

ABSTRACT

Increasing the amount of information on internet has made more difficult for someone to get information that might be useful for that person. a system is required for filter an existing information and deliver it to the right people.

This final task research use depth limited search algorithm on trust inference method based on collaborative filtering to perform the recommendation of items(movie) that might be useful to user who will be given the recommendation by calculate the prediction value of items rating. Trust inference method used to reduce the sparsity problem that often occurs in collaborative filtering-based recommender systems

From the test results, the trust inference methods showed a better performance/prediction quality when the data used are sparse.