ABSTRACT

News is one of the means of information for the general public [1]. In this modern era, many people use online media as one means to access news. In Indonesia online media has the largest percentage as a means of delivering the news. But the number of news that exist in the online media raises the problem in categorizing news topics that exist. Therefore it takes a system to be able to categorize every news topic that is on online media. This study aims to create a system that is able to categorize every news in Indonesian on the class that should be. Classification uses the weighted k-Nearest Neighbor (wkNN) because this is a simple classifier. In this research there are several stages in system design, namely preprocessing data, feature extraction, and classification using weighted k-Nearest Neighbor. After the stages are passed the performance measurement is done. The result of research can give performance system equal to 75,86% with value of k = 27.

Keywords: *classifier, preprocessing, feature extraction, weighted k-NN*