

preview

User Documentation, COSC 412

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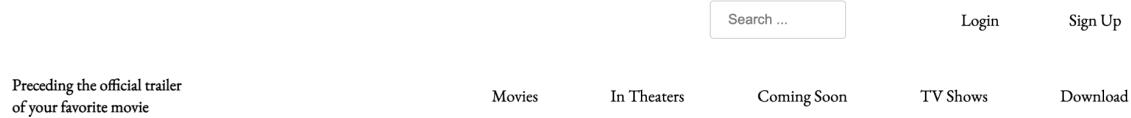
You do not need to download anything to start using our web app. All you need to do is use the link provided in our GitHub repository.

The screenshot shows a GitHub repository page for 'phuongng/preView'. The 'About' section on the right side of the page includes a URL link: 'phuongng.github.io/preview/'. This link is circled in red. The rest of the page displays a list of files and their commit history, along with sections for Releases, Packages, Contributors, and Environments.

Once you click on the link, it will take you to our web app where you are welcomed with a little movie you can exit out of with the x.

The screenshot shows a browser window displaying a video player. The video content is a 3D animated scene of a small town at night, with buildings and trees illuminated. In the top right corner of the video player, there is a red circle highlighting the close button (an 'x' symbol).

Here you will see our main page where you can scroll and see a list of Top Picks and Fan Favorites. You will also see links at the top. The ones that work are "Login", "Sign Up", "Movies", "In Theaters", "Coming Soon", "TV Shows", and "Download".



preView



Top picks

TV shows and movies just for you



Loki (2021)
TV Series · 2021 · TV-14

8.3/10



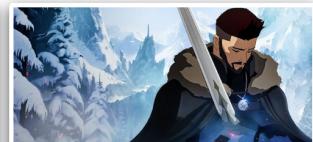
The Wheel of Time
TV Series · 2021 · TV-14 · 1h

7.5/10



Free Guy (2021)
2021 · PG-13 · 1h55m

7.2/10



Fan favorites

This week's top TV and movies



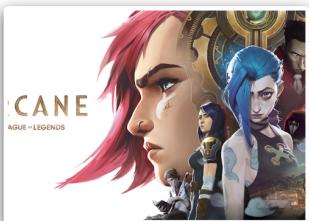
Spider-Man: No Way Home
2021 · PG-13 · 2h28m



The Witcher
TV Series · 2019 · TV-MA · 1h



No Time To Die
2021 · PG-13 · 2h43m



Arcane
TV Series · 2021 · TV-14 · 41m



Shang-Chi and the Legend of the Ten Rings
2021 · PG-13 · 2h12m

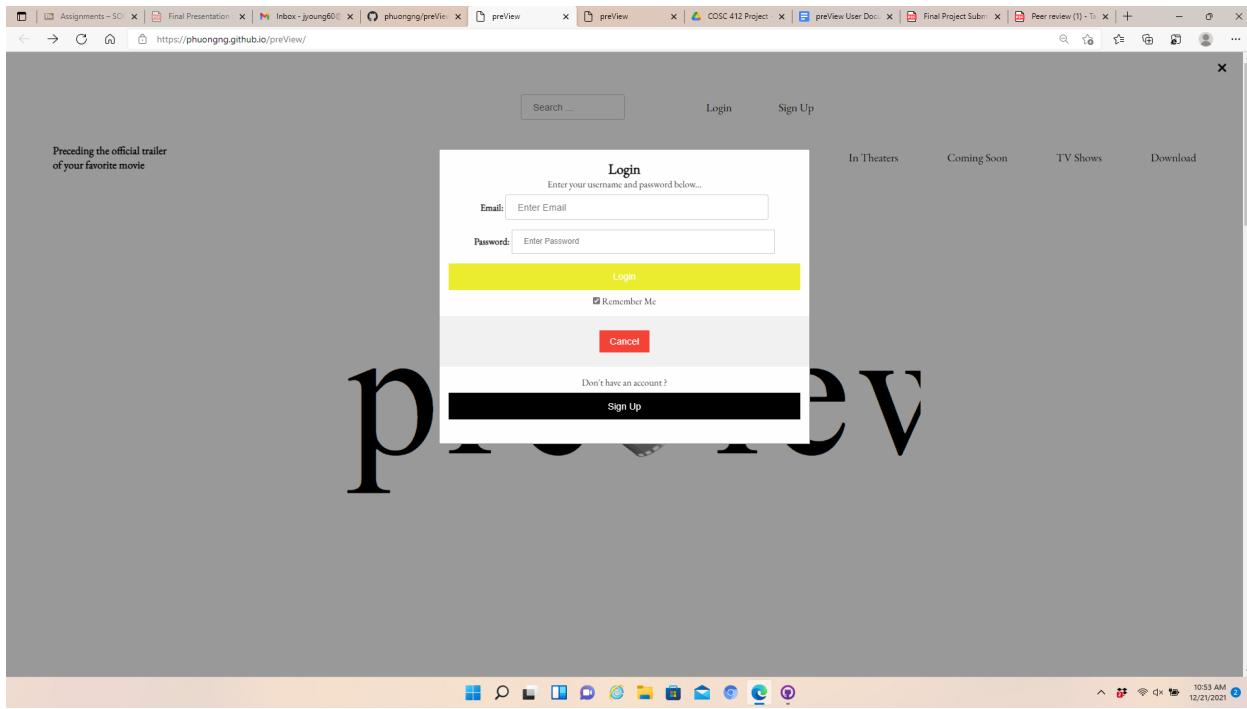


Dune
2021 · PG-13 · 2h35m

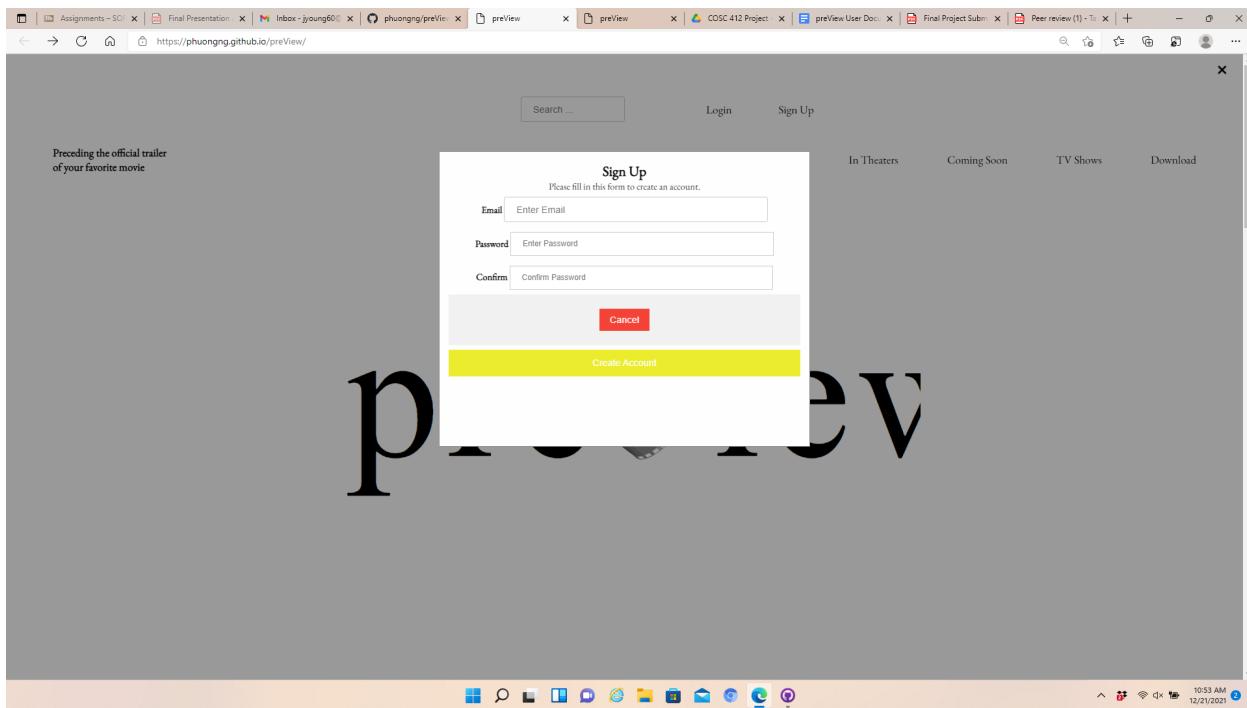
Make sure to also click the IMDb plugin symbol that comes with every work of film. It will lead you to the IMDb page for that film. Clicking on the image will take you to its respective trailer.

Login and Sign Up

The link goes to a Login form that takes email and password. It is not currently functional so you can hit the cancel button to get out of the form or go to the Sign Up form through the Sign Up button.



This is the Sign Up page and it takes an email and a password that you would need to retype if it was functional.



Movies

This is a list of popular movies. The IMDb buttons are links to each respective movie.

The screenshot shows a web browser window with multiple tabs open. The main content area displays a large banner for the movie 'The Godfather'. Below the banner is a grid of movie thumbnails with titles, release years, ratings, and IMDb links. The movies listed are: Rush Hour 2 (2001, PG-13, 1h 30m, 6.6), The Shawshank Redemption (1994, R, 2h 22m, 9.3), The Godfather (1972, R, 2h 55m, 9.2), The Dark Knight (2008, PG-13, 2h 32m, 9.0), and Schindler's List (1993, R, 3h 15m, 8.9). The browser taskbar at the bottom shows various icons and the date/time: 9:23 AM 12/21/2021.

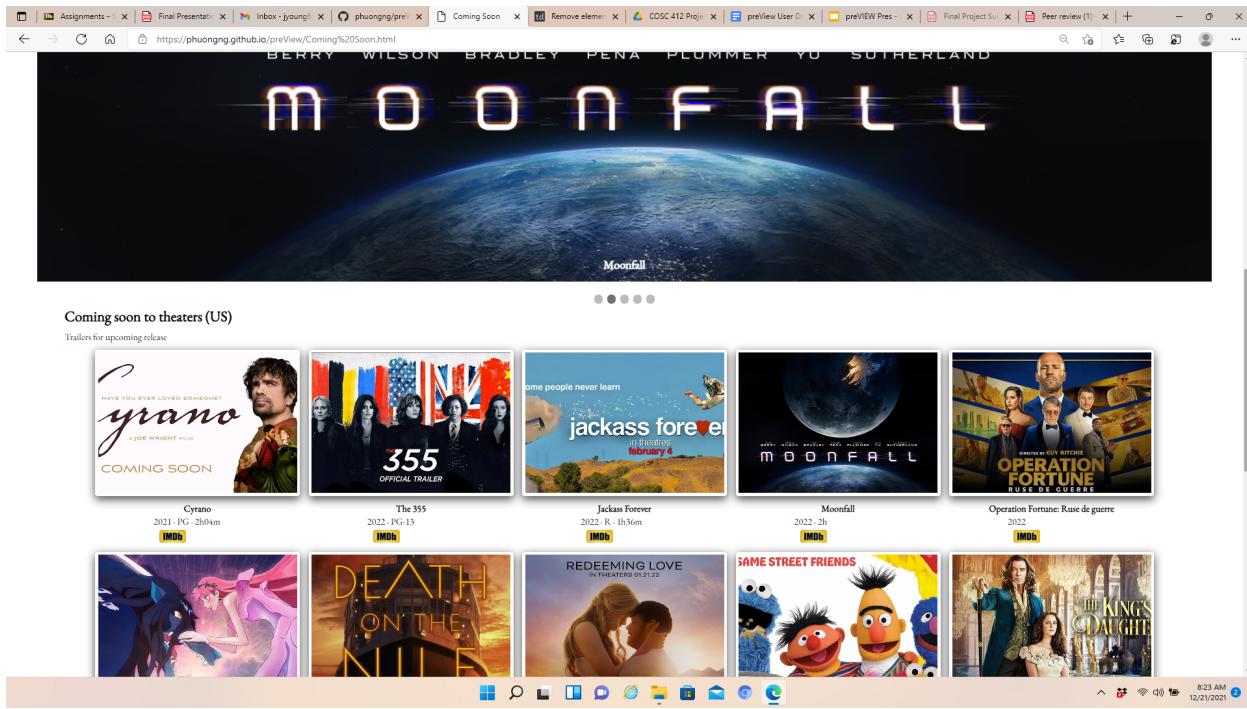
In Theaters

This is a list of popular in-theater movies. The IMDb buttons are links to each respective movie.

The screenshot shows a web browser window with multiple tabs open. The main content area displays a large banner for the movie 'Don't Look Up'. Below the banner is a grid of movie thumbnails with titles, release years, ratings, and IMDb links. The movies listed are: The Matrix Resurrections (2021, R, 2h28m, 7.0), Sing 2 (2021, PG, 1h52m, 6.8), The King's Man (2021, R, 2h11m, 7.0), A Journal for Jordan (2021, PG, 2h11m, 6.8), and American Underdog (2021, PG, 1h52m, 7.0). The browser taskbar at the bottom shows various icons and the date/time: 8:23 AM 12/21/2021.

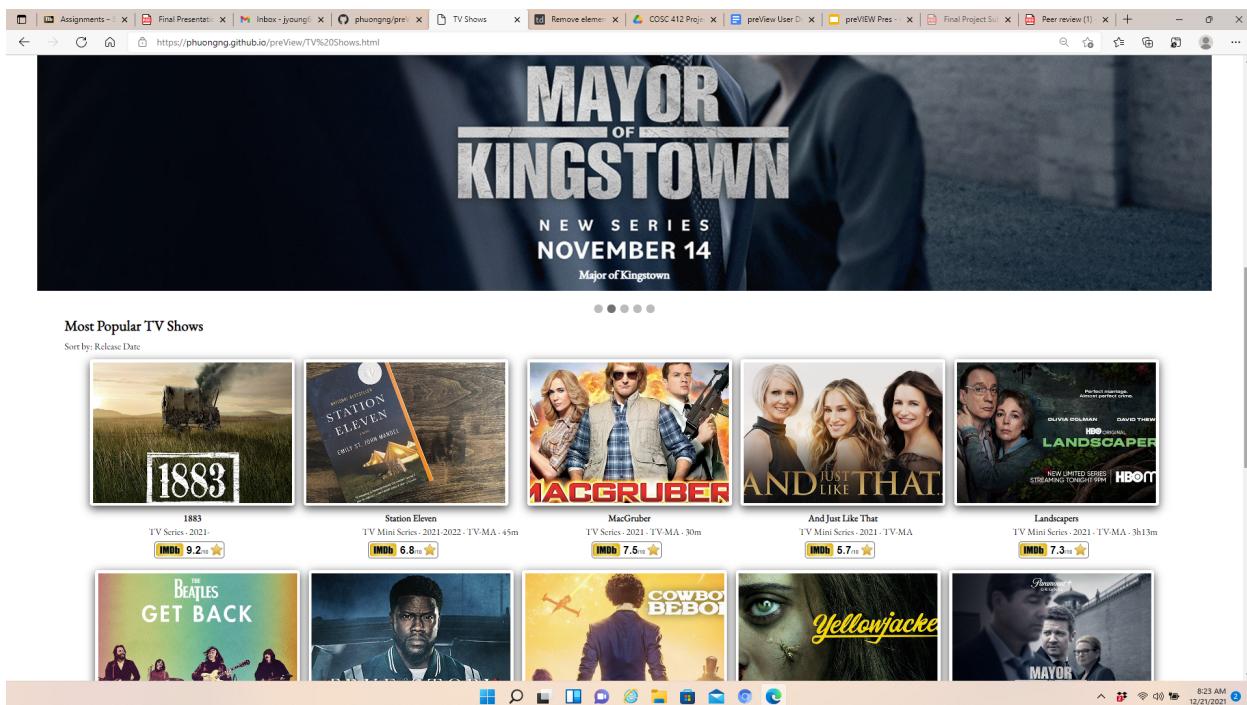
Coming Soon

This is a list of movies coming out soon. The IMDb buttons are links to each respective movie.



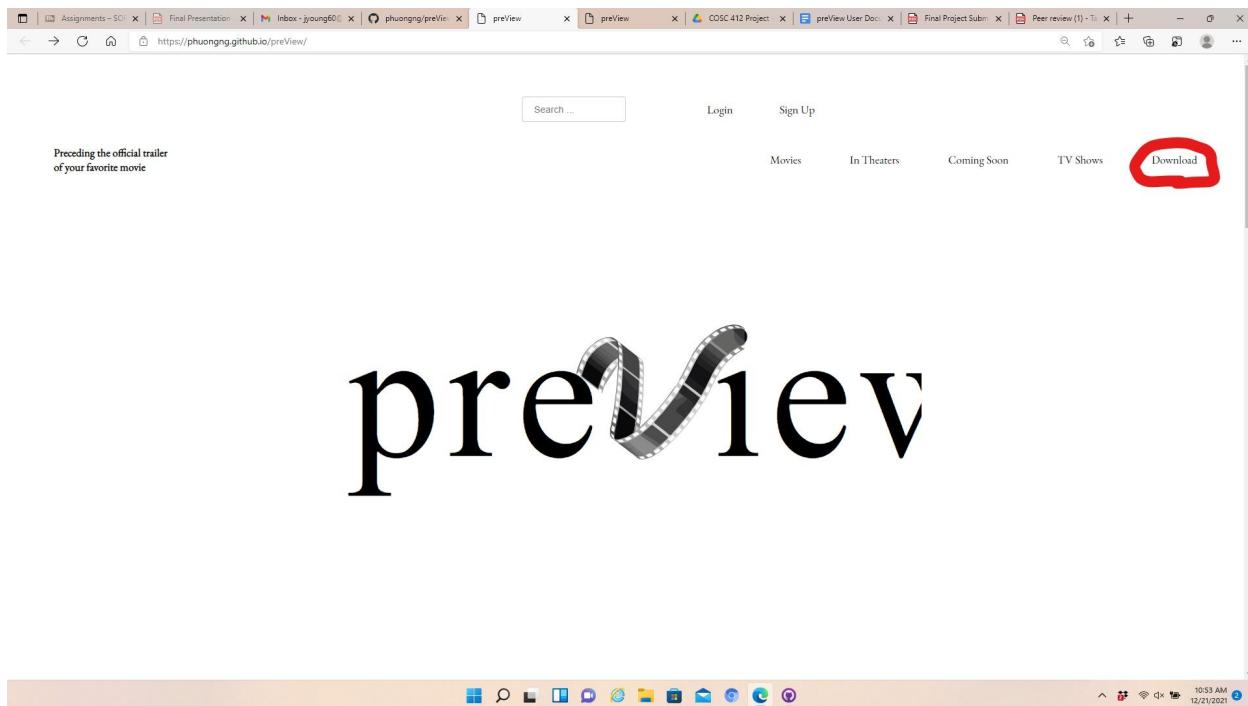
TV Shows

This is a list of popular TV shows. The IMDb buttons are links to each respective TV show.



How to Download our Algorithm:

The download link is located on the home screen link bar near the top of the page. Clicking this link will download a standalone executable jar file that is our prediction algorithm.

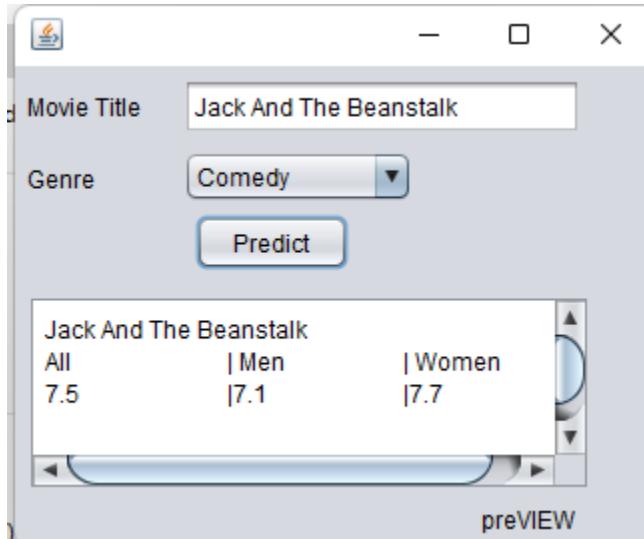


Jar files are java archive files and require java to be installed to run on a computer.

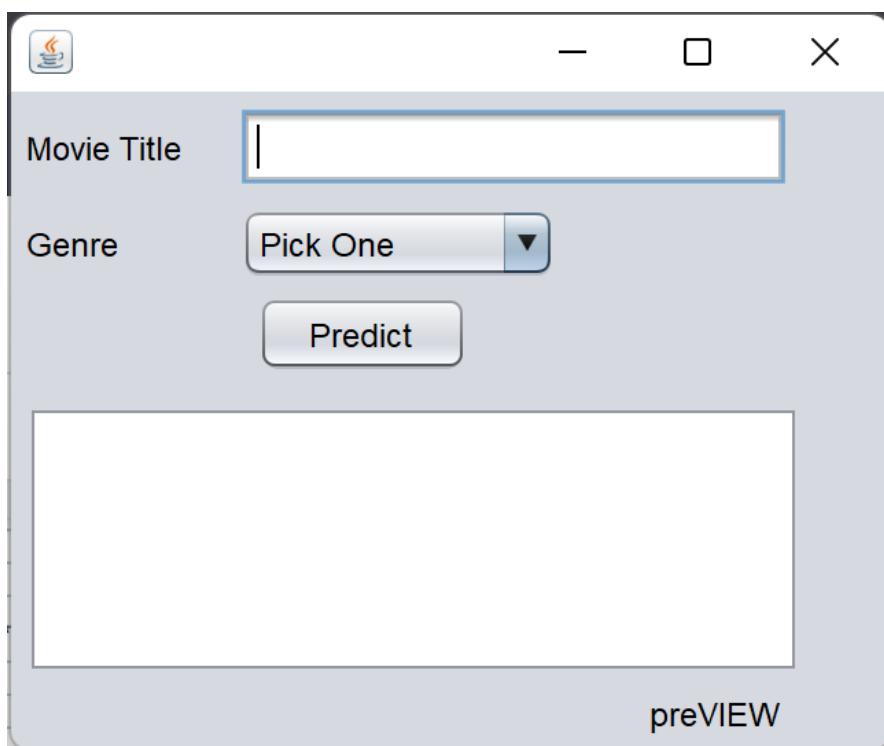
This link will let you install java 8 if you don't already have it installed:

<https://www.oracle.com/java/technologies/sdk-downloads.html>

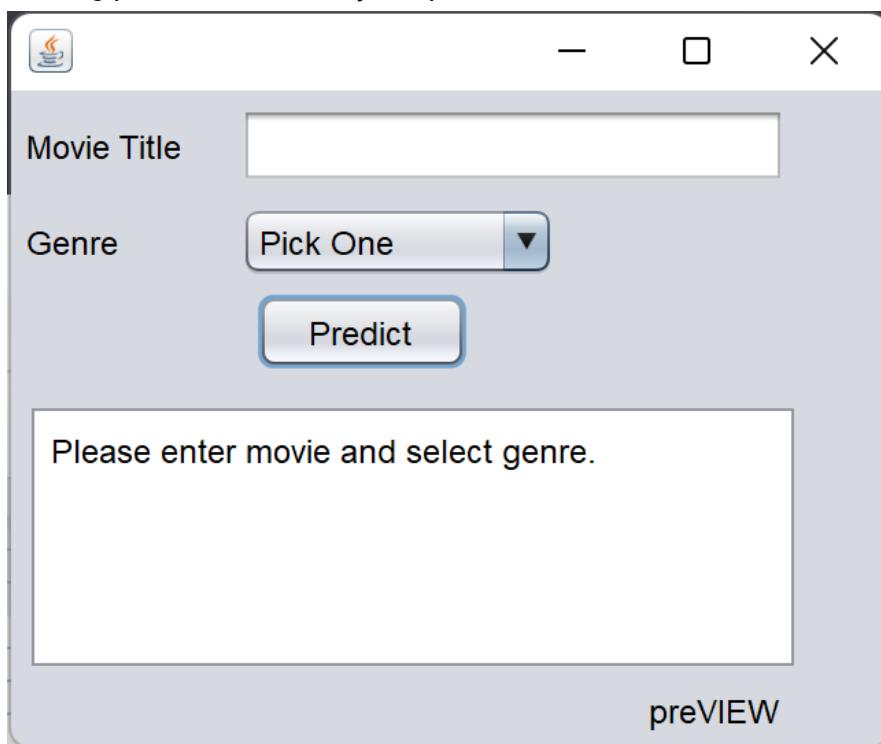
This jar file executes our algorithm which takes a Movie Title and a Genre from our drop down menu. Once you fill in the Movie Title and pick a Genre, click the Predict button to get a prediction of what ratings it might get for the general demographic (All), male demographic (Men), and the female demographic (Women).



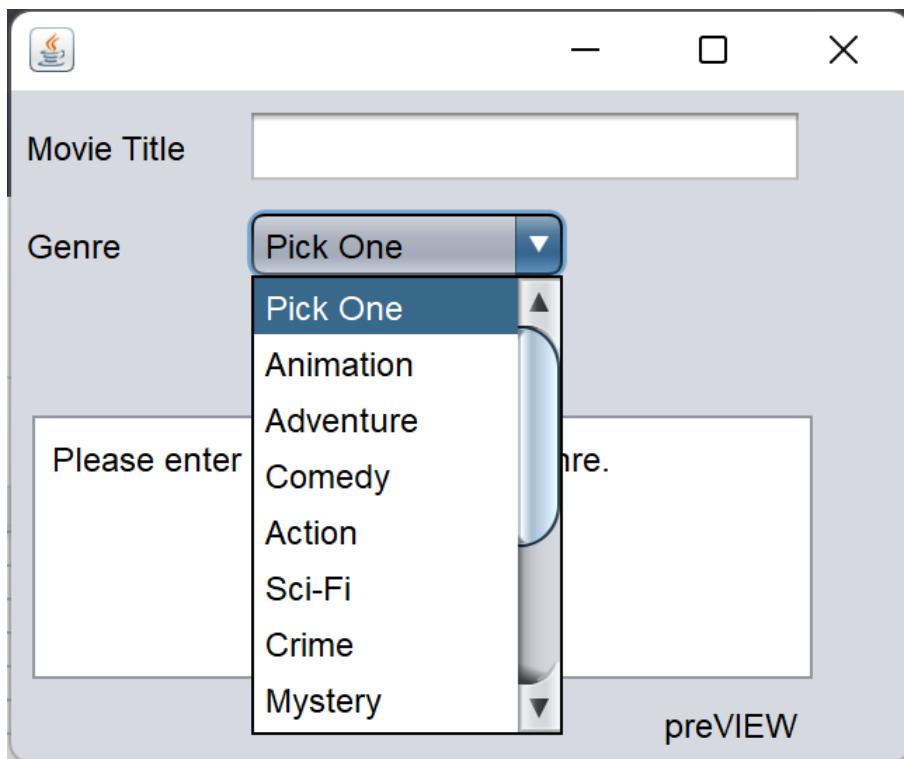
The GUI will only predict if the movie title field and genre are filled. When the GUI is first opened it will look like this:



Clicking predict immediately will produce this:



For the algorithm to function a movie title must be entered and a genre must be selected from the drop down menu.



The algorithm uses SQL to find the average ratings of similar movies from our database.