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<div align="center">Milestone Project: Ranking TV Shows</div>

Abstract

In the Milestone Project, I am creating a program to rank my favorite tv shows in all different genres and compare them to each other. I have chosen to consider how many genres the show has and how much of the genre is incorporated. I am also looking at the production and how much it costs to create the show. The program takes a lot of different information from a certain amount of shows and calculates the average of the show's qualities.

Introduction

The reason I chose to rank tv shows is because I watch a variety of tv shows and thought it would be interesting to compare shows in all different genres and see how they contrast each other. I also thought it would be very fascinating to combine coding and some interests outside of school to create a Java program that includes concepts I have learned in class.

Detailed System Description

The system takes specific information from the different shows and ranks them based on the average of the information given. The program takes information such as the number of viewers, number of cast and crew members, the cost of the show, the number of genres the show has, and how involved those genres are. The system will take in which show is better by assessing which show has the highest average and therefore be the superior show based on those

numbers. The shows, production, and genre classes have specific information where they all have to go through the rank and average class to evaluate the information.

Requirements

The specific problems that the system addresses is the fact that it rates different shows from all different genres even if they are completely different. I think that there are problems with this because even though people will have different opinions it will be based on how high production is, how many genres are incorporated, and how much effort the show puts in to rank it effectively.

Literature Survey

In an article about ranking the best tv shows of the decade, they had other criteria for ranking the tv shows. While they did rank different genres, they also ranked based on performances and how much of an impact the show had. It was less about the numbers for them and more about the overall impact of how compelling the tv show was to the decade (Nguyen et al.). Although this article ranked the tv shows based on different criteria, we both had to make sure that we knew what we were ranking them on since the shows were all completely different from each other in storyline and genre.

User Manual

The system can be used by having the user input all the information they know about the show into the program. They will have to know very specific information about the show in order to get a ranking. They will need to look up, for example, how much it costs to make the show, how many cast and crew members there are and much more. After all the information is

put in, it will calculate which show has the highest average. Whichever show has the highest average will be the top-ranking tv show in certain qualities.

Conclusion

The goals accomplished by the program is to be able to rank specific tv shows based on how high the average of specific qualities it has. It will rank the shows no matter how different the shows are from each other and just based on the numbers of different aspects of the production and genres. It will be an interesting way to compare different shows based on the information the system will take.

References

Fitzgerald, Toni. "'Game Of Thrones' Finale By The Numbers: All The Show's

    Ratings Records." *Forbes*, 20 May 2019, www.forbes.com/sites/tonifitzgerald/

    2019/05/20/game-of-thrones-finale-by-the-numbers-all-the-shows-ratings-records/

    #5491303c5f73.

"Grey's Anatomy ratings (TV show, 2005-)." *ratingraph*, www.ratingraph.com/

    tv-shows/grey-s-anatomy-ratings-18976/.

Nguyen, Hanh, et al. "The Best TV Shows of the Decade, Ranked." *IndieWire*, 3

    Dec. 2019, www.indiewire.com/feature/

    best-tv-shows-decade-2010-2019-netflix-hbo-1202148573/.

O'Leary, Jules. "The Success of Friends." *Analyzing Television*, 26 Apr. 2016,

    analyzingtv.wordpress.com/2016/04/26/is-friends-successful/.

Shepherd, Jack. "The 7 Most Expensive TV Shows Ever Made: From Game of Thrones

    to Friends." *Independent*, 9 Mar. 2017, www.independent.co.uk/

    arts-entertainment/tv/news/

    most-expensive-tv-show-game-of-thrones-friends-the-get-down-crown-a7619996.html.