

Abstract

Lot of people share any useful information through online forum. There is one forum for share information about all around things in Qatar Country. Many people have been asking and answering about things around Qatar in this forum, but there are so many respondents that answer the question with irrelevant content and topic. In this final task we will do some research to ranking the result using Term Frequency and Similarity Measure Features. Term Frequency method have advantages to calculate the score of answer sentence based on term frequency that appear each of answer sentences, while Similarity Measure Features divided into Semantic Similarity and Jaccard Similarity have advantages to calculate the precision of similarity between sentence based on meaning and the content of sentence. The result will be ranked based on score of Term Frequency and Precision of Similarity Measure Features with the following step: Preprocessing, Feature Calculation, and Ranking the Result with MAP evaluation. Based on the test result, the best feature with appropriateness states to ranking the answer that have 80% MAP calculation is Semantic Similarity Measure Features.