

GOAL:

Provide a nice looking website that would allow users to search anime using a variety of search types whether through a standard search, searching for shows of a certain season, or recommending a random show for them. I wanted to make it so the users could click on the show for a bit more information and a synopsis of the show which turned out to be a lot harder than I initially anticipated.

DESIGN PROCESS:

I wanted to first focus on the functionality of the page first. Personally, I was still shaky on how to implement an API specifically with how to obtain certain pieces of information. As a result, I had to research and test things out for quite a while in order to be able to actually obtain information for my website. After this, I was able to implement a simple search bar that was able to give me results for whatever I searched up. I was still fully unsure on how this specific API worked so I had to do a little more research in order to implement more complex search options such as seasonal anime, daily episodes, and random recommendations.

I then worked on the javascript portion along with some basic css in order to be able to display the relevant information to the users. This involved getting basic information on the shows such as their images, names, score, and a link to MAL for more information. For the CSS, I decided to use flexbox for displaying the results since it would provide the best layout for since i believed it would be the best layout for displaying the results. Displaying it using javascript was a bit tricky as I was still a little unsure on how it worked exactly but eventually I got it to display quite decently with appropriate space in between each show and the overall thing was quite responsive. I went for a nice taro purple color with white font in order for a nice calm overall color and good contrast allowing for good readability and visibility.

I would say that I spent the most time on my javascript. I spent quite a bit of time looking at the JIKAN API documentation in order to see exactly how to search up specific pieces of information such as getting data by year and month. Getting a random show was also quite the challenge especially in order to optimize it. At first, it was only giving really highly rated shows and it would give the same ones a lot of the time but now it is truly random. Adding in the feature of allowing the user to get more information on a show such as the synopsis by clicking on it's picture was also quite the challenge where I had to find multiple ways in order to be able to allow the user to go into another screen with the specified details of the show they clicked and a way back to their overall search. I also made a few adjustments after professor's feedback notably utilizing local storage to store the previously searched term, having a random show recommended on startup to make the page feel less empty, and having a standardized size for all the images.

GRADE:

Overall, I feel like I have met the requirements although admittedly there are a few issues with the overall website and code such as not being able to read things such as rating for anything besides results retrieved via the search bar search. There are also other minor issues with searches being stuck on searching for some reason, the 18+ filters not working, and the random series images all being different sizes. Perhaps the random algorithm could've been done better as well but overall, I would give myself around a 95% for this assignment.

SOURCES:

- Fonts:
 - <https://fonts.google.com/specimen/Rubik>
 - <https://fonts.google.com/specimen/Otomanopee+One>
- API:
 - <https://jikan.docs.apiary.io/>
- Images:
 - All images used are provided by <https://myanimelist.net/> using the <https://jikan.docs.apiary.io/> API

POTENTIAL IMPROVEMENTS:

- Add a filter system
 - Maybe allow users to search based on a year or genre
- More search options such as seeing the top ranked shows

ORIGINAL DESIGN SKETCH:



