## **Abstract**

The main problem of an online forum user who often comment on a thread or comment on the topic but what is not useful or does not relate at all to the content of the thread or topic. Comments or postings like this is known as junk post. Lots of losses due to junk post, such as adding the topic page resulting in another user 's hard to read the whole topic and add time to read the forums, change the direction of the conversation so that it can evolve other junk post from another user, which is an important staple topic could be obscured by junk post so there are a few things missing, and a variety of other problems.

For that reason, this research aims to classify a post or comment, including junk or not, so expect the future to reduce junk posts on internet forums . Methods that will be used for this research is to use a K - Nearest Neighbor method for text classification . In its application , was also weighted with the tf - idf post and to calculate the similarity values of an existing post with a thread or topic related to using Pearson Correlation Distance.

The results of this study indicate that f1-measure obtained for first test scenario was 70.71% with k = 93, for second test scenario was 70.00% with the k = 61, and for third test scenario was 71.72% with k = 41. In each scenario, the resulting f1-measure is better when not using a stop word removal. This is because post in the forum are not standardized and very varied so it is less suitable when the stop word removal used in this study.

Key word: text classification, junk post, k-nearest neighbor, pearson correlation distance, tf-idf.