ABSTRACT

When we talk about entertainment shows, especially films, there are categories that are made to segment the audience such as age restrictions and genre selection in each film produced. So that a recommendation system is needed to choose a film genre that suits the taste and age of the audience. The movie recommendation system is a system built to make movie selection easier for movie fans. This recommendation system is intended so that film fans can choose films through rating recommendations or selection of genres and age restrictions that have been selected by users.

In this final project using the K-Means Clustering method with the number of clusters as much as 2. The value group based on the rating is Cluster 1 and the value group based on the genre is Cluster 2. The implementation of this final project uses a website-based application with the PHP programming language. Website testing uses the alpha beta method so as to minimize errors on the implementation side. The results of the test are carried out with 3,4,5 genre preferences, from the results of the 4 genre preferences test, it produces a smaller error value of 0.44%.

Key Word : Sistem Rekomendasi, Film, K-Means Clustering, Website.