Investigation of learner attitudes, intention and effectiveness toward e-books as learning tools

Shu-Sheng Liaw
General Education Center, China Medical University
91 Shiuesh Rd., Taichung, 404, Taiwan
E-mail: ssliaw@mail.cmu.edu.tw ,Phone: 886-4-22053366 Ext. 6319
Hsiu-Mei Huang
Department of Information Management, National Taichung University of Science and Technology
129, Sec. 3, Saming Rd., Taichung, 404, Taiwan
E-mail: hmhuang@nutc.edu.tw, Phone: 886-4-22196609
Yen-Hsiang Andrew Liaw
Department of Computer Science, Simon Fraser University, Canada
E-mail : yhandrew.liaw@hotmail.com
Yen-Ting Angela Liaw
Faculty of Arts, University of British Columbia, Canada
E-mail : ytangela.liaw@gmail.com

Abstract: This paper investigates the use of e-books as learning tools in terms of learner satisfaction, usefulness, behavioral intention, and learning effectiveness. Results suggest that interactive learning environments, acceptable screen size, perceived self-regulation and self-efficacy could positively influence perceived satisfaction with and usefulness of e-books as learning tools. Perceived satisfaction and usefulness are crucial factors in learner behavioral intention which, in turn, contributes to learning effectiveness.