

## A Recommendation System over Internet Based on User Classification

Internet has become a popular medium for information exchange and delivery knowledge. Many people get the useful information what they wanted from the Internet and network. Several traditional social activities have changed to work in the Internet, like distance learning and tele-medical system. Traditional buying and selling activities also follow the trend. Almost all things will be sold in the Internet, user will buy the product from the Internet too. However with the advent of the World Wide Web, online merchant must know what users wanted or interests and let user buying something in their site. So recommendation process became an important strategy for the merchants. In this paper we analysis users' behavior and their interests, and then we recommend something to these users. The analysis mechanism is based on the correlations among customer, product items, and product features. In this paper we propose an algorithm to classify users into groups and recommend product items based on these classified groups. And the system will help merchants to make suitable business decision and make personal information to customers.