

ABSTRACT

Muslims have confidence in their guidance that refers to the Qur'an and Hadith. There are some traditions that we often hear, but the Islamic scholar agreed hadith narrated by Imam Bukhari has the highest validity. Therefore, many Muslims who study and explore the science of hadith. In an effort to study the science of hadith in the era of the all the technology is certainly not miss from the the digital world. Therefore, the authors wanted to do a study about suggestion, prohibition, and information of Hadith Sahih Al-Bukhari which is expected to develop existing applications and help people to more easily learn the science of hadith. Classification will be divided into three classes, suggestion, prohibition, and information sentences. The method will be used in this classification is unigram analysis for the feature extraction and Artificial Neural Network (ANN). The method is chosen based on research that has been done before by M. Arshi Shaloot, Norisma Idris, Rohana Mahmud about hadith classification using Artificial Neural Network (ANN) with 94% result for accuracy. In this research, we used several scenario by adding some modification in preprocessing, feature extraction, and ANN parameter steps. The test resulted the greatest evaluation is 85% using precision, recall, and f1-score

Keyword : Text classification, Hadith Sahih Al-Bukhari, Unigram, ANN