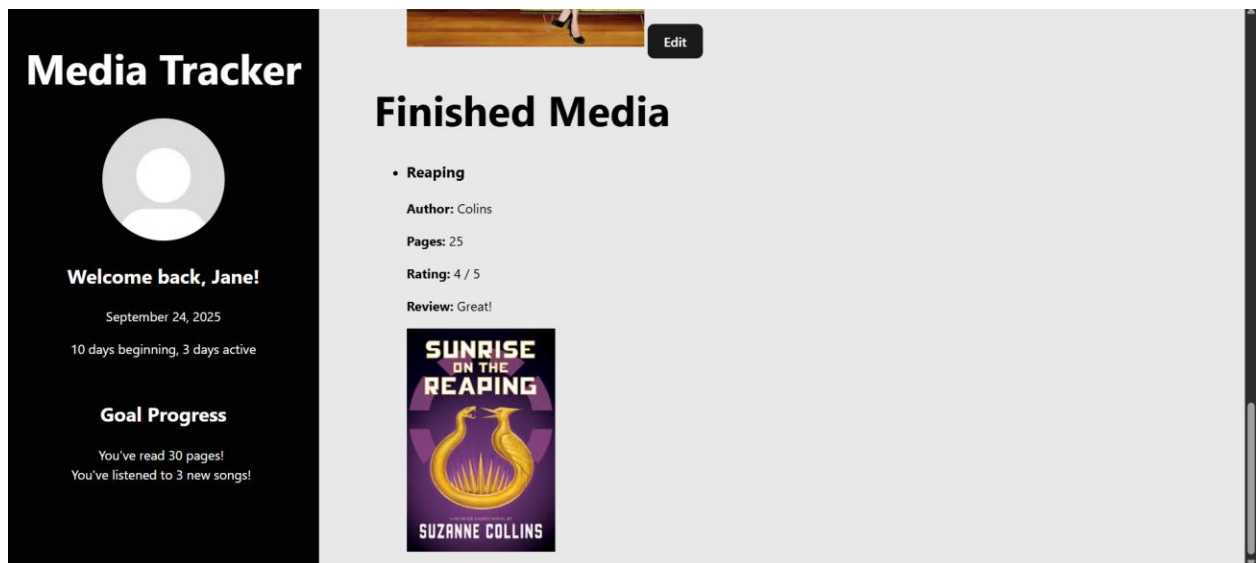
Under the "Current Music" section, if the user chooses "Add new music" or "Edit", they can add a picture of the album, the title, the artists, their favorite songs, a rating, a review, and if they completed it or not.

Media Tracker

Welcome back, Jane!

September 24, 2025

10 days beginning, 3 days active

Goal Progress

You've read 30 pages!
You've listened to 3 new songs!

Current Music

Cancel

Album Image: Choose File No file chosen   Title: Artist(s):   Favorite Songs:

Your thoughts...

Rating: Review: ■ Mark as Completed   Save Album

- **The Crux Deluxe**

  Artist: djo

  Favorite Songs: Away, Golden Egg
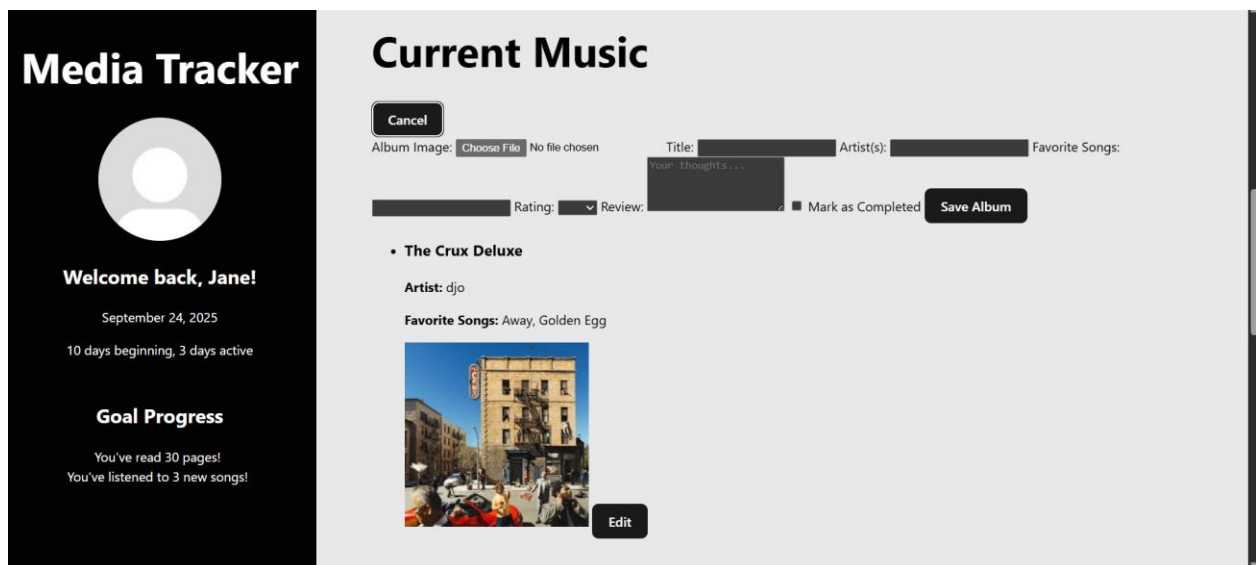
  Edit

Similarly, if they select that they have finished it, their entry will move to the "Finished Media" section.
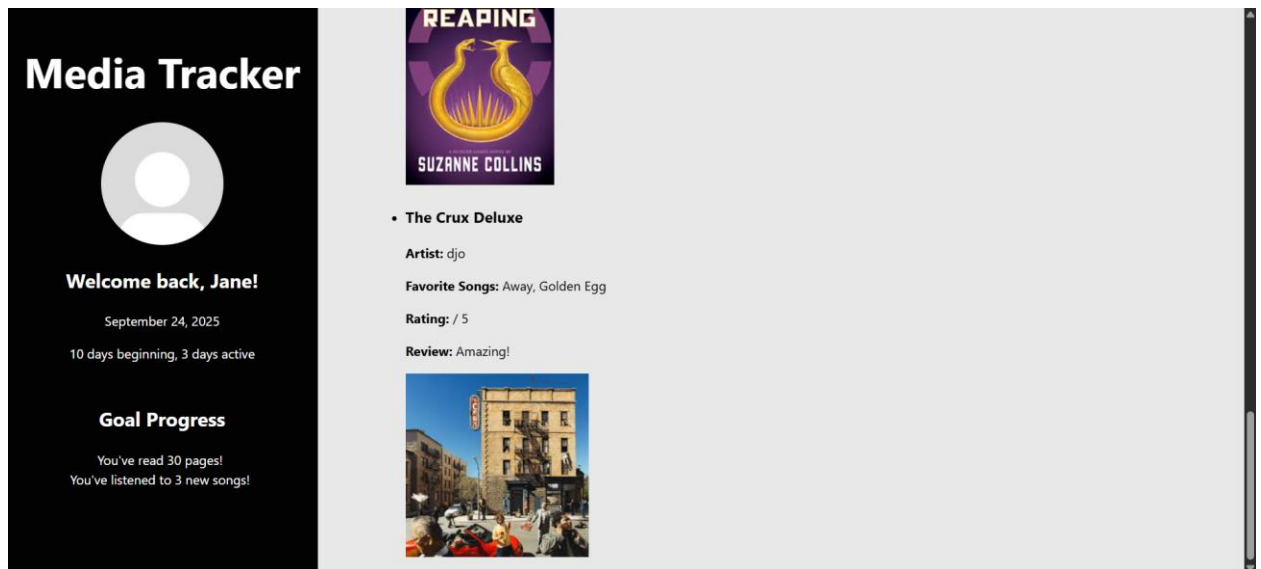
Finally, in the "Current Visual Media" section, if the user selects "Add New" or "Edit", they can enter a photo of their show or movie, a title, notes, genres, a rating, a review, and mark as completed.
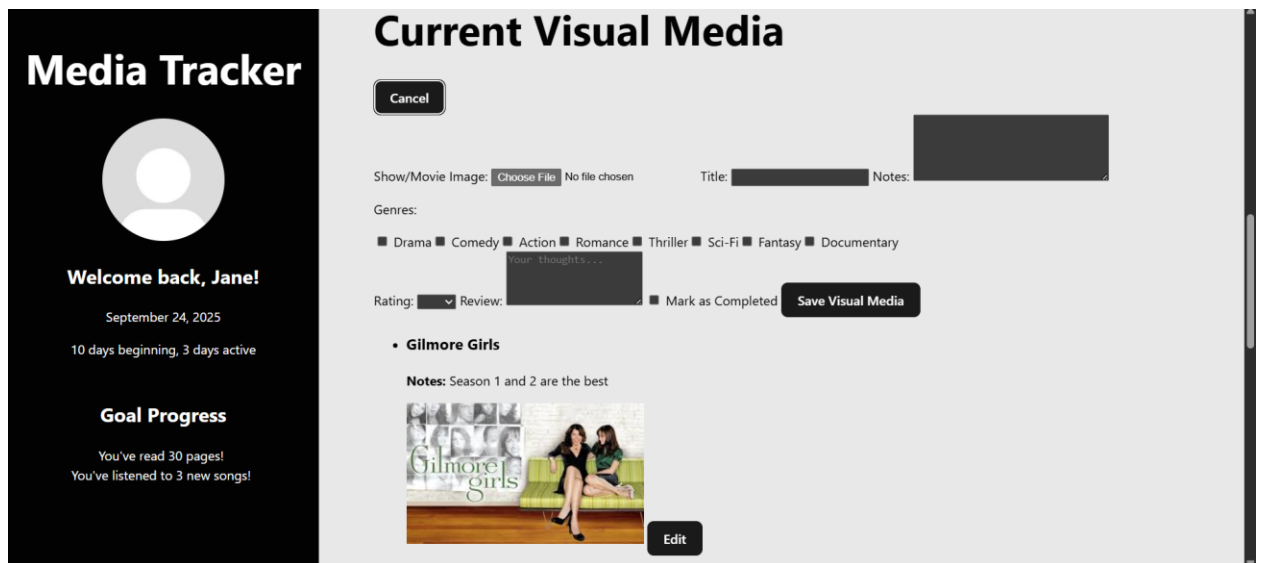
This section is currently experiencing difficulties and disappears when the user tries to move it to "Finished Media".

4. **Explain how you implemented this application (libraries, code structure....)**

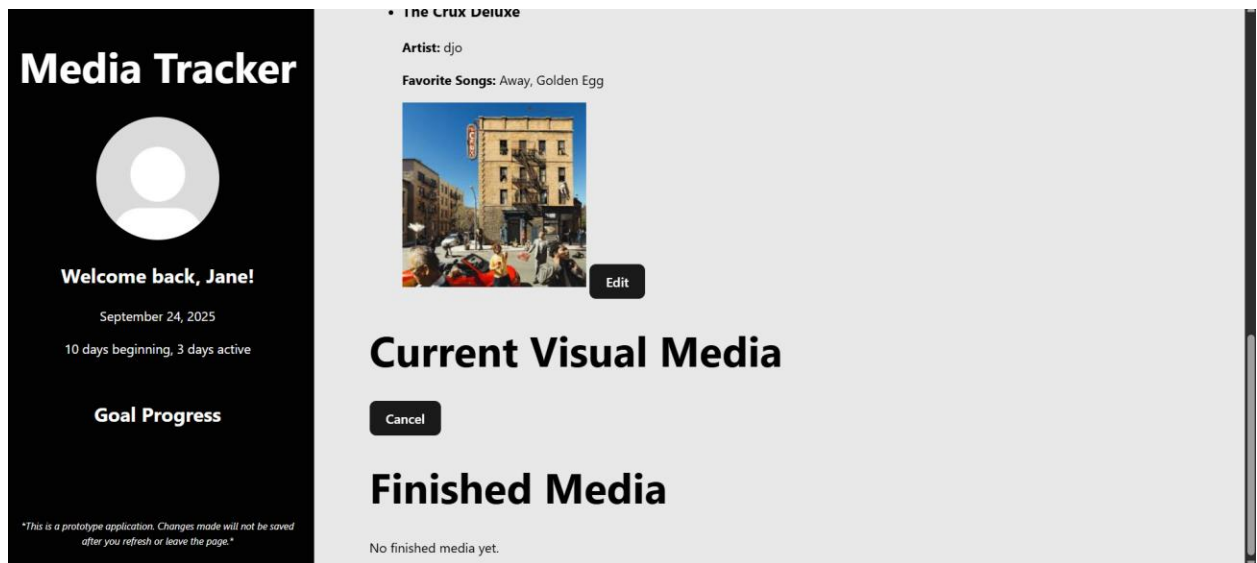   I didn't add any external libraries to the project, and everything was built using the default Svelte and Vite setup, only adding in JPG files of images. In terms of code structure, I kept the JavaScript and HTML together in the App.svelte file, while placing all the CSS in a separate app.css file. Although HTML and JavaScript are used in the same file, I made sure to keep the logic and markup visually distinct to maintain clean and readable code. Since users can add, edit, and delete different media entries, I relied heavily on arrays and functions to manage and update the data. To meet the activity count requirement for the project, I included multiple input types, including checkboxes, dropdowns, and textboxes. I also implemented an alert to notify users when a goal is submitted or created. For the overall design, I aimed to keep the interface simple, allowing users to quickly enter and manage their media information without distraction.

5. **Optional- Use of AI- If you used AI, describe how. Did you identify strengths/limitations of using AI for your application.**

   I used AI to assist with parts of this project. One issue I encountered was with implementing a scroll feature. I provided AI with my current code and explained what I was trying to achieve. While the response didn't fully solve the problem, it gave me useful ideas and alternative approaches that helped me move closer to a solution. Overall, I found AI to be helpful for general tasks, especially when duplicating code for different cases or avoiding small mistakes. However, when it came to more complex issues like layout behavior, scroll logic, or the issue with visual media, the AI's suggestions weren't as helpful.

6. **Future work- No project is ever fully done. What would you do next?**

   Some features that I would like to add in the future include:

- Fix pictures – Currently, there appears to be an issue with the way the pictures are showing up on the deployed site, so this is something I would like to fix soon.
- Completing visual media – there is currently an issue when you try to mark the entry as complete, it disappears instead of moving to "Finished Media". This is probably a minor issue that could be fixed pretty quickly.
- My List – I would like to add a My List feature that allows users to input what they would like to read, watch, or listen to next.
- Update the layout – The webpage is separated into sections (current books, current music, etc.), and right now, every time the user adds in more media it grows vertically instead of left to right. In the future, I think that it could be beneficial to add a horizontal scroll or a grid layout to each section.
- Editing/input feature – while I was able to implement the editing feature, when a user has to input their information, they may find the styling to be a bit off. This is something that I will have to fix in the future
- Add in more customization features, like the ability to change the profile picture

7. **Video demo:** https://youtu.be/NE_xCZSGTF4

8. **GitHub link:** https://github.com/21laraines/Media-Tracker5/tree/main

9. **Link to site: trackmymedia.netlify.app**