Abstract

Recommender System is a system that provides recommendations about things that are desirable and in accordance with the user profile. In this final test focuses where a recommender system is able to give recommendations in accordance with the user profile.

System to be developed is recommender system based on item-based collaborative filtering. In his development will be used a method based Cosine Similarity and correlation-based similarity. Of the two methods will be seen where the method produces better accuracy values.

Tests on the algorithm designed by using data values PMDK test results from a university. The test result of both methods can be good recommendations but it appears that the accuracy of recommendations cosine similarity method is better results. It is associated with the test results.

Keywords: recommender system, collaborative filtering.similarity,MAE