# CS454 Proposal

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## Find My Anime

- Simple and easy to use anime searcher
- Over 17000 animes to choose from
- Advanced search feature to allow for better results
- Post search filtering which allows the user to prioritize a data type

### The data

- All of the data for our website was scraped from myanimelist.net
- I literally took all 17665 anime from the website except for the extra 1435 that was just hentai (porn)
- The data categories are as follows:
  Title, Rating, Link, Picture, Episode count, Airing Dates,
  Genres, Description and Producers

#### The data continued

- Each data category was picked for its relevance to user searching
- This data was saved in a csv file but will be converted into an index using whoosh for our backend
- This is a snippet of some of the data that is scraped.

1	Title	Rating Link	Picture	Episod Airing Dates	Genres	Description
2	1 Fullmetal Alchemist: Brotherhood	9.16 https://myanimelist.net/anime/5114/Fullmetal_AlchemistBrotherl	https://cdn.myanimelist.net/images/anime/1223/9	64 5-Apr-09 to 4-Jul-10	Action, Adventure, Comedy, Drama, Fantasy, Military, Shounen	After a horrific alchem
3	2 Gintama°	9.09 https://myanimelist.net/anime/28977/Gintama°	https://cdn.myanimelist.net/images/anime/3/7207	51 8-Apr-15 to 30-Mar-16	Action, Comedy, Sci-Fi, Historical, Parody, Samurai, Shounen	Gintoki, Shinpachi, an
4	3 Shingeki no Kyojin Season 3 Part 2	9.09 https://myanimelist.net/anime/38524/Shingeki_no_Kyojin_Season_3	https://cdn.myanimelist.net/images/anime/1517/1	10 29-Apr-19 to 1-Jul-19	Action, Drama, Fantasy, Mystery, Military, Super Power, Shounen	Seeking to restore hur
5	4 Steins;Gate	9.09 https://myanimelist.net/anime/9253/Steins_Gate	https://cdn.myanimelist.net/images/anime/5/7319	24 6-Apr-11 to 14-Sep-11	Drama, Sci-Fi, Suspense, Psychological	The self-proclaimed n
6	5 Fruits Basket: The Final	9.07 https://myanimelist.net/anime/42938/Fruits_BasketThe_Final	https://cdn.myanimelist.net/images/anime/1085/1	13 6-Apr-21 to 29-Jun-21	Comedy, Drama, Romance, Slice of Life, Supernatural, Shoujo	Hundreds of years ago
7	6 Gintama'	9.06 https://myanimelist.net/anime/9969/Gintama	https://cdn.myanimelist.net/images/anime/4/5036	51 4-Apr-11 to 26-Mar-12	Action, Comedy, Sci-Fi, Historical, Parody, Samurai, Shounen	After a one-year hiatu
8	7 Hunter x Hunter (2011)	9.06 https://myanimelist.net/anime/11061/Hunter_x_Hunter_2011	https://cdn.myanimelist.net/images/anime/11/336	148 2-Oct-11 to 24-Sep-14	Action, Adventure, Fantasy, Super Power, Shounen	Hunter x Hunter is set
9	8 Ginga Eiyuu Densetsu	9.05 https://myanimelist.net/anime/820/Ginga_Eiyuu_Densetsu	https://cdn.myanimelist.net/images/anime/13/132	110 8-Jan-88 to 17-Mar-97	Drama, Sci-Fi, Military, Space	The 150-year-long stal
10	9 Gintama': Enchousen	9.03 https://myanimelist.net/anime/15417/Gintama_Enchousen	https://cdn.myanimelist.net/images/anime/6/7517	13 4-Oct-12 to 28-Mar-13	Action, Comedy, Sci-Fi, Historical, Parody, Samurai, Shounen	While Gintoki Sakata
11	10 Gintama: The Final	9 https://myanimelist.net/anime/39486/GintamaThe_Final	https://cdn.myanimelist.net/images/anime/1245/1	1 8-Jan-	21 Action, Comedy, Drama, Sci-Fi, Historical, Parody, Samurai, Shounen	New Gintama movie.

## Webpage style

- We are keeping a similar style to myanimelist with slight changes
- They keep a simple setup and then include all the data on an individual web page for that anime
- They include more than the top 10 per page, but we will be showing only 10 results per page
- Not sure if we will include all data on the same page or do what

myanimelist does.

Any advice?

[1] 2 3 4		
Type \$	Start Date \$	
TV	10-11-21	
ONA	10-11-21	
ONA	10-12-21	
	TV	

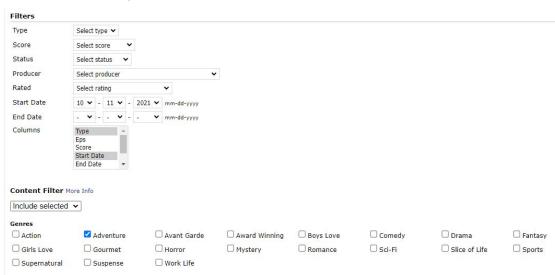
#### Advanced search

Myanimelist has an excellent advanced search feature.

Ours will look extremely similar except for the data that we don't have

such as status and type.

Users will use search bar for description based queries and advanced search for specific kinds of animes



## Data filtering

- Similar to advanced search
- Will allow user to prioritize the kind of data they want to see first
- As shown below a user can click on Start Date and the data will be filtered to show the newest anime first, and if clicked again it will show the oldest first
- Given that we have rating and episode count as well, those will also be included in filtering data
- Data can be ordered newest to oldest or oldest to newest interchangeably on all three filterable data types

# Data filtering

#### Anime search

5	Search Anime		Q.		
	⊞ Advanced Se				
enres					
Action (4,048)	Adventure (3,117)	> Avant Garde (548)	> Award Winning (3)	> Boys Love (146)	
Comedy (6,335)	> Drama (2,706)	> Fantasy (3,520)	Girls Love (115)	> Gourmet (101)	
Horror (476)	Mystery (756)	Romance (1,971)	> Sci-Fi (2,675)	> Slice of Life (2,039)	