**Abstract**

In this era the needs of information increases with a lot of technology that developed rapidly. With the existence of internet which getting more fast and effective, the Community Question Answering (CQA) system will absolutely help the internet user to get the information that they need. The input is XML dataset with new question, relevance question and comment inside them. The output is result of Mean Average Precision (MAP) from top ten comments.

The CQA itself is quite available for public and all of the internet user are unrestrained to do some question and answer. But with the freedom that they got, user also having some difficulties from getting too much of answers and also there's no guarantee that all of the answers are right and suitable with the question. Even maybe there are some probability that the best answer is from another question that has been asked before.

Some previous research only using Cosine Similarity feature. Cosine similarity feature only take answers which have some letter similarity with the one that is in the question. While the system added by Soft-Cosine Semantic Similarity, that will increasing the probability on getting the right answer with having no word similarity.

The SemEval-2017 Task 3 dataset testing result showed us that the combination between Soft-Cosine Semantic Similarity feature with Support Vector Machine algorithm classification is better than the other combination. The MAP value from this combination is **21.0%** which is used to search the similarity between Original Question and Related Comments.

*Keywords :* *classification, comment ranking, community question answering, qatar living forum, soft-cosine semantic similarity*