ABSTRACT

Because the current pandemic conditions bringing in sources from various community helper professions directly is very difficult to do, research at PAUD Almalia related to community helpers to help teachers in the learning process. Interview results show that teachers want a learning app consisting of videos or images. From that problem was born an Augmented Reality (AR) application that focuses on the introduction of community helpers. This application uses the modified waterfall method for its development. In this application there are 3 main features, namely 3-dimensional object scan, 2-dimensional animated video scan, and interactive quiz questions. In testing, PAUD Almalia directly tested the application that had been created. Getting a positive response that this application is 100% considered attractive, quite important to apply, and easy to use, and 78% consider this application is very helpful to the learning process. It is hoped that the creation of this application can provide new media to attract children's learning interest in PAUD Almalia, especially in the field of community helpers.

Keywords: Augmented Reality, 3D, animation, community helper, Paud Almalia.