

Abstract

In this final assignment, the writer is searching sentence similarity between verses and translation page of Al-Qur'an using N-Grams algorithm and Text Alignment approaches where input for this system is verses of Al-Qur'an and English as Translation for Al-Qur'an based on length of N-Grams which the writer had given and measure the evaluation using f-measure and gold-standard as compared data with result from system. the purpose for this evaluation is to get fragment of segments from verses of Al-Qur'an and count system performance. When system entering evaluation process, the writer use case level evaluation and f-measure score as accuracy and final evaluation score based on plagiarism. So f-measure score for no-plagiarism have higher f-measure score rather than no-obfuscation which accuracy for no-plagiarism is 100%.

Keywords : al-quran, sentence similarity, n-gram, text alignment, plagiarism detection