# *Abstract*

*The amount of information available on the internet grew and increased sharply. Information is available in various formats such as text, audio and visual. Not infrequently the internet users have difficulty to finding the desired information. To overcome the problem, the solution is by used recommender systems. Recommender system is a system that can predict the need for information in accordance with the user profile.*

*The system developed is a content-based recommender systems and in generating recommendations using the technique of Multi-Attribute Decision Making (MADM) by used method of Weighted Sum Model (WSM). Starting with a literature study on the topic and the recommender system theory of decision making, further analysis of problems to be applied to the movie recommender.*

*Testing of the designed algorithm is done by using training and test set data from movielens. Result from testing show that WSM algorithms can be used to generate good recommendations, it is related to the performance test results of the algorithm WSM.*

**Kata kunci**: *recommender system, multi attribute decision making, WSM, performance.*