

A Usability Assessment of E-book's Readability

S.E. Cano¹, M.B. Ching², J.S. Datu³, J.C. Tangsoc⁴, E.A. Siy⁵

Industrial Engineering Department, De La Salle University, Manila, Philippines

¹*sammy_escan@yahoo.com*

²*chingmaro@yahoo.com*

³*jessica.datu@yahoo.com*

⁴*jazmin.tangsoc@dlsu.edu.ph*

⁵*eric.siy@dlsu.edu.ph*

Abstract

The study conducted a usability assessment to improve E-books readability which pertains to text layout. This investigated the influence of text layout variables as line spacing, font size, type, color contrast, and number of columns on reading time, accuracy and satisfaction. The results of this study aims to improve the existing guideline on E-book design. Incorporating the recommendations on E-book medium designs would lead to layout customizations.