

ABSTRACT

Education, is a need for everyone. The role of education is needed. Education demands attention and participation from all parties. The Ruang Guru application which is a product of PT. Ruang Raya Indonesia, which was officially established in 2014, is the largest and most comprehensive technology company in Indonesia that focuses on education-based services. This study uses the ISO / IEC 25010 software quality testing standard by implementing 4 aspects of mobile software testing by Ben David (2010), namely Functional Suitability, Usability, Performance Efficiency, and Compatibility. The author is interested in being able to see the quality of software or Ruang Guru application users.

This type of research is Descriptive. The population in this study is the people of the city of Bandung. The sample set is the user of the Ruang Guru Application in the city of Bandung. The form of the sampling technique in this study using purposive sampling technique. The variable studied was ISO / IEC 25010 software quality. The analysis conducted was Descriptive study

Based on the results of the validity and reliability test, the Software Quality variable, researchers found that the Pearson correlation value has a correlation value (r count) that is greater than r table. Obtained Cronbach's Alpha value of 0.957. Thus, this value has been greater than the benchmark value of 0.600, or it means that the quality of the software has good reliability.

Keywords: software quality, ISO / IEC 25010: 2011, Ruang Guru