

ABSTRACT

The culture and technology are two things that are very important and parents need to be introduced to their children at an early age. Technology proves that with technology we can find any information and entertainment. Technology can be used in the form of learning applications, games and so forth. But culture is also important because the culture is the nation's heritage. Since both of them that the background for the creation of applications that contain material culture. Because children can not operate a mobile device, the technique is to use technology that fits cultural learning app with Augmented Reality techniques using android platform. With 3D Augmented Reality applications then the child will be easy to use and parents only need to guide him. For method development in this application using the methodology luther. The functionality contained in this application include folklore, instructions, dance simulation and game. After completion of the program code generation phase, conducted testing using black box testing methods. The final result in this application is an application Barongan Reog Ponorogo dance can provide benefits in terms of cultural recognition, and is expected to explain the story and learning about the dance moves so that children will easily learn about their own culture.

Keywords: Augmented Reality, Android