# ABSTRACT

Interactive learning media using the application into a solution to help children in the learning process becomes easier and fun, one of them in the learning process of daily prayers. Referring to interviews that have been done principals PAUD Darunnisa Bandung, seen that the study of daily prayers in the early childhood is still a problem that is still using oral language, this mengucingbatkan children become not concentrated and difficult to memorize the daily prayers. Based on the usability test survey on several daily prayer learning applications, there are still some deficiencies in the usability aspect. Some aspects of usability are still lacking in the memorability, error handling, and low efficiency level. The purpose of this research is to produce prototype user interface model based on user experience model using User Centered Design (UCD) method which suitable with user characteristic and curriculum of early childhood education. To analyze user tasks using Hierarchical Task Analysis (HTA) methods and to analyze the usability aspects generated using Quality in Use Integrated Measurement (QUIM) standards. The resulting user interface model is implemented in the form of flash-shaped application prototype on android smartphone. The results showed that the average level of understanding of each QUIM factor and user type has good value, ie for 89% efficiency factor, 93% effectiveness, 94% productivity, 93% satisfication, 94% learning, 92% trustfulness, 93% , Universality 87%, usefulness 97%. For users with high type 96,89%, medium 96,44%, and low 89,56%. All QUIM and user type factors show a very good level of understanding, indicating user interface model based on user experience model in daily prayer learning applications according to user characteristics and curriculum of early childhood education.



Keywords: early childhood education, interactive learning media, daily prayers, user experience, user interface, user centered design, hierarchical task analysis, quality in use integrated measurement.