

Abstract

Questions uploaded on a discussion forum will certainly be replied with a various answers. But every answer that is uploaded, not necessarily relevant to the question so that the time spent searching for answers will increase. Systems that can give *ranking* to every answer in a discussion forum can help search for answers. For the above reasons, in this final project will be created a system that will rank on each answer so that relevant answers will be put earlier than the answer is less relevant. This system will implement *Question Comment Similarity* (QCS) and use some algorithms that include *Part of Speech Tagging* (PoS-T) and *Regular Expression* (RegEx). The first data of dev folder have the highest precision at 19.70236508% of MAP. The highest precision in train folder is at the fifth data having 19.33174801% of MAP. The highest precision in train folder is at the last data having 16.16312675% of MAP. MAP score of the system is about 16% to 20%.

Keywords: QcS, PoS-T, RegEx.