1. Describe what data is stored in the database. (Where is the data from, and what attributes and information would be stored?)

https://developer.imdb.com/non-commercial-datasets/

title.ratings.tsv.gz

title.basics.tsv.gz

https://www.kaggle.com/datasets/rsrishav/youtube-trending-video-dataset?select=IN_youtube_trending_data.csv

2. What are the basic functions of your web application? (What can users of this website do? Which simple and complex features are there?)
    - Allow users to pick media based off of certain criteria such as region or genre and see the related trending videos there are on YouTube.
3. What would be a good creative component (function) that can improve the functionality of your application? (What is something cool that you want to include? How are you planning to achieve it?)

    Allow users to view trending videos in specific regions associated with movies.

    Another thing that could possibly be implemented is a timeline of the trending videos that appeared for a certain movie. For example, a movie could have videos that were trending from a certain time frame, dwindle down, and then resurface later.

4. Project Title
    - Buzzworthy Cinema Guide
5. Project Summary: It should be a 1-2 paragraph description of what your project is.

    Our project consists of a large iMDb database and a YouTube database. Users will be able to look at a certain movie within the database, and with that movie there will be related videos on YouTube that are also trending.

6. **Description** of an application of your choice. State as clearly as possible what you want to do. What problem do you want to solve, etc.?

    We would like to give users a platform to view trending videos associated with movies. This will give the user an idea of when movies are trending and additionally the videos themselves can give the user an idea of the aspects of the movies that people are most excited about.

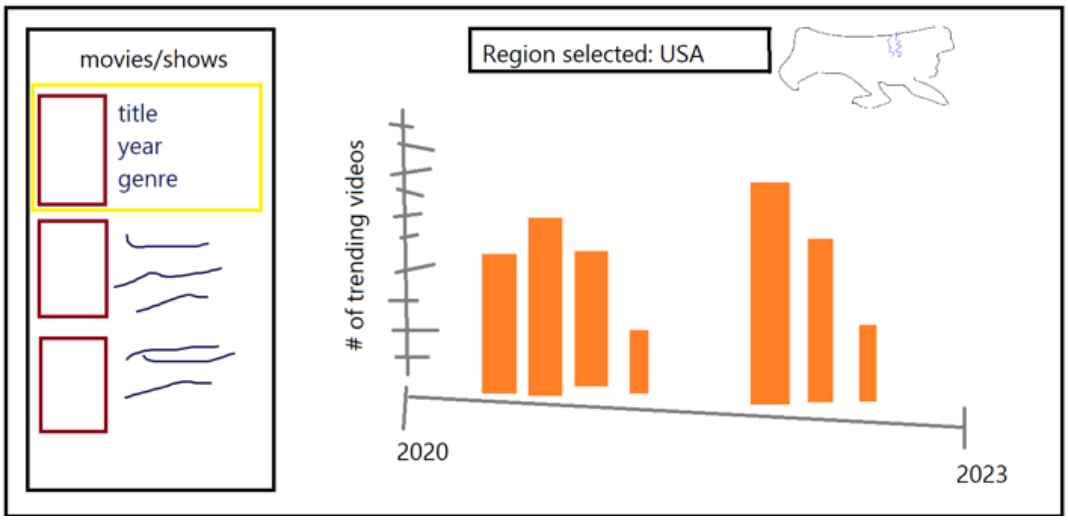
7. **Usefulness**. Explain as clearly as possible why your chosen application is useful. Make sure to answer the following questions: Are there any similar websites/applications out there? If so, what are they, and how is yours different?

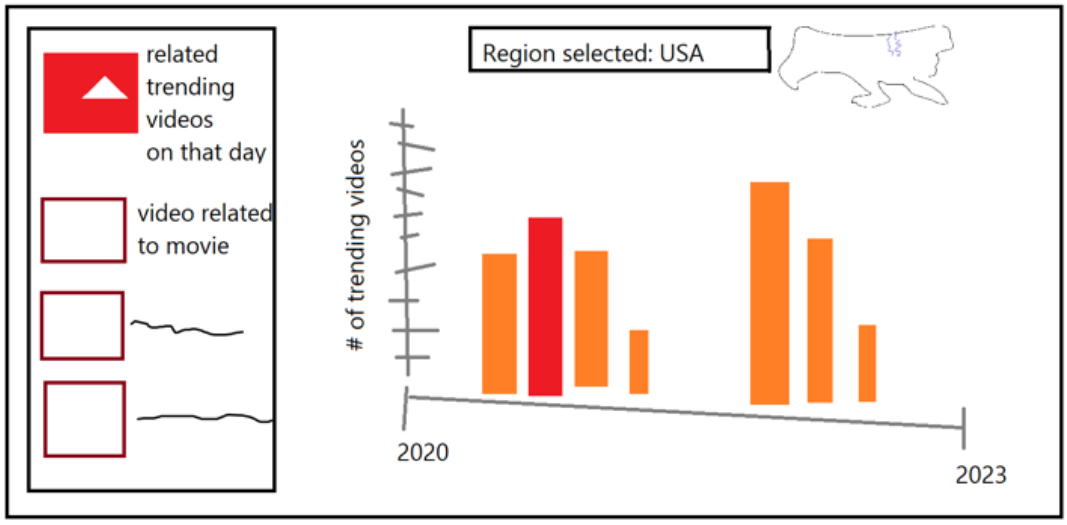
- Our application would allow a user to select a movie/ TV show and learn how many trending videos related to it existed within a chosen region during the duration it appeared in the titles and tags of trending videos. It would allow the user to be able to identify when these movies seemed to be most popular and draw conclusions based on the reception it seemed to receive on the internet.

8. **Realness**. Describe what your data is and where you will get it.
    - We are using 3 datasets to create this app:
        1. **Youtube Trending Data**: To get our information about trending youtube videos, we are using one of the TA-proposed data sets, sourced from kaggle. The data set contains the top 200 trending videos for 11 regions each day (sourced since August 2020). It contains various information about the video, its creator, the video's reception, tags, etc.
            1. 1 total dataset used to get this

        2. **IMDB Dataset**: To get our information about movies from different regions, we are using datasets sourced from IMDB. These datasets contain various information about movies, their region of release, ratings, etc.
            1. 2 total datasets used to get this

9. Description of the **functionality** that your website offers. This is where you talk about what the website delivers. Talk about how a user would interact with the application (i.e., things that one could create, delete, update, or search for). Read the requirements for stage 4 to see what other functionalities you want to provide to the users. You should include:
    - The users would see a homepage with some of the most popular movies and TV shows for the region that they selected. They could then click on the media to show a timeline of when youtube videos related to the media were trending. For example,
    - **A low-fidelity UI mockup**: What do you imagine your final application's interface might look like? A PowerPoint slide or a pencil sketch on a piece of paper works!





- **Project work distribution**: Who would be responsible for each of the tasks or subtasks?
  List of the person responsible for which exact functionalities in section 6. Explain how backend systems will be distributed across members. Be as specific as possible as this could be part of the final peer evaluation metrics.

  Nathan will work on the interface that lets you choose from movies.

  Alex will do the interface to show relevant videos.

  Aseem will make graph visualization that renders relevant movies.

  Alejandro be in charge of connecting interfaces to databases to show results.

- [x] ~~Updates in **TeamInfo.md** for teamName~~
- [x] ~~Updates in **TeamInfo.md** for project summary~~
- [x] ~~Creation of the project proposal placed in the **doc** folder.~~
- [x] ~~The project proposal includes the title and project summary~~
- [x] ~~The project proposal includes a detailed description of your application~~
- [x] ~~The project proposal includes a detailed usefulness description of your application:~~
- [x] ~~The project proposal includes a detailed realness description of your application~~
- [x] ~~The project proposal includes a detailed functionality description of your application (2%)~~
- [x] ~~The project proposal includes a detailed low-fidelity UI mockup of your application~~
- [x] ~~The project proposal includes a detailed project work distribution across the team~~
- [x] ~~Create a release with the correct tag for your submission and submit it on Canvas~~