

1,

2

1

2

{yoon@mail.kcu.ac¹,hyunju@yonsei.ac.kr

A Study of Web Navigation Design to Improve Usability of Old-aged Users

Bae, Yoon Sun¹, Lee Hyun Ju
Korea Cyber University¹ Yonsei University²

가

30

가

가

가

가

가

Keyword :

Abstract

Gaining information via the internet is becoming pivotal in today's society as the internet is becoming the center of knowledge and information. The goal of this study is to present the guideline of web interface design for the elderly who are alienated in gaining information from the Internet. If the internet were more user friendly to the elderly, they would be able to spend more time in doing what they enjoy and also in self development, with the information gained on the internet. This study investigated current portal sites to understand the present situation, surveyed and interviewed the elderly, and researched literatures on how the elderly perceive various stimulants and also researched documents for previous guidelines on interface design for them. This study investigated internet sites which the elderly use to gather information about products and which entice their purchasing desires. The conclusion is that the usability can be improved by eliminating visual dizzy elements in the pages, simplifying the layout and the menu designs which represent the information architecture.

·
1.
1-1. 가
2003 10 1 가 .
1-2.
2000 65 7.2%
2019
14.4% ‘ 가 2026 .
23.1% ‘ 가 , 가
가 가 , 가?
가 가?
가 가
가 2003 가
12 ‘ 2003 가,
가?
50 가 ,
RI Korea Korean ,
Click 2002 50 가 가?
21%, 50 2.
8.1% . 2-1.
가 2-1-1.
가 가
가 가
가 (graphic user interface)

가

.7)⁴

가 가

2-1-3.

가 가

Head 가

가

.⁵

가?

2-2.

, 가
가?

가?

55

14

가

16

2004

10

가?

11

가

가?

가

가 3

가?

가

30

가 가 가?

가

가

가

가

가

가

가 가

가

SPSS

12.0

가

- (Between-Subjects
Factor) 가
- (Within Subjects
Variables)
(repeated two-way ANOVA)

⁴ Badre, Albert N.: Shaping Web Usability, Addison-Wesley, 240-241, (2002)

⁵ Head, Alison J., Design Wise : A Guide for Evaluating the Interface Design of Information Resources, Book News, Inc, (1999)

, 가 가
가,

(cantasia)
가
avi.
가

,
,
,

가

가 가

가

가

, 가

2-3.

2-3-1.

가 가 가

, 가

가

2-3-2.

10

가

가

가

가

가

가

가

,

,

가

10

가 가

가

가

가

가

3.

가

가

(2002)

(2003)

GUI 가 , (2003)

, (2002)

23 , (2003)

Badre, Albert N., *Shaping Web Usability: Interaction Design in Context*, Addison-Wesley, (2002)

가

Beaver, M.L., *Human Service Practice with the Elderly*. Prentice-Hall, (1983)

Fleming, Jennifer, *Web Navigation : Designing the User Experience*, O'Reilly & Associates, Inc., (1999)

가 가

Head, Alison J., *Design Wise : A Guide for Evaluating the Interface Design of Information Resources*, Book News, Inc., (1999)

Pollak, Otto, *Social Adjustment in Old Age*, Social Science Research, (1948)

Thatcher, Jim, *Constructing Accessible Web Sites*, Peer Information Inc., (2002)

Nielsen, Jakob, (1999)

Dumas, Joseph S. and Janice C. Redish, : 가 , 61, (2004)

가