

Abstract

In reading the verses of the Qur'an must be in accordance with the tajwid so that the meaning of the verses of the Qur'an to be not wrong meaning. Tajwid learning should be taught in children. However, due to time constraints in studying science tajwid who only once a week in religious studies, plus children who prefer to go play than following the previous TPA, science tajwid be difficult to learn. Children tend to be tired of learning through books. So the need for alternative new learning media for children interested in learning tajwid. Interactive media can be used in helping the development of student learning media to be more interesting in learning. One of the interactive media is through the applications contained on the Android smartphone. So from the description above, the authors will build an interactive learning media through the application of science learning tajwid a solution to help in learning science tajwid. One method that can be used to build the learning application is by using User Centered Design method (UCD) then the method used to analyze and define the tasks that will be done on the application, the author uses HTA Hierarchical Task Analysis method. Measurement usability in this application using QUIM usability measurement. This research produces the prototype of user experience model of tajwid learning application which is suitable for children needs in learning science of tajwid.

Keywords: Tajwid Science, AL-Quran, User Centered Design, Hierarchical Task Analysis, User Experience, USE Questionnaire, Interactive Media, Android Smartphone