

Abstract

The purpose of the study of “The Effect of Web Page Representations in the Bookmark on Web Revisitation” is to study the efficiency of bookmarks list via 3 kinds of representation. There are text list, thumbnail list and thumbnail with fisheyes list. The study main objective is to improve bookmarks representation because there are several problems about web title in the text representation. Thumbnail can be used to solve the ambiguity of web title. In this paper, fisheyes is implemented along with thumbnail in order to reduce the space usage of thumbnail.

3 kinds of bookmarks representation was tested by creating browser which able to display bookmarks list in text, thumbnail and thumbnail with fisheyes. This browser was used in an experiment. In the experiment, participants had to added the links to their bookmarks and search the links they had added in bookmarks again. The evaluation of experimental result based on speed and accuracy of searching. The result was analyzed by one-way ANOVA. The result shows that thumbnail alone did not improve the efficiency of searching. Fisheyes is always not able to improve efficiency of searching. However, there are some types of thumbnail that made searching via thumbnail faster than searching via text.