MINI-PROJECT REVIEW

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NAME OF THE PROJECT-MOVIE RECOMMENDATION SYSTEM

A recommendation system is a type of information filtering system which attempts to predict the preferences of a user, and make suggests based on these preferences. There are a wide variety of applications for recommendation systems. These have become increasingly popular over the last few years and are now utilized in most online platforms that we use. The content of such platforms varies from movies, music, books and videos, to friends and stories on social media platforms, to products on e-commerce websites, to people on professional and dating websites, to search results returned on Google. Often, these systems are able to collect information about a users choices, and can use this information to improve their suggestions in the future. In the browser, if we search movie name it will give similar movies related to that input movie. This is done by three recommendation engine such as popular based recommendation engine, content-based recommendation engine, collaborative filtering-based recommendation engine.

The popular based recommendation engine is nothing but trending list on YouTube, Netflix, etc. They will keep on tracking the video views and update the on-trending list. The content-based recommendation engine is taking the input from the user and give a similar rank list based on the content related to the input movie. In this project, the content-based recommendation engine is used. The collaborative filtering-based recommendation engine is first search the similar user based on their activity and behavior and if the first user and second user have seen the same movie and if the first user has seen the new movie but if the second user not. It recommends new movies to a second user and vice-versa.

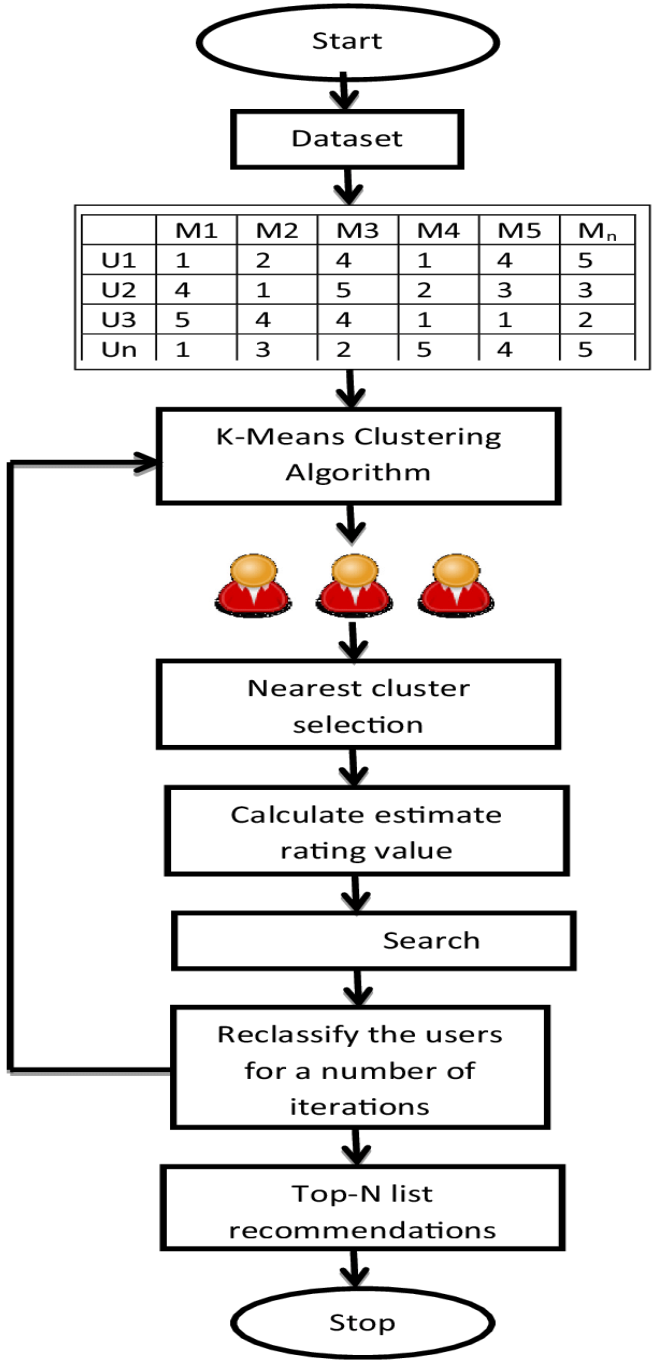
OBJECTIVES

To design a user-friendly website that helps in recommending the best movies for the user

To develop a website that apply a machine learning algorithm in recommending the store based on user’s interest

To evaluate and test functionality of the system

BLOCK DIAGRAM



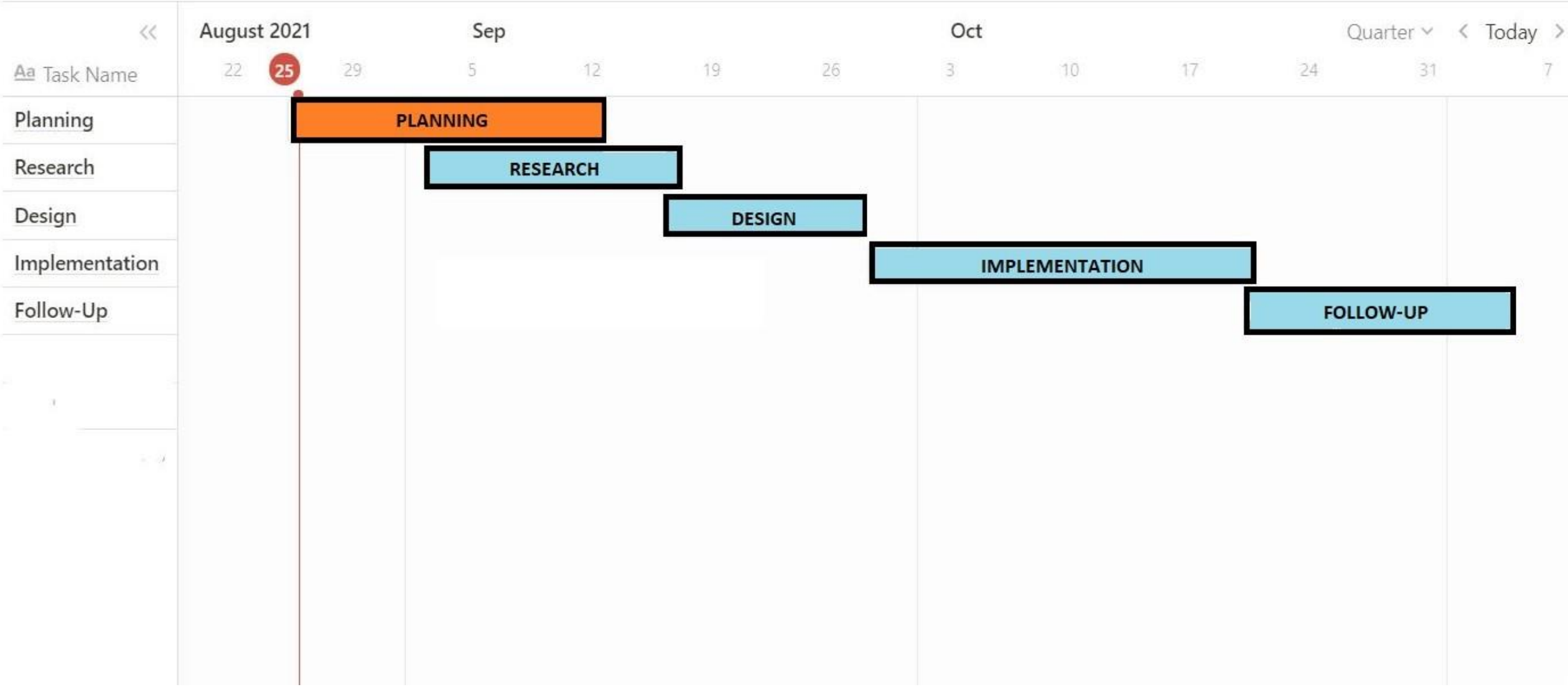
EXPECTED OUTCOME

1. The website would be able to predict movies on basis of user's personal interests.

2.It would be less time consuming for users to find a movie.

3. The popularity-based recommendation system eliminates the need for knowing other factors like user browsing history, user preferences, the star cast of the movie, genre, and other factors.

Gantt Chart (Time Line) Movie Recommendation System



CONCLUSION

In the everyday hustle and bustle of the world, the entertainment industry is a source of escape into the oasis of relaxation for at least a short period of time, making us forget all the daily anxiety. Earlier we had to wait for movies to be in theatres or TV series to get broadcasted in the bracket of time, but now, with the OTT revolution, things have become way more convenient with OTT platforms like Netflix, Prime Video, HBO Max and many more and our project is a way to make this experience even more convenient with AI doing the hard work of finding something that you might want to watch according to your choices. Our project will save you time and energy to search for movies from a huge list. It will also provide popularity-based results which so that you will never feel awkward in social gathering when the topic of trending movies come up. So, sit back, grab a bucket popcorn and a drink, and enjoy!

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