

ABSTRACT

Songs are one of the entertainment media that never escape from the times. For the audience, the song is a very important thing because the song is an entertainment that will be listened to according to their mood. Because there are so many songs available, it makes it difficult for many people to choose the song they want to listen to. One thing that makes many people confused is that there are many songs with different types of genres. Mood also affects the type of song you will listen to.

A recommendation system is a system that refers to predicting a number of items or data for users in the future, then being recommended as the top item. The recommendation system provides information that is relevant to what the user is looking for.

In this study, the author uses the Content-based filtering method to find song recommendations. The content used is song lyrics. The TF-IDF algorithm is used to find the value of term/word weight in each document and then that value is used as a variable in Cosine similarity to find similarities between documents. The output of this final project is the system can provide output in the form of recommendations for the top 10 songs in Indonesian. The result of this final project is the system has been running well with alpha test result of 100%.

Keywords : *Content-based filtering, TF-IDF, Cosine similarity*