Usability of Children's Educational Websites
(Case study on External Educational Books Websites in Egypt)

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Abstract:
Usability testing is very important tool used to determine the success of the educational website, and how the website meet the children's educational needs. Recently, children become one of the biggest technology users that led to interest in apply usability testing with them as test participants. The need to include children in the design process of most children’s computer applications. This study evaluates the usability and acceptance of two educational websites in Egypt named as (Al Adwaa educational website and Selah Eltelmeez educational website). These websites are the e-learning complemented method for most popular external books designed for children in primary, preparatory and secondary stage to learn. This study employed usability test approach which involved observation, and interview questionnaires based on five acceptance test elements. The objective was to collect qualitative and quantitative data to determine: if children are able to complete specified tasks successfully ; and children’s satisfaction with the two websites. Twenty four children at the age between (9 to 12 years) old, they was studied on three primary grades (fourth, fifth and sixth-grade) in three different types of Egyptian schools (Arabic governmental school, Experimental Language Schools, and private Language schools) on three different governorates have been selected to participate in this test. Children were arranged in four groups according their age and educational type from (A) to (D). Results indicate that; all children in the groups of age and educational type from (A) to (D) agreed that Aladwaa CEW has the best design, layout, user interface, and navigation followed by Selaheltelmeez CEW. This shows that Selaheltelmeez CEW needs some improvement, and Eladwaa CEW is the most user-friendly. Selaheltelmeez CEW also needs to add some educational games which can aid the learning process.

Keywords: Usability, Usability testing, Children’s Educational Websites (CEW), External Educational Books, Primary stage students.

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