

preVIEW

User Documentation, COSC 412

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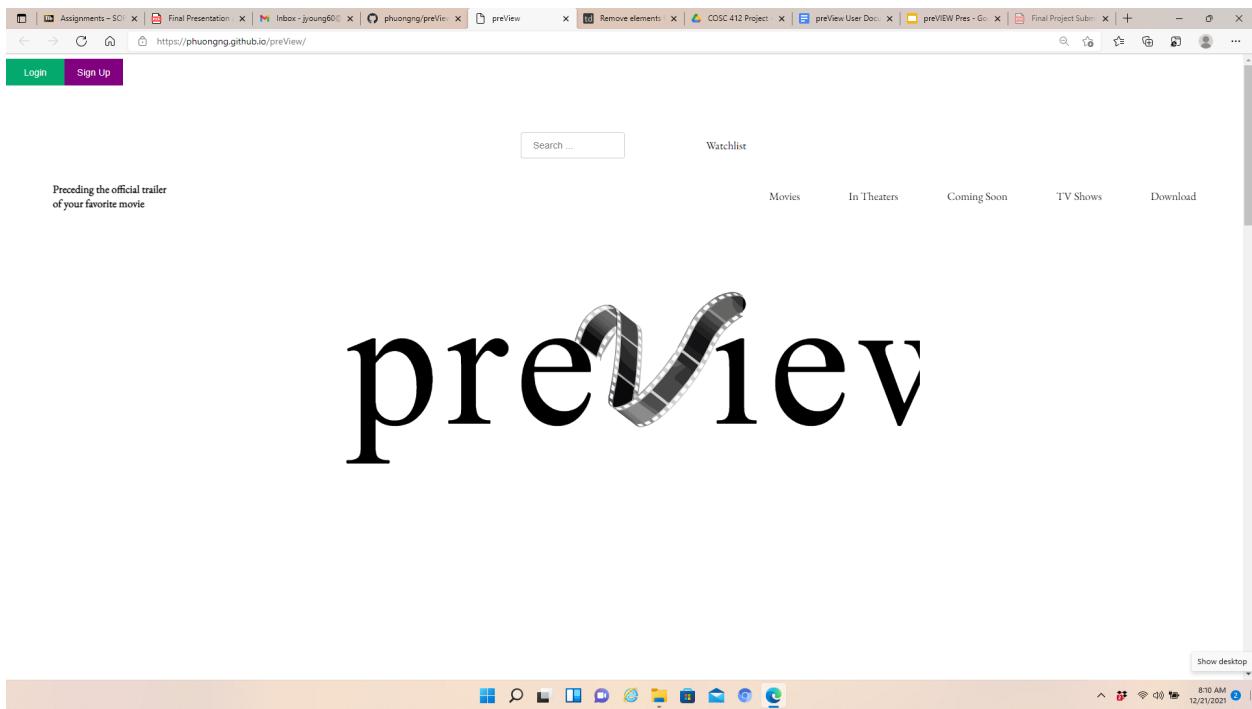
You do not need to download anything to start using our web app. All you need to do is use the link provided in our GitHub repository.

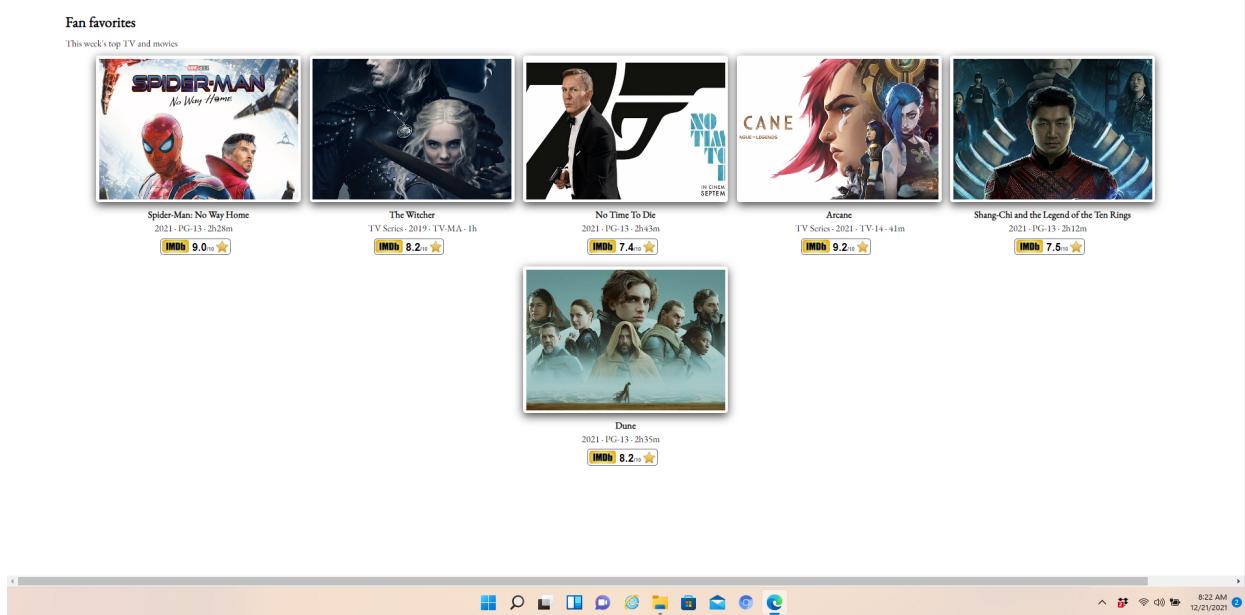
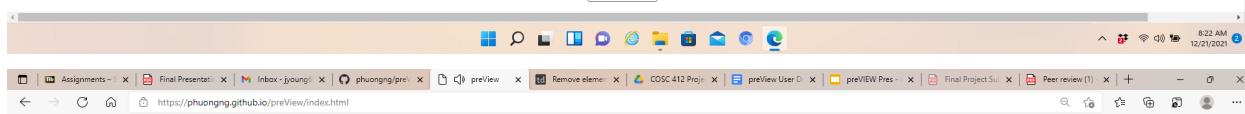
The screenshot shows a GitHub repository page for 'phuongng/preView'. The 'About' section on the right side of the page includes a URL link: 'phuongng.github.io/preView/'. This link is circled in red. Below the URL, there are statistics: 0 stars, 1 watching, and 0 forks. Other sections visible include '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 web browser displaying a video player. The video content is a 3D animated scene of a city at night, viewed from an aerial perspective. In the top right corner of the video player, there is a red circle highlighting the close button ('x'). The browser's address bar shows the URL 'https://phuongng.github.io/preView/'. The video player has a play button, a progress bar showing '0:00 / 0:15', and other standard video controls.

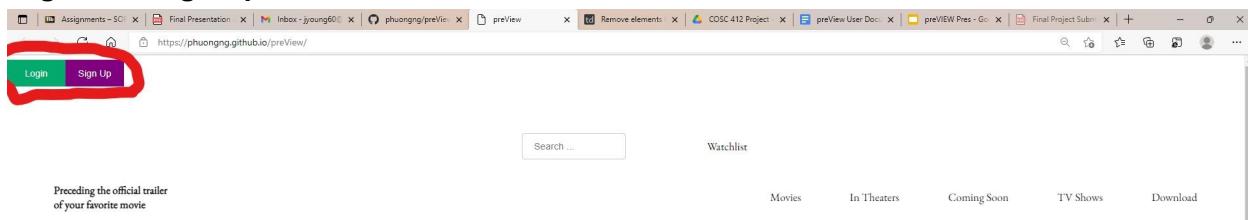
Here you will see our main page where you can scroll and see a list of Top Picks and Fan Favorites. You will also see links at the top. The ones that work are “Login”, “Sign Up”, “Movies”, “In Theaters”, “Coming Soon”, “TV Shows”, and “Download”.





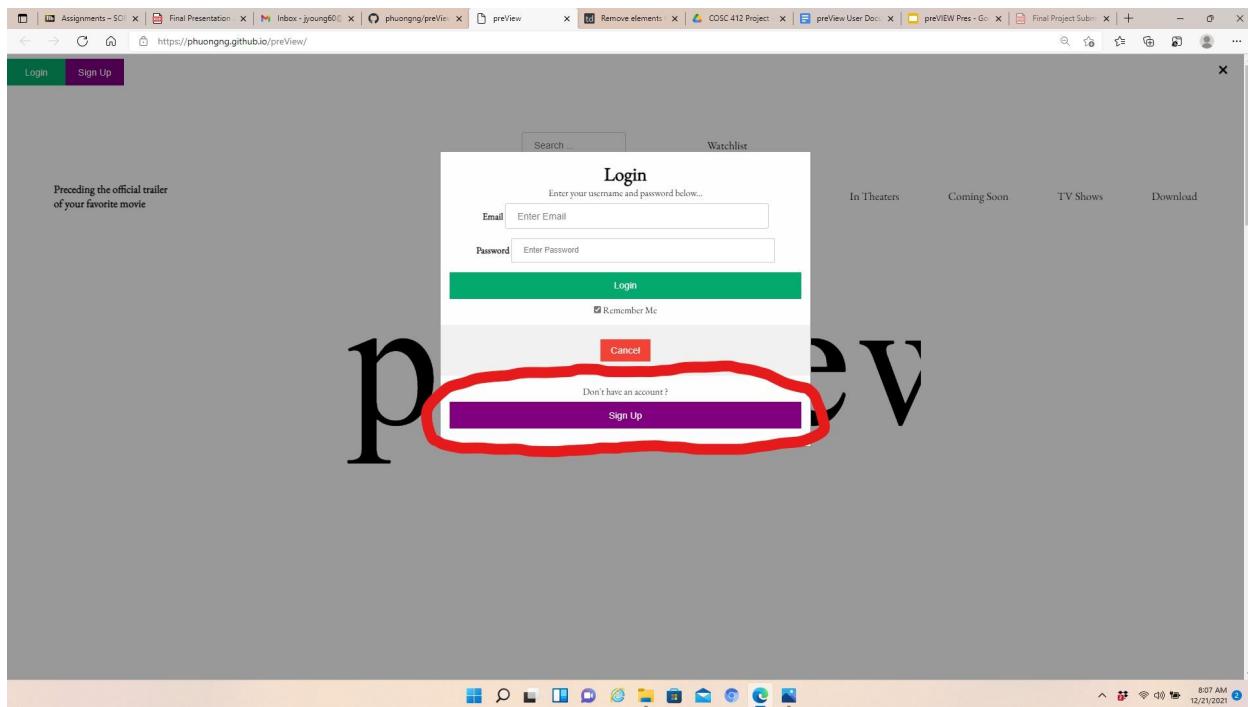
Make sure to also click the IMDb plugin symbol that comes with every work of film. It will lead you to the IMDb page for that film.

Login and Sign Up



preView

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 IMBd buttons are links to each respective movie.

The screenshot shows a grid of movie cards under the heading "Popular Movies". Each card displays a thumbnail, the movie title, its release year and rating, and an IMDb link. The cards are arranged in two rows of five. The titles and details are as follows:

Movie Title	Release Year	Rating	Length
Rush Hour 2	2001	PG-13	1h 30m
The Shawshank Redemption	1994	R	2h 22m
The Godfather	1972	R	2h 55
The Dark Knight	2008	PG-13	2h 52m
Schindler's List	1993	R	3h 15m
Inception	2010	PG-13	2h 28m
The Matrix	1999	R	2h 16m
The Silence of the Lambs	1991	R	1h 58m
Star Wars: Episode IV - A New Hope	1977	PG	2h 1m
Interstellar	2014	PG-13	2h 49m

In Theaters

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

The screenshot shows a grid of movie cards under the heading "Movies Near You". Each card displays a thumbnail, the movie title, its release year and rating, and an IMDb link. The cards are arranged in two rows of five. The titles and details are as follows:

Movie Title	Release Year	Rating	Length
The Matrix Resurrections	2021	R	2h 28m
Sing 2	2021	PG	1h 52m
The King's Man	2021	R	2h 11m
A Journal for Jordan	2021	PG	2h 11m
American Underdog	2021	PG	1h 52m
Don't Look Up	2021	PG-13	2h 15m

Coming Soon

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

Coming soon to theaters (US)

Trailers for upcoming release

Cyrano
2021 - PG - 2h04m
IMDb

The 355
2022 - PG-13
IMDb

Jackass Forever
2022 - R - 1h36m
IMDb

Moonfall
2022 - 2h
IMDb

Operation Fortune: Ruse de guerre
2022
IMDb

Death on the Nile
IMDb

Redeeming Love
IMDb

Sesame Street Friends
IMDb

The King's Daughter
IMDb

TV Shows

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

Sort by: Release Date

Most Popular TV Shows

1883
TV Series - 2021
IMDb 9.2/10

Station Eleven
TV Mini Series - 2021-2022 - TV MA - 45m
IMDb 6.8/10

MacGruber
TV Series - 2021 - TV MA - 30m
IMDb 7.5/10

And Just Like That...
TV Mini Series - 2021 - TV MA
IMDb 5.7/10

Landscaper
TV Mini Series - 2021 - TV MA - 3h13m
IMDb 7.3/10

The Beatles: Get Back
IMDb

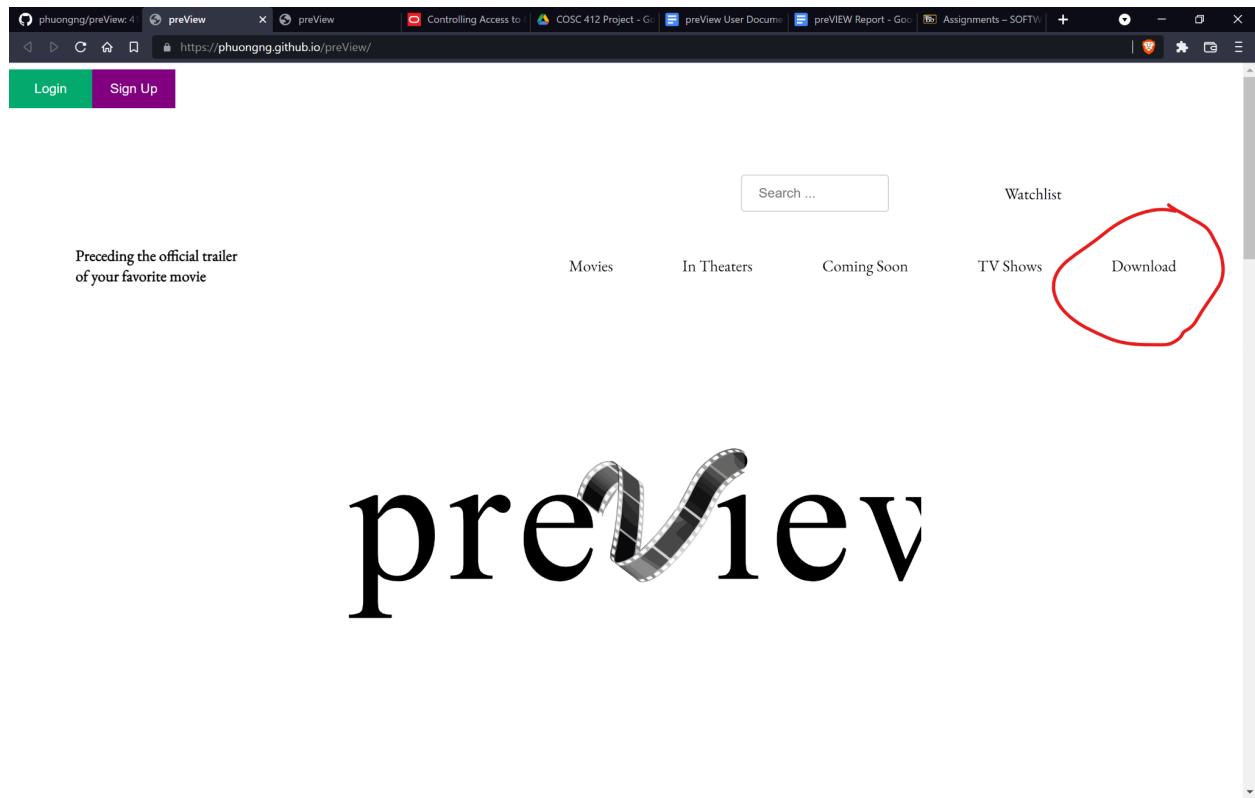
Cowboy Bebop
IMDb

Yellowjacket
IMDb

Mayor
IMDb

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.

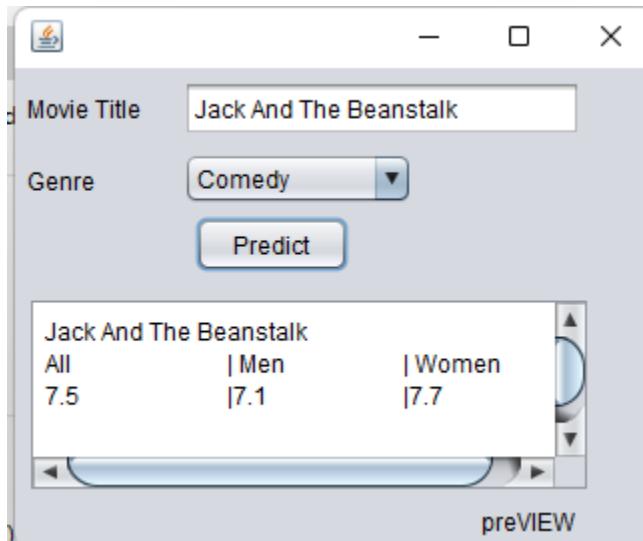


Jar files are java archive files and require java to be installed to run on a computer.

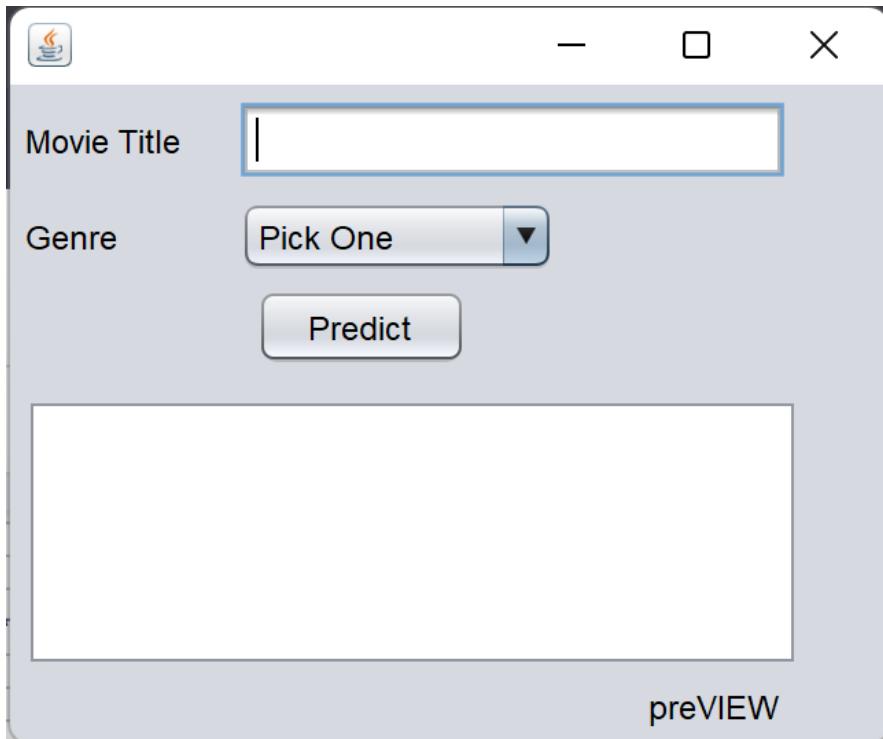
This link will let you install java 8 if you don't already have it installed:

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

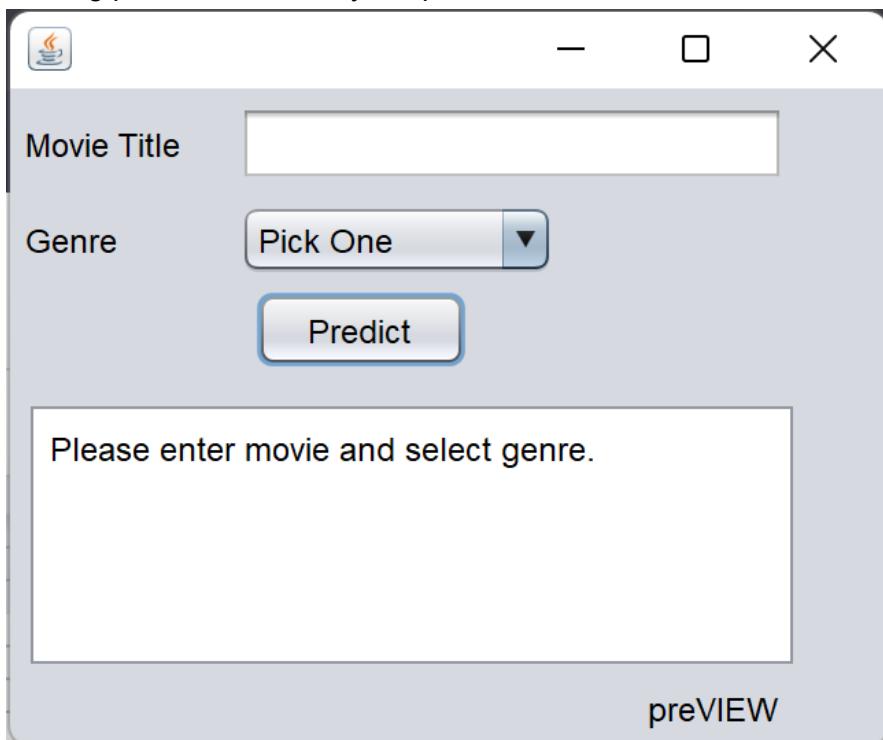
This jar file executes our algorithm which takes a Movie Title and a Genre from our drop down menu. Once you fill in the Movie Title and pick a Genre, click the Predict button to get a prediction of what ratings it might get for the general demographic (All), male demographic (Men), and the female demographic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



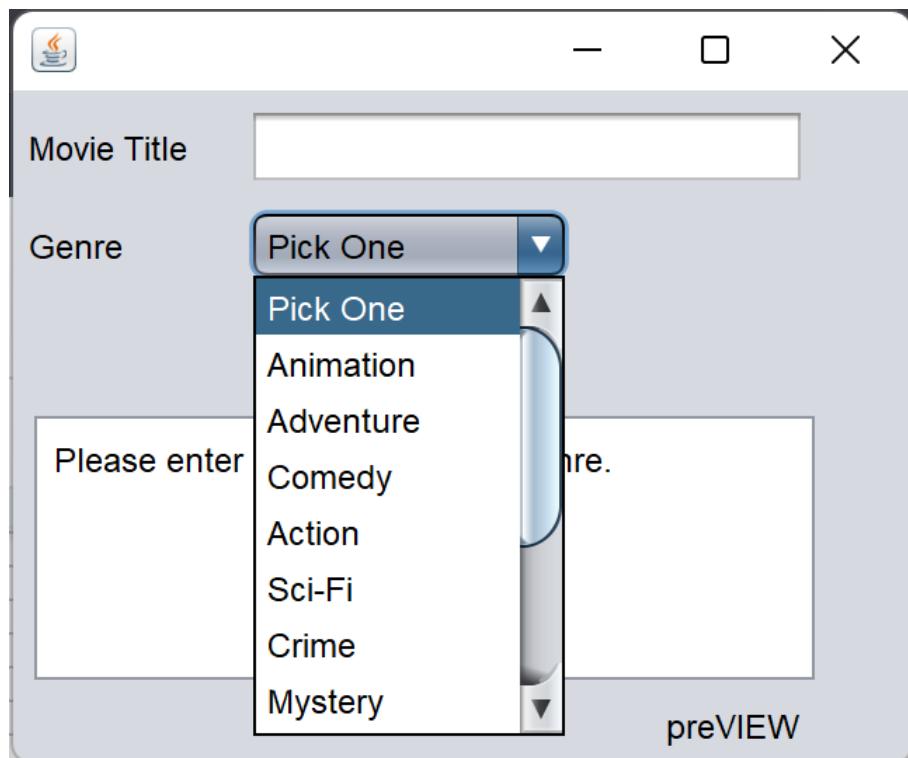
The GUI will only predict if the movie title field and genre are filled. When the GUI is first opened it will look like this:



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.