

## Abstract

Who do not need a home to stay? Everyone sure need a home to stay, if people become adult and they will be marry. Bandung is the fourth biggest town in Indonesia. But, It is said Bandung is the second popular town after Jakarta. That`s why, people of Bandung today is dominated by people outside of Bandung city. So that`s why the demand of the house is raising recently and when they buy a home, they want a home that suit with their desire. To solve that problem, approach using recommender system can be used.

One of the solution, this final project build recommender system with content-based filtering which implement Weighed Product Method algorithm on Multi-Criteria Decision Making. Weighed Product Method algorithm is used because that algoritm is simple dan easy in building alternative recommendation.thus, the system will give the *house recommendation* which approach the *costumer`s* desire.

According to the result test on recommender system which is build to show that the system have good performance. This is proven by the high value of performance value.the case of testing and different priority of criteria is highly affecting to the preformance value.

Key words: Home, *Recommender System*, *Content-Based Filtering*, *Weighed Product Method*.