

ABSTRACT

One of the three examples of reading applications is Marbel Membaca obtained in the Play Store which has material that is different from grade 1 elementary school namely 2013 Curriculum and Education Unit Level Curriculum (KTSP). The results of the material learn to read with different content from the others Marbel Read which has different results for the same application. The trial results of the Marbel Reading application with Bojongasih 2 Elementary School (SDN) and Dayeuhkolot 2 Elementary School students find deficiencies in usability aspects, namely efficiency, effectiveness, productivity, satisfaction and usability. The research was conducted to produce a preliminary user interface application model for grade 1 elementary school students according to the characteristics of students and the Education Unit Level Curriculum and 2013 Kurikulum using User Centered Design method. The Hierarchical Task Analysis method is used for temporary user tasks to identify and use aspects using Quality in Use Integrated Measurement. The results of the study can be used as a whole, namely efficiency 90%, effectiveness 91%, productivity 94%, satisfaction 94%, learning ability 94%, trust 91%, accessibility 96%, universality 85%, and usability 97% at the best level. The percentage of high persona 96%, medium persona 94% and 87% for low persona are at the very good level of bait. This shows the user interface application model for reading the beginning of the students and the first grade elementary school curriculum.

Keywords: initial reading, user interface, user centered design, hierarchical task analysis, quality in using integrated measurements