Abstract

Text Summarisation is a filtering process the information from document to make the summarize version use computer system. Summary can be defined a text with important information from the original document, and the length no more than a half from the original text. In this final project , text summarisation in this sistem focused on sentences extraction, by the choose the sentences to make a solution from the weight and similarity between sentences. Choose the combination of sentences to make the best solution using genetic algorithm with permutation representation. The result from this system is to get a solution with the best combination of sentences, and the information have been filtering until a half from oroginal document by genetic algorithm. The best solution considered from fitness use sumary factor , so that fitness function used in this genetic algorithm can ensure to get the best solution.

Keyword : text summarisation, genetic algorithm, sumary factor, fitness, sentence.