

## Abstract

Nowadays, social networking is very popular among the people of Indonesia. Noted that until 2012, Indonesia has more than 60 million internet users, which most already have social networking accounts. One form of social networking is a location-based social networking. One application that is quite popular is Foursquare. Noted that in April 2011, users from Indonesia is the highest in ASEAN.

Such location-based social networking is usually used to inform someone's position in some types of places such as supermarkets, restaurants, cafes, terminal, station, school, college or even a regular house. In every place, someone can provide some insight or tips to argue or give a review.

To visit a place, in Foursquare we can search or explore some places around the user's location. The problem is, we do not necessarily know if that place is a recommended or not. While social networking applications have not been giving out the rating feature, there is a feature to give like / favorite and a number of like this have not been able to describe the assessment of a person to a place (venue).

In this final project developed a system that can perform the classification opinion somewhere, perform rating on the provision of a place, so that the review can be produced more valid than the product or the conditions of a place. The method used is a Dictionary Based Approach to perform opinion classification. This approach is one approach that can be used on the sentiment issue, but it is strongly influenced by the data preprocessing. The results obtained are the methods used to perform sentiment classification with the greatest precision value of 85.276 and 73.606 for the smallest precision values are influenced by the results of the determination of positive and negative sentiment of each word..

**Keywords:** *Foursquare, Opinion Mining, Dictionary Based Approach, Rating, Venue*